



INDIANA UNIVERSITY

# College of Arts and Sciences

Bloomington Campus

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# 2010 – 2011



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# 2010 – 2011

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## Table of Contents

1	Overview	16	Release of Information in Student Records
1	Liberal Learning at IU	17	Public Information
2	The College of Arts and Sciences	17	Departments and Programs
2	Matriculation Date and Degree Requirements	17	African American & Diaspora Studies
2	Student Responsibility	26	African Studies
3	Abbreviations	29	American Studies
3	Admission to IU	33	Animal Behavior
3	Entering the College	35	Anthropology
3	Direct Admission	47	Apparel Merchandising and Interior Design
4	Transfer Students	52	Asian American Studies
4	Exploratory Students	54	Astronomy
5	Degrees, Majors, Minors, & Certificates	56	Biology
5	List of Majors (Bachelor of Arts)	67	Central Eurasian Studies
5	List of Interdepartmental Majors (Bachelor of Arts)	78	Chemistry
5	List of Bachelor of Science Degrees	84	Chicano-Riqueño Studies
6	List of Bachelor of Fine Arts Degrees	85	Classical Studies
6	List of Certificates	91	Cognitive Science
6	List of Minors	97	Communication and Culture
7	Secondary Teacher Certification	103	Comparative Literature
7	List of Foreign Languages	109	Computer Science
7	Suggested Program for First-Year Students	109	Criminal Justice
7	Students with Disabilities	114	East Asian Languages and Cultures
7	IU Affirmative Action/Equal Opportunity Policy	124	Economics
8	Degree Requirements	129	English
8	Academic Advising	136	Environmental Science
8	Requirements for All Bachelor's Degrees	138	Film Studies
8	Chart: Requirements and Credit Hours—B.A.	139	Fine Arts (History)
9	Fundamental Skills Requirements	140	Fine Arts (Studio)
10	Distribution Requirement	151	Folklore and Ethnomusicology
11	Culture Studies Requirement	156	French and Italian
11	Topics Requirement	162	Gender Studies
11	Requirements for Majors (B.A.)	167	Geography
12	Requirements for the B.F.A. and the B.S.	172	Geological Sciences
12	Second Bachelor's Degree	177	Germanic Studies
12	Requirements for Minors	182	History
13	Courses Outside the College	194	History and Philosophy of Science
13	Policies & Procedures	198	Human Biology
13	Absences from Final Examinations	205	India Studies
13	Absences from Scheduled Classes	208	Individualized Major Program
13	Addition of Courses	209	International Studies Program
13	Applying for Graduation	212	Jewish Studies
14	Change of Major	220	Latin American and Caribbean Studies
14	Class Standing	225	Latino Studies
14	Credit by Examination	226	Leadership, Ethics, and Social Action
14	Credit for Correspondence Courses	227	Liberal Arts and Management Program
14	Extended X	229	Linguistics
14	Grade Appeals and Retroactive Changes	234	Mathematics
14	Grade of Incomplete	242	Medieval Studies
15	Grading System	244	Near Eastern Languages and Cultures
15	Graduate-Level Coursework	249	Philosophy
15	Graduation Dates	253	Physics
15	Junior College Credits	259	Political and Civic Engagement
15	Pass/Fail Option	261	Political Science
15	Undergraduate Status Update Form	269	Poynter Center
15	Transcripts	269	Psychological and Brain Sciences
15	Withdrawals from Courses	278	Religious Studies
15	Academic Standing	286	Russian and East European Institute
15	Academic Probation	290	Second Language Studies (formerly TESOL/ Applied Linguistics)
16	Candidates for Bachelor's Degrees in Good Standing	292	Slavic Languages and Literatures
16	Dismissal	300	Sociology
16	Readmission	306	Spanish and Portuguese
16	Restart Policy	312	Speech and Hearing Sciences
16	Student Records	318	Statistics
16	Confidentiality of Records		

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320	Telecommunications
327	Theatre and Drama
333	West European Studies
341	Distinctions and Opportunities
341	Academic Distinctions
341	Dean's List
341	Degrees Awarded with Distinction
341	Departmental Honors Programs
341	Hutton Honors College
343	Phi Beta Kappa
343	Academic Opportunities
343	CIC CourseShare
343	Experimental Courses
343	Five-Year Programs for B.S. Science Degrees from the College and M.S. Degrees from the School of Education
343	Intensive Freshman Seminars
345	Living-Learning Centers
347	Military Science and Aerospace Studies
347	Minority and First-Generation Scholars Groups Program
347	Groups Program
348	McNair Scholars Program
348	NIH-Initiative for Maximizing Student Diversity Scholars Program at IU Bloomington
348	Overseas Study Programs
349	Science Courses for Non-Science Majors
349	Themester
349	Two Additional Courses
349	Opportunities Outside the College
349	List of Approved Outside Minors
350	Career Development Center
351	Earth Science
351	Jacobs School of Music
352	Kelley School of Business
353	School of Dentistry
353	School of Education
354	School of Health, Physical Education, and Recreation
358	School of Informatics and Computing
358	Major in Computer Science—B.A.
358	B.A. in Computer Science with Honors
358	Minor in Business
358	Minor in Computer Science
359	Four "Outside Minors" and One Certificate Offered by the School of Informatics and Computing
360	School of Journalism
360	School of Medicine
361	School of Optometry
361	School of Public and Environmental Affairs
363	School of Social Work
364	Studying Abroad
365	Appendix I: Culture Studies Courses Requirement
373	Appendix II: Distribution Courses
384	Appendix III: Topics-Qualified Courses
386	Index

Indiana University General Policies, current fees, and  
Veterans Benefits: see [creativeservices.iu.edu/resources/  
bulletins/policies.shtml](http://creativeservices.iu.edu/resources/bulletins/policies.shtml).

# College of Arts and Sciences

## Overview

### Liberal Learning at IU

At the core of Indiana University, as at all distinguished universities and undergraduate institutions, is the College of Arts and Sciences. The College provides the means for undergraduates to acquire a liberal arts education: an education that broadens the student's knowledge and awareness in the major areas of human knowledge, significantly deepens that awareness in one or two fields, and prepares the foundation for a lifetime of continual learning. The distinguishing mark of the university is that its faculty are engaged in the discovery and dissemination of knowledge, thereby offering students an unusually rich opportunity to gain a liberal education.

A liberal arts education begins with the premise that one's world and one's self are worth knowing. To understand our world, we must know something about its physical, biological, cognitive, social, cultural, and spiritual dimensions. The liberal arts provide these perspectives on knowledge to serve as the basis for a full and effective professional and personal life. No better preparation for success in the professions exists than a strong liberal arts education, and our experience demonstrates that the liberal arts help develop the rigor of mind needed for advanced study in any field and for the pursuit of a richer life through the enlargement of mind and spirit.

By its very name, a liberal arts education suggests that broadness of study is a primary concern. It inspires openness and breadth of mind, regard for values unlike our own, and respect for the creative processes of diverse disciplines. The liberal arts emphasize cultural, social, and biological change and assess the impact of technological progress on the world's environment. They generate appreciation and understanding of many societies' past accomplishments and provide the basis for future insight and enterprise.

At Indiana University, the liberal arts curriculum of the College of Arts and Sciences directs its students to achieve 11 major goals:

1. Our students must achieve the **genuine literacy** required to read and listen effectively, and to speak and write clearly and persuasively.
2. The liberal arts teach students to **think critically and creatively**. As perceptive analysts of what they read, see, and hear, students must learn to reason carefully and correctly and to recognize the legitimacy of intuition when reason and evidence prove insufficient.
3. By gaining **intellectual flexibility and breadth of mind**, liberal arts students remain open to new ideas and information, willing to grow and learn, and sensitive to others' views and feelings.
4. The curriculum of the College of Arts and Sciences helps students **discover ethical perspectives** so that they can formulate and understand their own values, become aware of others' values, and

discern the ethical dimensions underlying many of the decisions they must make.

5. A quality liberal arts education includes an **appreciation of literature and the arts** and the cultivation of the aesthetic judgment that makes possible the enjoyment and comprehension of works of the creative imagination.
6. Liberal arts students must **understand and practice scientific methods**. This approach to knowledge forms the basis of scientific research; guides the formation, testing, and validation of theories; and distinguishes conclusions that rest on unverified assertion from those developed through the application of scientific reasoning.
7. Mathematical and statistical studies teach arts and sciences students to **reason quantitatively**, a skill essential in an increasingly technological society.
8. A liberal arts education must develop **historical consciousness** so that students can view the present within the context of the past; appreciate tradition; and understand the critical historical forces that have influenced the way we think, feel, and act.
9. The College of Arts and Sciences emphasizes the **study of the international community** and encourages students to become involved in the contemporary world. By understanding the range of physical, geographic, economic, political, religious, and cultural realities influencing world events, students cultivate an informed sensitivity to global and environmental issues.
10. Students in the liberal arts **develop basic communication skills** in at least one foreign language, providing the fundamental skills for communicating with people from other cultures and offering insights into other patterns of thought and modes of expression.
11. The breadth of knowledge characteristic of a liberal arts education requires an **in-depth knowledge of at least one subject** to be complete. Students in the College of Arts and Sciences must learn to acquire and manage a coherent, sophisticated understanding of a major body of knowledge with all its complexities, power, and limitations.

The liberal arts education of the College of Arts and Sciences provides the fundamental knowledge, skills, and experience essential for a full, rich, and rewarding life. Such an education taps many of the capacities that we as human beings possess. It offers us fuller lives, in understanding and expressing ourselves and in relating to others.

The arts and sciences are pre-professional in the best sense. They serve as a foundation for many professions, many ways of earning a living. More than training for today's occupations, a liberal arts education offers students the foresight and flexibility they will need as they move on to careers and technologies not yet known or imagined.

Finally, a liberal arts education develops the qualities of mind that are needed by informed and responsible people. Any decision or action—whether personal or professional—informed by knowledge, rationality, and compassion makes the greatest contribution to a better world.

## The College of Arts and Sciences

The education offered by the College of Arts and Sciences is based on a tradition established when Indiana University was founded in 1820 as a liberal arts institution. What are now departments in the College served then as the core of the university from which all the other schools and units developed.

Today the College continues its central role in the mission of Indiana University. The College not only offers more than 70 baccalaureate majors leading to the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Fine Arts degrees; it also provides much of the general education for undergraduate students in the Schools of Continuing Studies; Education; Health, Physical Education, and Recreation; Informatics and Computing; Journalism; Public and Environmental Affairs; Social Work; the Kelley School of Business; and the Jacobs School of Music.

At the heart of the College's tradition is excellence in teaching based on excellence in research. College faculty, who are at the forefront of their disciplines, teach at all levels of the curriculum, from freshman through senior and graduate courses. Although the content of courses has changed as society has changed and knowledge has developed, the College faculty has always sought to provide students with specialized knowledge in a major field of study that is enriched by a broad liberal arts education. For nearly 190 years, the mission of the faculty has been to provide students with the knowledge, skills, and perspectives to help them develop an understanding of themselves and the world around them through a combination of specialized and general study.

The present degree requirements of the College of Arts and Sciences relate these principles to the modern world. Fundamental skills courses in writing, mathematics, and foreign language provide opportunities for students to develop communication and computational skills for use in their own society as well as for use in understanding other societies. The Topics curriculum and distribution requirements are designed for students to acquire broad familiarity with the general areas of human knowledge by taking courses in the arts and humanities, social and historical studies, and natural and mathematical sciences. The culture studies requirement enables students to enrich their understanding of their neighbors in a shrinking world. These courses serve as the foundation upon which students can develop a major program of study. Because of the richness and diversity of its more than 70 majors, the College offers students a variety of advising services to help them take full advantage of their opportunities at Indiana University. Academic assistant deans in the College can answer specific questions or talk with students about their goals. Academic advisors in each department in the College are eager to help students understand the special requirements and options of the department, and are also happy to discuss general degree requirements and the best options for their completion. Finally, counselors in Arts and Sciences Career Services in the Career Development Center help students understand how to combine their liberal arts education and their career goals in satisfying employment.

## Contact Information

For questions and referrals regarding undergraduate education in the College of Arts and Sciences, please visit <http://college.indiana.edu/recorder/>.

You may also call, e-mail or walk-in to:

### College of Arts and Sciences Recorder's Office

Kirkwood Hall 001  
130 S. Woodlawn Ave.  
Bloomington, IN 47405-7104  
(812) 855-1821  
Fax: (812) 855-2060  
E-mail: [coasrecd@indiana.edu](mailto:coasrecd@indiana.edu)  
Office Hours: Monday - Friday, 9am to 4pm

## Student Responsibility

Students are responsible for planning their own programs and for meeting the degree requirements for graduation. For advice in fulfilling these requirements and in planning a course of study, students in the College should regularly seek out academic counseling from the academic advisors in the departments that offer the major(s), minors(s), and certificates(s) that the students hope to pursue. Although faculty and academic advisors will do their best to aid students, it is ultimately each student's responsibility to plan an appropriate academic course of study and to fulfill the various degree requirements. Familiarizing themselves with the contents of this *Bulletin* is a crucial first step that students can and should take to ensure familiarity with the opportunities available to and requirements expected of all students in the College of Arts and Sciences.

The online Academic Advisement Report (AAR) is another valuable resource that will help students to plan a course of study and monitor their progress toward a degree. It provides detailed information regarding both the various degree requirements that students have fulfilled and those that they still need to complete. Students who need clarification regarding any information on their AAR or any of the requirements for their degree program are urged to contact their academic advisor or the [College of Arts and Sciences Recorder's Office](#) (Kirkwood Hall 001).

Finally, Indiana University reserves the right to change course offerings without notice. Students are responsible for consulting the online [Schedule of Classes](#) for the most up-to-date listing.

## Matriculation Date and Degree Requirements

For an undergraduate student pursuing a degree in the College of Arts and Sciences at Bloomington, the applicable degree requirements are those in effect at the time he or she matriculated at Indiana University (any campus) as a degree-seeking student. Students admitted for the fall semester who elect to take courses in the preceding summer will be bound by the degree requirements in effect for the fall for which they are admitted. A student who fails to complete a degree within eight years of matriculation will forfeit the automatic right to use the requirements in effect at the time of matriculation. Students in this situation with questions about remaining requirements should contact the College Recorder's Office, Kirkwood Hall 001, (812) 855-1821 or [coasrecd@indiana.edu](mailto:coasrecd@indiana.edu).



## Abbreviations

The various abbreviations used in this *Bulletin* are explained below. An important abbreviation to begin with is “the College,” which refers to the College of Arts and Sciences at Indiana University.

### Distribution Requirements

In this *Bulletin*, courses that fulfill the distribution requirements of the College of Arts and Sciences are designated by specific abbreviations immediately following the course titles.

- Courses that fulfill this distribution requirement are designated by **A & H**.
- Courses that fulfill this distribution requirement are designated by **S & H**.
- Courses that fulfill this distribution requirement are designated by **N & M**.

### Topics Requirement

Courses that fulfill this requirement are designated by **TFR**.

### Culture Studies Requirement

Courses that fulfill the culture studies requirement of the College of Arts and Sciences are designated by specific abbreviations immediately following the course titles.

- Courses that carry culture studies credit appropriate for List A are designated by **CSA**.
- Courses that carry culture studies credit appropriate for List B are designated by **CSB**.

### Prerequisites

Consent of the instructor is an implicit prerequisite for all courses in the College of Arts and Sciences. However, there are often special prerequisites designated in the course description.

- **Required Courses or Prerequisites** The abbreviation “P” followed by a colon indicates course prerequisites that must be met before enrollment.
- **Recommended Courses** The abbreviation “R” followed by a colon indicates courses that are suggested as desirable prior to, but not necessary for, enrollment.
- **Concurrent Courses or Corequisites** The abbreviation “C” followed by a colon indicates courses to be taken at the same time.

### Semester Designation

If courses are offered in particular semesters, they may be so designated by following the course description with the abbreviations listed below. For courses with no semester designations, refer to the online Schedule of Classes.

- **First Semester** Courses that are expected to be offered first semester 2010–11 are designated by “I Sem.”
- **Second Semester** Courses that are expected to be offered second semester 2010–11 are designated by “II Sem.”
- **Summer Session** Courses that are expected to be offered during summer session 2010 are designated by “SS.”

## Admission

### Admission to IU

Most incoming freshmen admitted to Indiana University first enter the [University Division](#), where they must complete a specific set of requirements if they are interested in gaining admittance to the College of Arts and Sciences. Although the University Division provides advising services, students who are considering pursuing a degree from the College should also meet, early in their time at IU, with the advisor from any department(s) that offers a major, minor, or certificate that the student thinks he or she may want to pursue. Also, a small number of incoming students with records of academic excellence may be invited to apply for direct admission to the College.

### Entering the College

Most incoming students admitted to Indiana University first enter the [University Division](#). With the exception of those individuals who are admitted directly into the College (see Direct Admission), students who wish to enter into the College must complete three requirements:

- complete 26 credit hours of course work that can count toward a degree in the College;
- maintain a minimum cumulative College grade point average of 2.000;
- satisfy the English composition requirement.

IU students at other schools on the Bloomington campus who wish to enter the College must fulfill the same entry requirements as University Division students.

When students in the University Division have satisfied the College entry requirements, they will be certified to the College department that offers the major that they have chosen to pursue (and that is listed on their record). To declare or change a major, students in University Division should see their University Division advisor or go to the [University Division Records Office](#), Maxwell Hall 030. Students are encouraged, early on in their time in University Division, to make an appointment with the advisor of any departments that offer majors that students think they may want to pursue.

It is important to note that, even when they are still in University Division, students can begin to satisfy College degree requirements.

### Direct Admission

The College of Arts and Sciences recognizes the achievements of a small number of outstanding incoming freshmen each year by extending to them invitations of direct admission. Most students who are admitted to Indiana University begin their studies in the University Division, where they must complete certain requirements before they can enter the College of Arts and Sciences. Direct admission enables invited students, who are chosen by the College’s selection committee, to bypass University Division and, instead, enter immediately into the College. Such students can declare a major at the start of their freshman year.

Students interested in being considered for direct admission to the College should first apply for admission to IU Bloomington through the [Office of Admissions](#). Students admitted to the Bloomington campus by the deadline (see Web site for exact date) who have indicated

an intended major in the College of Arts and Sciences and who meet initial eligibility criteria are invited, via email and in the IU admission packet, to complete IU's multi-purpose application packet known as the Selective Scholarship Application (SSA). The SSA (including the required letters of recommendation) must be completed and returned by the date specified on the application for consideration for direct admission.

Students admitted to IU Bloomington by the deadline who do not receive an invitation to complete the online SSA may petition for the opportunity to be considered for direct admission. Contact the College's Office of Undergraduate Recruitment for more details by sending an email to [coasinfo@indiana.edu](mailto:coasinfo@indiana.edu).

More information about direct admission to the College of Arts and Sciences is available at [www.indiana.edu/~college/ado/dap/direct.shtml](http://www.indiana.edu/~college/ado/dap/direct.shtml).

## Transfer Students

### Transfers from Undergraduate Programs in Other Schools on the Bloomington Campus

Students transferring to the College of Arts and Sciences from undergraduate programs in other schools of the university, such as the Kelley School of Business, the School of Education, or the Jacobs School of Music, must have completed at least 26 credit hours that can count toward a degree in the College with a minimum cumulative College of Arts and Sciences grade point average of 2.000. They also must have completed the English composition requirement. Engineering and technical courses, including courses from the School of Engineering and Technology, cannot be applied as credit toward a degree program in the College of Arts and Sciences. Students must contact the advisor in the department in which they wish to become a major. The advisor will submit a School Change Request to the [College Recorder's Office](#) (Kirkwood Hall 001) for processing. Requests to change schools must be completed by July 1 for the fall semester, December 1 for the spring semester, and April 15 for the summer session.

### Transfers to and from Other Indiana University Campuses

Students can transfer easily from one campus of Indiana University to another and continue their studies as degree candidates. Credits are evaluated on a course-by-course basis, but students generally find that most courses do transfer because of the similarity of course work on the eight campuses. Transferring students should note that the degree requirements differ among the various campuses of Indiana University. Students who are eligible to transfer as degree candidates from one campus of Indiana University to another must meet the degree requirements of the degree-granting division of the campus from which they expect to graduate.

### Transfers from Other Indiana University Campuses to the College

Students transferring to the College of Arts and Sciences at Bloomington from other campuses of Indiana University must have completed at least 26 credit hours that can count toward a degree from the College, maintained a minimum cumulative College of Arts and Sciences grade point average of 2.000, and completed the English composition requirement. See above ("Transfers to and

from Other Indiana University Campuses") for additional requirements in effect.

For detailed information about applying for intercampus transfers, see [www.iupui.edu/~moveiu](http://www.iupui.edu/~moveiu).

### Transfers from Other Colleges and Universities

Indiana University welcomes students who wish to transfer from other colleges or universities. Students who have completed less than one full year of academic course work will be considered for admission into the University Division. Students who have completed at least 26 credit hours that can count toward a degree in the College, a year of course work at another institution, and the English composition requirement may be granted admission to the College of Arts and Sciences.

Applications for transfer admission are evaluated on the basis of a number of factors, including the following:

- A minimum cumulative grade point average of 2.000 on a 4.000 scale. A higher GPA is required for certain majors. In addition, nonresidents of Indiana will be expected to have a considerably higher GPA for consideration.
- A high school record showing satisfactory entrance units.
- Evidence of good standing in the institution last attended.
- Official transcripts of credits and grades earned in all subjects. Acceptance of credit from other institutions will be determined by the Office of Admissions. The applicability of credit toward degree requirements in the College will be determined by the Dean of the College. Only credits earned at Indiana University will count toward a student's cumulative grade point average. Courses from other colleges and universities transfer as credit only, with the exception of courses that transfer into a student's major; the grades associated with these courses are factored into the student's major grade point average.

For additional information and application deadlines, please refer to the Office of Admissions Web site at [www.admit.indiana.edu](http://www.admit.indiana.edu).

## Exploratory Students

Students wishing to pursue baccalaureate degrees in the College who have not yet chosen majors and who have completed no more than 55 degree credit hours may enter the College as exploratory students. Exploratory students are assigned an advisor who will help them clarify their interests and aptitudes and guide them toward appropriate majors. Students who are already admitted to the College and who wish to change majors or schools may also declare that they are exploratory on approval of the exploratory advisor. Students may remain in the exploratory category only for a limited period. All College of Arts and Sciences students must declare and complete a major in the College to be eligible for graduation.

## Degrees, Majors, Minors & Certificates

### List of Majors (Bachelor of Arts)

The College of Arts and Sciences offers the Bachelor of Arts (B.A.) degree with the following majors:

- African American and African Diaspora Studies
- American Studies
- Anthropology
- Biochemistry
- Biology
- Chemistry
- Classical Civilization (Art and Archaeology, Culture and Literature)
- Classical Studies (Latin, Greek)
- Cognitive Science
- Communication and Culture
- Comparative Literature
- Computer Science
- Criminal Justice
- East Asian Language and Culture (Chinese, Japanese, Korean)
- East Asian Studies
- Economics
- English
- Folklore and Ethnomusicology
- French
- Gender Studies
- Geography
- Geological Sciences
- Germanic Studies
- History
- History of Art
- Human Biology
- India Studies (as part of a double major)
- Individualized Major Program
- International Studies
- Italian
- Jewish Studies
- Linguistics
- Mathematics
- Microbiology
- Near Eastern Languages and Cultures (Language Track: Arabic, Hebrew, Persian; Culture Track)
- Philosophy
- Physics
- Political Science
- Portuguese
- Psychology
- Religious Studies
- Slavic Languages and Literatures (Russian; others by special arrangement)
- Sociology
- Spanish
- Speech and Hearing Sciences
- Studio Art
- Telecommunications
- Theatre and Drama

For further information, refer to the entry for the host department in this *Bulletin*.

### List of Interdepartmental Majors (Bachelor of Arts)

The College of Arts and Sciences offers the Bachelor of Arts (B.A.) degree with the following interdepartmental majors:

- African American and African Diaspora Studies and English
- African American and African Diaspora Studies and History
- African American and African Diaspora Studies and Religious Studies
- African American and African Diaspora Studies and Sociology
- Economics and Mathematics
- Economics and Political Science
- English and African American and African Diaspora Studies
- History and African American and African Diaspora Studies
- Linguistics and Speech and Hearing Sciences
- Mathematics and Economics
- Philosophy and Political Science
- Philosophy and Religious Studies
- Political Science and Economics
- Political Science and Philosophy
- Psychology and Speech and Hearing Sciences
- Religious Studies and African American and African Diaspora Studies
- Religious Studies and Philosophy
- Sociology and African American and African Diaspora Studies
- Speech and Hearing Sciences and Linguistics
- Speech and Hearing Sciences and Psychology

For further information, refer to the entries for the host departments in this *Bulletin*.

### List of Bachelor of Science Degrees

The College of Arts and Sciences offers the following Bachelor of Science (B.S.) degrees:

- Apparel Merchandising
- Astronomy and Astrophysics
- Biochemistry
- Biology
- Biotechnology
- Chemistry
- Cognitive Science
- Environmental Science (jointly administered with the School of Public and Environmental Affairs)
- Geography
- Geological Sciences
- Human Biology
- Interior Design
- Mathematics
- Microbiology
- Neuroscience
- Physics
- Psychology

- Speech and Hearing Sciences
- Statistics

For further information, refer to the entry for the host department in this *Bulletin*.

## List of Bachelor of Fine Arts Degrees

The College of Arts and Sciences offers the following Bachelor of Fine Arts (B.F.A.) degrees:

- Musical Theatre
- Studio Art

For further information, refer to the entry for the host department in this *Bulletin*.

## List of Certificates

In addition to completing the requirements for a Bachelor's degree, students may earn certificates in the following areas:

- African Studies
- Animal Behavior
- Atmospheric Science (Department of Geography)
- Criminal Justice
- Cultures of Science and Medicine (Department of History and Philosophy of Science)
- Fashion Design (Department of Apparel Merchandising and Interior Design)
- Game Studies (Department of Telecommunications)
- Global Human Diversity (Department of Anthropology)
- Human Biology
- India Studies
- Jewish Studies
- Latin American and Caribbean Studies
- Liberal Arts and Management
- Medieval Studies
- Neuroscience (Department of Psychological and Brain Sciences)
- New Media and Interactive Storytelling (Department of Telecommunications)
- Political and Civic Engagement

For more information, refer to the entry for the host department in this *Bulletin*.

## List of Minors

In addition to completing the requirements for a Bachelor's degree, students may earn minors in the following areas:

- African American and African Diaspora Studies
- African Languages (Department of Linguistics)
- American Studies
- Animal Behavior
- Anthropology
- Apparel Merchandising
- Archaeology (Department of Anthropology)
- Asian American Studies
- Astronomy and Astrophysics
- Biology
- Central Eurasian Studies
- Central Eurasian Studies with Language Certification
- Chemistry
- Classical Civilization

- Cognitive Science
- Communication and Culture
- Comparative Arts (Department of Comparative Literature)
- Comparative Literature
- Computer Science
- Creative Writing (Department of English)
- Criminal Justice
- Dutch Studies (Department of Germanic Studies)
- East Asian Languages
- East Asian Studies
- Economics
- Economics and Political Science
- English
- European Union Studies (Program in West European Studies)
- Folklore and Ethnomusicology
- French
- Gender Studies
- Geography
- Geological Sciences
- German
- Germanic Studies
- Greek (Department of Classical Studies)
- Hebrew (Jewish Studies Program)
- History
- History and Philosophy of Science
- History of Art (School of Fine Arts)
- India Studies
- International Studies
- Italian
- Latin (Department of Classical Studies)
- Latin American and Caribbean Studies
- Latino Studies
- Linguistics
- Mathematics
- Medieval Studies
- Near Eastern Languages and Cultures
- Norwegian (Department of Germanic Studies)
- Philosophy
- Physics
- Political Science
- Political Science and Economics
- Portuguese
- Psychology
- Religious Studies
- Russian and East European Studies
- Russian and East European Studies with Language Certification
- Slavic Languages and Literatures
- Social Science and Medicine (Department of Sociology)
- Sociology
- Sociology of Work and Business
- Spanish
- Speech and Hearing Sciences
- Speech and Hearing Sciences (Preprofessional)
- Studio Art (School of Fine Arts)
- Telecommunications
- Theatre and Drama

- West European Studies
- Yiddish Studies (Department of Germanic Studies)

For further information, refer to the entry for the host department in this *Bulletin*.

## Secondary Teacher Certification

If they plan their course work carefully, students who receive degrees in the College can also receive certification to teach in secondary schools. Students should consult the [School of Education Undergraduate Academic Bulletin](#). Students should also contact the academic advisor in their major department and an advisor in the School of Education for full details.

Students satisfying requirements for a teaching certificate:

- may take a maximum of 29 credit hours outside the College if the courses selected are required for teaching certification;
- may need to complete more than 122 credit hours.

## List of Foreign Languages

Course sequences that fulfill the foreign language requirement may be offered in the languages listed below. Students should consult the departmental course descriptions for specific courses. Students interested in less frequently taught languages must confer directly with the appropriate department; availability of multiple semesters in these languages cannot be guaranteed.

- Akan
- American Sign Language
- Arabic
- Azerbaijani
- Bamana
- Bengali
- Chinese—Mandarin
- Croatian
- Czech
- Dutch
- Estonian
- Finnish
- French
- German
- Greek (Classical, Modern)
- Haitian Creole
- Hausa
- Hebrew (Biblical, Modern)
- Hindi
- Hungarian
- Italian
- Japanese
- Kazakh
- Korean
- Lakota (Sioux)
- Latin—Classical
- Mongolian
- Norwegian
- Pashto
- Persian
- Polish
- Portuguese
- Quechua

- Romanian
- Russian
- Sanskrit
- Serbian
- Spanish
- Swahili
- Tajik
- Tibetan
- Turkish
- Turkmen
- Urdu
- Uyghur
- Uzbek
- Wolof
- Yiddish
- Zulu

## Suggested Program for First-Year Students

The following program is suggested only as a general guide. Students should see their advisor before determining a schedule.

### First Semester

- English Composition or Mathematics requirement (3–4 cr.)
- Foreign Language (3–5 cr.)
- One Topics course and/or other distribution or Culture Studies requirement (3–6 cr.)
- Course in potential major or elective (3 cr.)

### Second Semester

- English Composition or Mathematics requirement (3–4 cr.)
- Foreign Language (3–5 cr.)
- One Topics course and/or other distribution or Culture Studies requirement (3–6 cr.)
- Course in potential major or elective (3 cr.)

## Students with Disabilities

Students with a learning disability, hearing impairment, speech impairment, or any other disability that may affect their ability to fulfill a requirement of the College should contact the [Office of Disability Services for Students](#), Franklin Hall 006, (812) 855-7578, prior to registering. Requirements will not be waived for students with disabilities; however, some modifications may be made within specific courses. Students seeking such modifications should do so early in their academic career to ensure timely progress to degree completion.

## Indiana University Affirmative Action/ Equal Opportunity Policy

Indiana University pledges itself to continue its commitment to the achievement of equal opportunity within the university and throughout American society as a whole. In this regard, Indiana University will recruit, hire, promote, educate, and provide services to persons based upon their individual qualifications. Indiana University prohibits discrimination based on arbitrary consideration of such characteristics as age, color, disability, ethnicity, gender, marital status, national origin, race, religion, sexual orientation, or veteran status.

Indiana University shall take affirmative action, positive and extraordinary, to overcome the discriminatory effects of traditional policies and procedures with regard to the disabled, minorities, women, and Vietnam-era veterans.

The university director of affirmative action is responsible for carrying out the affirmative action program for units in central administration. In addition, there is an affirmative action officer on each campus who develops and administers the program there.

## Degree Requirements

### Academic Advising

The College has a staff of dedicated and knowledgeable academic advisors who help students make informed decisions about their course of study and maximize the College experience. Students should seek out and work with advisors in College departments that offer the majors, minors, and certificates they are interested in pursuing. [Please see the "Faculty" page that is included within each "Department and Program" in this *Bulletin* for a list of that unit's academic advisor(s) and contact information.] Advisors can aid students in the understanding of this *Bulletin* and their Academic Advisement Reports, which document student progress toward the completion of degree requirements. Nevertheless, it is imperative that students remember it is ultimately their responsibility to inform themselves about requirements to earn a Bachelor's Degree from the College, and to make sure that they plan their course of studies to achieve their academic objectives. For more information, see "Student Responsibility" under the "Overview" section of this *Bulletin*.

### Requirements for All Bachelor's Degrees

Students must complete a minimum of 122 credit hours to graduate. At least 100 credit hours must be earned in courses offered by the College of Arts and Sciences. Students may select the remaining 22 credit hours from courses either inside (see point 4 below for clarification) or outside of the College.

1. The College does not accept certain types of credit, including engineering, technology, or self-acquired competency credits.
2. Students must have a minimum cumulative College of Arts and Sciences grade point average of 2.000 (C) in order to graduate. Any course taken to satisfy the requirements of a major must be completed with a minimum grade of C–, and the grade point average of all courses taken in the major must be at least 2.000 (C).
3. Students must complete a minimum of 36 credit hours in courses at the 300–400 (junior-senior) level for the B.A. or B.F.A. degree. Students must complete a minimum of 30 credit hours at the 300–400 (junior-senior) level for the B.S. degree.
4. Students must take at least 25 College of Arts and Sciences credit hours in the major subject area. For B.A. programs, no major department may require more than 42 credit hours in the major. (This stipulation does not apply to interdepartmental majors.) However, especially for students considering graduate school, a maximum of 22

major credit hours taken in excess of 42 may be counted toward the 122 minimum credit hours required. Except for students pursuing a teaching certificate, the sum total of credit hours taken outside of the College and excess major credit hours may not exceed 22 credit hours, unless these credit hours are on top of the 122 that a student needs to graduate.

5. Once a student has completed 86 credit hours and thereby attained Senior Status, she or he must complete at least 26 of the remaining credit hours in residence on the Bloomington campus of Indiana University. At least 12 credit hours of course work in the major field of study must be completed on the Bloomington campus.
6. Every degree candidate must satisfy the requirement of one Topics course, which must be taken on the Bloomington campus.
7. Requests for exceptions to College requirements may be granted by written approval from the [Office of Undergraduate Academic Affairs](#), Kirkwood Hall 012. Requirements cannot be waived.
8. Students with a learning disability, hearing impairment, speech impairment, or any other disability that may affect their ability to fulfill a requirement of the College should contact the [Office of Disability Services for Students](#), Franklin Hall 006, (812) 855-7578, prior to registering. Requirements will not be waived for students with disabilities; however, some modifications may be made within specific courses. Students seeking such modifications should do so early in their academic career to ensure timely progress to degree completion.

### Chart: Requirements and Credit Hours—B.A.

In addition to fulfilling the requirements for a major, students pursuing a B.A. must also complete fundamental skills, distribution, and culture studies requirements. (Fundamental skills requirements encompass writing, foreign language, and math). Students must also complete a Topics course. Requirements completed in one area may, under certain conditions, also fulfill requirements in other areas. Finally, students may test out of all but 3 credit hours (Intensive Writing) of the fundamental skills requirement. The requirement for the major ranges from 25–42 credit hours, depending on the major.

The following chart depicts the credit hours required to fulfill a B.A. degree:

<b>Fundamental Skills Requirements</b>	<b>Credit Hours</b>
<i>Writing</i>	
English Composition	3
Intensive Writing	3
<i>Foreign Language</i>	
Four-semester sequence	10–18
<i>Mathematics</i>	
	0–4
<b>Distribution Requirement</b>	
Arts and Humanities (four courses)	12
Social and Historical Studies (four courses)	12
Natural and Mathematical Sciences (four courses)	12–20
<b>Culture Studies Requirement</b>	
Two courses from List A or one course from List A and one course from List B	6
<b>Topics Requirement</b>	
	3
<b>Major Concentration</b>	
	25–42
<b>Electives</b>	
	2–61
<b>Total Credit Hours</b>	
(including a minimum of 100 credit hours inside the College)	122

## Fundamental Skills Requirements

### Writing

Students must complete English composition and intensive writing requirements.

#### English Composition

This part of the writing requirement may be fulfilled in any one of the following ways:

- Exemption without credit. Students scoring 670 or higher on the SAT Critical Reading test, or 32 or above on the ACT English Composition section, or 4 to 5 on the Advanced Placement English Composition section, are exempt from English composition.
- Exemption with credit. A student will be granted 2 credit hours of English W143 if the student has:
  - a score of 670 or above on the SAT Critical Reading test, or 32 or above on the ACT English Composition section, or 4 to 5 on the Advanced Placement English Composition section, plus

- a score of 660 or higher on the SAT Writing Test, and if the student applies to the Department of English in Ballantine Hall 442.

- Completion of any of the following options with a grade of C– or higher:
  - English W131 (3 cr.)
  - English W170 (3 cr.)
  - African American and African Diaspora Studies A141 and A142 (4–4 cr.)
  - Two semesters of English W143 (1 cr.) combined with two introductory courses, Comparative Literature C145 and C146 (3–3 cr.)
  - One of the following combinations:
    - AAAD L141 (4 cr.) and CMLT C146 (3 cr.) + ENG W143 (1 cr.)
    - CMLT C145 (3 cr.) + ENG W143 (1 cr.) and AAAD A142 (4 cr.)

Note: Courses taken under these options, except for English W131, W143, and W170, may, if they are so designated, be applied toward distribution requirements.

#### Intensive Writing

This part of the writing requirement may be fulfilled by completing one intensive writing course at or above the 200 level after completing the English composition requirement. Normally, intensive writing sections are taught by faculty in small sections and include written assignments in which students are asked to make, illustrate, and develop arguments. Graded revision of assignments is a requirement of all intensive writing courses. Students must check the listings for courses in the online [Schedule of Classes](#) each semester to make certain that the course section they have chosen fulfills the requirement.

Intensive writing credit will not be awarded for written work in courses that are not listed as intensive writing unless special arrangements have been completed and approved prior to the relevant deadline. All special arrangements are subject to the approval of the College. Students who wish to arrange an individual intensive writing component for a course or section that is not listed as intensive writing must obtain the approval of the faculty director of undergraduate studies of the department of their major concentration as well as that of the [Office of Undergraduate Academic Affairs](#) of the College of Arts and Sciences (Kirkwood Hall 012). The deadline for submitting a [Proposal to Satisfy Intensive Writing by Special Arrangement](#) is the end of the second week of instruction for regular semester-length courses, the end of the first week of instruction for eight-week courses, and the end of the first week of instruction for a course taught in a summer session.

#### Mathematics

Students must demonstrate mastery of a fundamental skill in mathematics, which is defined as a level of proficiency equivalent to three years of high school math. This proficiency is needed for study in many courses throughout the College of Arts and Sciences curriculum. Students may demonstrate mastery of a fundamental skill in mathematics in any one of the following ways:

1. Earning a minimum math test score of 650 on the SAT exam or 29 on the ACT exam.
2. Completing MATH M025 (A025) or MATH M027 with a minimum grade of C–. (Note that MATH M025 [A025] and MATH M027 do not carry hours of credit toward a degree program in the College.)
3. Completing with a minimum grade of C– or being exempted from MATH A118, M118, M119, M211, M213, D116 and D117 (both courses must be successfully completed), or mathematics courses that directly presuppose the fundamental skill proficiency.
4. Earning appropriate scores on CEEB Advanced Placement tests in calculus or through departmental examinations. Students who pass a departmentally administered examination may be eligible for special credit. For information about applying for these credit hours, refer to “Credit by Examination” in the section of this *Bulletin* entitled “Policies & Procedures.”

Students entering the College who have scored below 400 on the SAT mathematics section or below 20 on the ACT mathematics sections are advised to enroll in MATH M014 before fulfilling the mathematics requirement.

Students with incomplete records can take a placement test administered by the Department of Mathematics.

## Foreign Language

Students pursuing the B.A. or B.F.A. degree must complete the study of a single foreign language through the second semester of the second year of college-level course work. Students who wish to continue at Indiana University a foreign language begun in high school or at another university must take a foreign language placement test. Contact the Evaluation Services and Testing office at (812) 855-1595 or individual foreign language departments for more information.

All or part of the foreign language requirement may be fulfilled by performance on placement examinations. Completion of high school foreign language courses is not accepted as a basis for exemption. Students may fulfill the entire foreign language requirement by placing into the third-year level, although students will not receive credit for these courses unless they take, on the Bloomington campus, the next course in the sequence (the course into which they place). With the permission of the College, students whose native language is not English may fulfill the foreign language requirement through demonstrated proficiency in their native language. Students interested in this option should contact the [Office of Undergraduate Academic Affairs](#), Kirkwood Hall 012, as early in their undergraduate careers as possible.

### Special Credit Option

Students whose scores on a language placement exam administered by the Bloomington campus place them in or beyond the second semester of language study may be eligible for special credit in that language. For additional information and restrictions, please see the *Bulletin* entry for the relevant department. Students must apply for the special credit, which is subject to the following rules:

1. Students who earn exemption from one or more semesters may be eligible for special credit toward graduation. Students earning exemption from the first or second semester of foreign language

study may receive 4–5 or 8–10 credit hours of special credit as appropriate when they apply. Students who are eligible for such credit in French, German, Hebrew, Italian, or Spanish will receive credit automatically if the placement test is taken on the Bloomington campus or if the student's CEEB test score is sent to Indiana University Bloomington. First-year special credit in other foreign languages will be granted to eligible students once the department at the Bloomington campus administering the placement exam has notified the College's [Office of the Recorder](#).

2. Students who earn exemption from the third or fourth semesters may receive 3–4 or 6–8 hours of additional special credit only if they enroll in a specified language course—at the Bloomington campus—at the level at which they place and complete that course with a minimum grade of C–. (Note: Placement into or beyond the fifth-semester level of a foreign language fulfills the foreign language requirement, but successful completion of the placement course on the Bloomington campus is required to qualify for third- and fourth-semester special credit.) Students may also earn special credit for semesters beyond the fifth semester, but they can only do so by earning a grade of at least a C– in the next course in the language sequence; this course must be taken on the Bloomington campus.
3. The grade for special credit will be S (Satisfactory). It is the student's responsibility to request that the language department send information regarding a student's special credit to the College's [Office of the Recorder](#).
4. International students whose native language is not English may demonstrate required proficiency in their language, with permission of the College. They may not, however, earn credit for any courses at the first- or second-year level in their native language.

## Distribution Requirement

To ensure that students gain a rich and varied education, the College requires students to complete 12 courses for distribution requirements. Students must complete four designated courses in the arts and humanities, four designated courses in social and historical studies, and four designated courses in natural and mathematical sciences. Specific courses that fulfill distribution requirements are designated by abbreviations following the course titles (i.e. A & H, S & H, N & M). For a complete list of courses that fulfill the distribution requirements, please see the section of this *Bulletin* entitled “Appendix II,” which can be found under “Course Designations.”

A course can carry only one distribution designation.

### Arts and Humanities (A & H)

Courses in this area help students think about the complexity of human experience, appreciate the range of human thought and emotion, learn about varieties of aesthetic expression, and grapple with moral issues. Such courses study written texts and works in literature, the visual arts, music, and the other performing arts, as well as philosophical and religious thought, and intellectual and cultural traditions. The approach may be comparative, historical, or analytical, but the emphasis is on developing students' interpretive and critical skills.



### Social and Historical Studies (S & H)

Courses in this area analyze social institutions, the behavior of individuals in social contexts and historical settings, and changes in social conditions over time. Such courses study the political, economic, and cultural institutions of society, from individuals in social interactions to the international system of nation-states and transnational organizations and actors as well as changes in the human condition over time, including the inception, development, and transformation of institutions and civilizations, ideas, genres, or forms of representation.

### Natural and Mathematical Sciences (N & M)

Courses in this area provide an appreciation of the physical and biological environment, introduce students to systematic investigation of that environment, show the value of experimental methods for understanding natural laws, and explore the role and methods of the mathematical sciences. Such courses study the natural sciences, introducing and emphasizing basic principles of the chemical, physical, and life sciences, and expanding students' understanding of the physical world and scientific inquiry about it, as well as analytical reasoning, the mathematical sciences, and the thinking process and its representations. Courses may focus on forms of reasoning or the nature and processes of cognition and computation.

### Culture Studies Requirement

Culture studies courses introduce students to cultural systems different from that of mainstream America. The courses expose students to sets of values, attitudes, and methods of organizing experience that may not be obtained from the predominant American culture. Such exposure should lead students to understand the facts, possibilities, and limitations of their own cultural conditioning.

Students must observe the following guidelines when fulfilling the culture studies requirement:

1. Students are required to complete two courses that carry culture studies credit.
2. Students must complete one course from List A (please see the section of this *Bulletin* entitled "Appendix I," which can be found under "Course Designations").
3. Students must take another course either from List A or from List B (see "Appendix I").
4. Students who successfully complete an academic year abroad in a program sponsored by the Indiana University [Office of Overseas Study](#) will satisfy the culture studies requirement through the course work they take during the year-long program.
5. Students who successfully complete a semester abroad in a program sponsored by the Indiana University [Office of Overseas Study](#) will earn the equivalent of one Culture Studies List A course through the course work they take abroad.

### Topics Requirement

Students in the College must take one Topics course. These courses expose students to the questions asked and methods pursued by scholars within broad branches of learning (arts and humanities, social and historical studies, and natural and mathematical sciences). Topics courses focus on a particular subject area or

topic, and also offer an opportunity for exploring the ways in which knowledge is broken down within the university, the various approaches taken by practitioners from different fields, and the possibilities for crossing disciplinary boundaries. Because Topics courses employ and compare a number of different critical approaches, they help students to decide which major(s) they want to pursue.

Any student who is a candidate for a Bachelor's degree offered by the College is required to complete one Topics course on the Bloomington campus. This includes students who transfer from other IU Bloomington schools, from other IU campuses, and from other institutions.

Students are encouraged to take this course in their first year; in any case, they should plan to take their Topics course no later than the first semester of their second year.

Courses that fulfill the Topics requirement are designated by the abbreviation (TFR). For a listing of all courses that can satisfy the Topics requirement, please see the section of this *Bulletin* entitled "Appendix III," which can be found under "Course Designations." For updates of Topics courses, see the College Web site at [www.indiana.edu/~college/topics/](http://www.indiana.edu/~college/topics/). Topics courses can also be counted toward a distribution requirement.

### Course Descriptions for Topics Courses (COLL)

#### COLL-E 103 Topics in Arts and Humanities (3 cr.)

**A & H, TFR** Specific topics will vary by section and over time, but all versions of E103 will meet the objectives of the College of Arts and Sciences Topics curriculum. The curriculum is open to freshmen and sophomores, who will learn how scholars from the arts and humanities distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of E103 or S103.

#### COLL-E 104 Topics in Social and Historical Studies

**(3 cr.) S & H, TFR** Specific topics will vary by section and over time, but all versions of E104 will meet the objectives of the College of Arts and Sciences Topics curriculum. The curriculum is open to freshmen and sophomores, who will learn how scholars from the social and historical studies distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of E104 or S104.

#### COLL-E 105 Topics in Natural and Mathematical

**Sciences (3 cr.) N & M, TFR** Specific topics will vary by section and over time, but all versions of E105 will meet the objectives of the College of Arts and Sciences Topics curriculum. The curriculum is open to freshmen and sophomores, who will learn how scholars from the natural and mathematical sciences distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of E105 or S105.

### Requirements for Majors (B.A.)

Students have three options for fulfilling the major concentration requirements for the B.A. degree: major, double (or triple) major, or interdepartmental major. For detailed information about the requirements for any

particular major, please see the entries in this *Bulletin* for individual departments and programs. Some departments require students to complete a minor in addition to the major. Some of the rules below also apply to minors.

1. With the exception of interdepartmental majors, majors that are part of the B.A. degree require a minimum of 25 and a maximum of 42 College of Arts and Sciences credit hours. Students—especially those considering graduate school—may count up to 22 major credit hours taken in excess of 42 toward the 122 minimum credit hours required for the degree if the total number of credit hours outside of the College and excess major hours combined do not exceed 22.
2. Certain departments and programs do not count 100-level language courses toward the requirements for their majors and minors. Please see the entries under the section of this *Bulletin* "Departments & Programs" for information regarding specific majors and minors.
3. Any course in which the student receives a grade below C— may not be used to fulfill a major or minor requirement. Courses in which the student receives a D— or higher, however, count toward the 122 credit hour total.
4. Courses taken to satisfy the English composition fundamental skills requirement (e.g., W131, W143, or W170) may not be applied toward a major or minor requirement.
5. The grade point average of all courses taken in the major must be at least 2.000.
6. The residence requirement of at least 12 credit hours in the major at Bloomington must be met.

### Double or Triple Majors (B.A.)

The College offers a double or triple major for the B.A. degree with the following requirements:

1. At least 25 College of Arts and Sciences credit hours must be taken in each major.
2. The residence requirement of at least 12 credit hours in each major at Bloomington must be met.
3. Students must have two or three advisors, one from each department in which they propose to study.
4. The program of studies must be approved by the College of Arts and Sciences, Kirkwood Hall 001.
5. With approval of the relevant major departments and the College, one course may be counted toward both majors of a double major or all three majors of a triple major program. Whether a student plans two majors or three majors, a total of only one course may be double-counted.

### Interdepartmental Majors (B.A.)

Interdepartmental majors are available in some disciplines for students who are pursuing a Bachelor of Arts degree and who wish to combine two disciplines or subjects into an interdepartmental concentration area. Such students are required to complete a minimum of 40 credit hours but cannot exceed 62 credit hours in the interdepartmental major. However, a maximum of 22 major credit hours taken in excess of 62 may be counted toward the 122 minimum credit hours required for the degree. In no case may the total of credit hours outside the College and excess major credit hours exceed 22 credit hours.

## Requirements for the B.F.A. and the B.S.

Because of the unique nature of each of the B.F.A. and B.S. degrees offered in the College, students should consult the entry in this *Bulletin* for the department or program that offers a particular degree. For instance, for information regarding the requirements for the B.S. in Chemistry, students should go to the listing, under "Departments & Programs," for the Department of Chemistry.

## Second Bachelor's Degree

In certain cases the Dean may admit Bachelor's degree holders to candidacy for a second Bachelor's degree. When such admission is granted, the candidates must earn at least 26 additional College credit hours in residence and meet the requirements of the College of Arts and Sciences and of the department in which they are candidates. Students seeking second degree candidacy must observe the appropriate deadlines for applications (contact the [College Recorder's Office](#), 855-1821 for information) and, if eligible, should schedule an appointment with the advisor in the [Office of Undergraduate Academic Affairs](#), (812) 855-1647, Kirkwood Hall 012. Some students will be required to submit an appropriate Test of English as a Foreign Language (TOEFL) score as part of the admission process. This requirement applies to international students who are from countries where English is not the language of instruction, who have not otherwise been admitted to the university in undergraduate status, and who are applying to the university for admission directly into a second undergraduate degree program in the College. Students with a Bachelor's degree who wish to further their education should consider becoming qualified for admission to a graduate program.

Students may also be admitted to candidacy for a concurrent second degree. In the case of simultaneous conferral of the first and second undergraduate degrees, 26 additional residency hours for the second degree are not required. Students currently pursuing an undergraduate degree in the College of Arts and Sciences should consult their academic advisor regarding the approval process.

## Requirements for Minors

Many departments in the College of Arts and Sciences offer minors of at least 15 College of Arts and Sciences credit hours. Students majoring in one department (e.g., English) may satisfy the requirements for a minor in a different department (e.g., Religious Studies). A student may complete up to three minors. Those minors that are listed in this *Bulletin* may appear on student transcripts. A few majors require that students also complete a minor. Students planning to complete a minor should consult the advisor in the department in which the minor is offered.

In completing requirements for minors, students should be aware of the following College of Arts and Sciences policies and procedures:

1. A minor must consist of 15 or more credit hours in College of Arts and Sciences courses.
2. The residence requirement of at least 6 credit hours in the minor at Bloomington must be met.

3. Certain departments and programs do not count 100-level language courses toward the requirements for their minors. Please see the entries under the section of this *Bulletin* "Departments & Programs" for information regarding specific minors.
4. Any course in which the student receives a grade below C– may not be used to fulfill a minor requirement.
5. The grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.
6. Some minors have an overall grade point average requirement.
7. Courses taken to satisfy the English composition requirement (W131, W143, or W170) may not be applied toward a minor requirement.
8. Some majors require that students also complete a minor.

For information about specific minors, see departmental statements in this *Bulletin*.

For minors outside the College of Arts and Sciences that can be listed on a College student's transcript, please see the section of this *Bulletin* entitled "Opportunities Outside the College," which can be found under "Distinctions & Opportunities."

## Courses Outside the College

A candidate for a Bachelor's degree in the College of Arts and Sciences must satisfactorily complete a minimum of 100 credit hours in courses offered by the College. Students may select the remaining 22 credit hours from courses in the College of Arts and Sciences and/or from courses outside the College. (Please note that both Jacobs School of Music courses in the history, literature, composition, and theory of music as well as School of Informatics and Computing courses in Computer Science that are listed in the College's distribution chart (please see the section of this *Bulletin* entitled "Appendix II," which can be found under "Course Designations") may be counted among the 100 credit hours inside the College of Arts and Sciences.)

Students satisfying requirements for a teaching certificate may take a maximum of 29 credit hours outside of the College if the courses selected are required for teaching certification. Students planning teacher certification may need to complete more than 122 credit hours and should confer with their major advisor and with an advisor from the School of Education early in their academic careers. Students should also consult the *School of Education Undergraduate Academic Bulletin*.

The College does not accept certain types of credit, including engineering, technology, or self-acquired competency credits.

## Policies & Procedures

### Academic Policies & Procedures

#### Absences from Final Examinations

A student who fails to attend the final examination of a course and who has a passing grade up to that time may be given a grade of I (Incomplete). [For additional information regarding Incompletes, please see the section

of this *Bulletin* entitled "Grade of Incomplete," which can be found under "Academic Policies & Procedures."] The Committee on Absence of the Division of Student Affairs reviews excuses concerning absences from final examinations and informs instructors of its decisions.

Students scheduled for more than three examinations in one day may have their examination schedule adjusted if they notify the instructor or department of the course scheduled for the fourth (and additional) final examination of the day. It is the student's responsibility to be aware of the date and time of the final examination for each of his or her classes before officially enrolling. See the [Enrollment and Student Academic Information Bulletin](#) (Office of the Registrar) each semester for further information.

#### Absences from Scheduled Classes

Illness is usually the only acceptable excuse for absence from class. All absences must be explained to the satisfaction of the instructor, who will decide whether omitted work may be made up. The names of students who are absent excessively are to be reported by their instructor to the Dean of Students.

#### Addition of Courses

No course may be added by an undergraduate student after the first week of a semester or summer session without the approval of the instructor of the course, the chair of the department in which the course is offered, and the dean of the school in which the student is enrolled.

#### Applying for Graduation

An application for graduation with a degree must be submitted to the College Recorder's Office, Kirkwood Hall 001. Applications can be submitted online from the Recorder's Office Web site, [www.indiana.edu/~college/recorder](http://www.indiana.edu/~college/recorder). This should be done no later than June 1 for May graduation, no later than December 1 for August graduation, and no later than March 1 for December graduation. Failure to file by these deadlines may delay graduation.

Candidates for degrees must have all credit on record at least six weeks before the conferral of degrees, except that of the current semester. Credit for current semester enrollment in Indiana University or non-Indiana University programs must be posted on the student's Indiana University transcript by the last day of the semester in which the student wishes to graduate. Students enrolled in non-Indiana University programs should make arrangements to have their transcripts sent to the Indiana University [Office of Admissions](#) on the Bloomington campus as soon as possible after final course grades are reflected. Students enrolled in programs where grades will be reported after the end of the Indiana University Bloomington semester should apply for the next appropriate graduation date.

Please consult with the College Recorder's Office (Kirkwood Hall 001, [coasrecd@indiana.edu](mailto:coasrecd@indiana.edu) or 812-855-1821), for further information.

## Change of Major

To change their major, students must contact the advisor in the department in which they wish to become a major. The advisor will submit a Major or School Change Request to the College Recorder's Office for processing.

## Class Standing

Class standing is based on the number of credit hours completed toward graduation:

- Freshman, fewer than 26 credits
- Sophomore, 26 to 55 credits
- Junior, 56 to 85 credits
- Senior, 86 or more credits

## Credit by Examination

Students may receive credit for certain courses by successful performance on the SAT, SAT II Subject Tests, College Board Advanced Placement Tests, and, with permission of the Dean, examinations offered by academic departments while at Indiana University. The appropriate department of the College reviews the College Board Advanced Placement Tests in order to make recommendations about advanced standing. Students who believe that they are prepared for advanced study or that they are eligible for special credit because of superior preparation or independent study are urged to accelerate their college programs by taking the requisite exams. Students may thus graduate early, or they may use the time gained to take higher-level courses. Credit will be recorded simply with the grade of S (Satisfactory) unless the examination clearly merits an A grade and the department requests the use of a grade other than S. Failure to pass the examination carries no penalty. Fees for special credit/credit by examination are waived for undergraduate students enrolled in an IU degree-seeking program for at least 12 credit hours in either the fall or spring semester. Regular credit-hour rates apply for graduate students and undergraduate students enrolled in fewer than 12 credit hours.

For a discussion of credit offered for foreign language exams, please see the section of this *Bulletin* entitled "Foreign Language," which can be found under "Fundamental Skills Requirement," which in turn can be found under "Degree Requirements."

## Credit for Correspondence Courses

Courses taken by correspondence may not be applied to any degree requirement of a Bachelor's degree without prior special permission of the Dean.

## Extended X

Indiana University allows students to retake up to 3 IU courses (or total of 10 hours) and replace the grades earned in the first enrollment with the grades earned in the second enrollment, with some significant restrictions. Students wishing to pursue this option should read the full text of the policy at [registrar.indiana.edu/extendedx.shtml](http://registrar.indiana.edu/extendedx.shtml) on the Registrar's Web site. Additionally, College of Arts and Sciences students should contact their academic advisor(s) and the College Recorder's Office, Kirkwood Hall 001, (812) 855-1821.

**Important Note:** The College does not acknowledge this policy for internal GPA purposes. All grades in completed coursework, even if an "X" is on record, are calculated into

the College of Arts and Sciences cumulative GPA. Since this policy does not affect the College's GPA (that is, the College still includes the grade earned in the first enrollment in the College GPA), class rank, major GPA, and the academic standing of College of Arts and Sciences students remain unaffected by any "X" grade.

## Grade Appeals and Retroactive Changes

Appeals of grades should be resolved with the instructor who recorded the disputed grade. If the student and instructor cannot resolve the matter, the student should discuss it further with the chair of the department offering the course. Appeals unresolved at the department level may be referred to the academic assistant deans. Appeals of grades or requests for other actions after the conclusion of a course should be made as soon as possible. Such requests will not be considered after one calendar year from the end of the semester in which the course in question was taken. Note that grades of I (Incomplete) or W (Withdrawal) may not be recorded for a course when a student has taken the final exam, or completed the final paper or project for the course.

## Grade of Incomplete

A grade of I (Incomplete) may be given only when the work of the course is substantially completed and when the student's work is of passing quality. A grade of I may not be given when a student has taken the final exam or completed the final paper or project for the course. When an I is assigned, a record must be maintained in the office of the department in which the grade was given. The record will include a statement of the reason for recording the I and an adequate guide for its removal and a suggested final grade in case the instructor should leave campus for an extended time.

The time allowed for the removal of an I may not exceed one calendar year from the date of its recording, although the dean of the student's college or school may authorize adjustment of this period in exceptional circumstances.

To complete a course in which a student received a grade of I, the student should consult with the instructor. The student should not reenroll in the course.

By assigning an I, an instructor implicitly authorizes and requires the I to be changed to an F at the end of one calendar year if that instructor does not act to remove the I. The registrar will automatically change the I to an F at the end of this time period. Both the student and the instructor in whose course the student received the I will be notified of this change of grade.

These regulations do not apply to research and reading courses in which completion of the work of the course is not necessarily required at the end of the semester and the grade R (Deferred) is given. Once a student has graduated, nothing in these regulations shall prohibit the I from remaining on the record.

## Grading System

Grades are awarded on the following basis:

A	4.000	Excellent
A–	3.700	
B+	3.300	
B	3.000	Good
B–	2.700	
C+	2.300	
C	2.000	Average
C–	1.700	
D+	1.300	
D	1.000	Poor
D–	0.700	
F	0.000	Unsatisfactory

## Graduate-Level Coursework

Only in rare circumstances should an undergraduate student be enrolled in a graduate-level course. Graduate courses may not be applied to any degree requirement of a Bachelor's degree without prior special permission of the Dean, and this special permission is limited to a maximum of 12 credit hours of graduate course work. Students interested in such permission should obtain a petition form from the Recorder's Office and should consult with the instructor of the graduate course in which they wish to enroll as well as the director of undergraduate studies in their major before submitting the petition to the College for approval. Graduate courses taken while an undergraduate and counted toward the requirements of a Bachelor's degree may not count toward a graduate degree at Indiana University (and may also not count toward graduate degrees at other universities).

## Graduation Dates

Degrees are conferred in December, May, and August; Commencement ceremonies are held in May and December. Candidates for degrees in August may participate in the May Commencement.

## Junior College Credits

No more than 60 credit hours earned in accredited junior colleges may be applied toward a degree.

## Pass/Fail Option

During their undergraduate program, students in good standing (not on probation) may enroll in a maximum of eight elective courses to be taken with a grade of P (Pass) or F (Fail). The Pass/Fail option is available for a maximum of two courses per academic year, including summer sessions. For the Pass/Fail option, the academic year is defined as beginning with the start of the fall semester and ending with the end of the second summer session. The course selected for Pass/Fail must be an elective (i.e., it cannot fulfill requirements other than the minimum 122 hours required for the degree, but it can be used to meet the requirement for courses at the 300–400 level). It may not be used to satisfy any of the College of Arts and Sciences' fundamental skills, distribution, Culture Studies, Intensive Writing, or Topics requirements. Nor may it be counted as a part of the student's concentration area, minor, or certificate program. During the freshman

year, students may elect to take activity courses in the School of Health, Physical Education, and Recreation on a Pass/Fail basis in addition to the two other permitted courses.

Students who wish to use the Pass/Fail option must submit the appropriate form to the College Recorder's Office by the relevant deadline. See the [Enrollment and Student Academic Information Bulletin](#) (Office of the Registrar) for deadline dates, including deadlines for eight-week sessions.

A grade of P is not counted in computing grade point averages; a grade of F is counted. A grade of P cannot be changed subsequently to any other letter grade.

## Undergraduate Status Update Form

As do students from all other units of the university, College of Arts and Sciences undergraduates who have been away from the university for two sequential regular semesters must fill out a brief informational form regarding their activities while away from the university system. For information regarding the [Undergraduate Status Update Form](#), please contact the College Recorder's Office (Kirkwood Hall 001).

## Transcripts

Complete information on transcripts can be found in the [Enrollment and Student Academic Information Bulletin](#). Requests for transcripts must be made in person or in writing to the Office of the Registrar, Franklin Hall 100, Indiana University, Bloomington, IN 47405-7104, or via e-mail to [registrar@indiana.edu](mailto:registrar@indiana.edu).

## Withdrawals from Courses

The College permits withdrawal from courses with the automatic grade of W (Withdrawal) until the end of the eighth week of classes during the regular academic year, until the end of the fourth week of classes for eight-week courses, and until the end of the first two weeks of classes during a summer session. See the [Enrollment and Student Academic Information Bulletin](#) for deadline dates for a particular semester.

Petitions for withdrawal after the periods specified above will not be authorized by the Dean except for urgent reasons beyond the student's control related to extended illness or equivalent distress. The desire to avoid a low grade is not an acceptable reason for withdrawal from a course.

If students withdraw with the Dean's consent, their grade in the course shall be W if they are passing at the time of withdrawal and F if they are not passing. As with all grades, instructors will assign the appropriate grade. The grade will be recorded on the date of withdrawal. Failure to complete a course without authorized withdrawal will result in a grade of F. The grade of W may not be assigned for a course when a student has taken the final exam, or completed the final paper or project for the course.

## Academic Standing

### Academic Probation

Students are on academic probation when their cumulative grade point average is below 2.000 (C). They are also on probation for the duration of the regular

semester following one in which they failed to attain at least a 2.000 (C) grade point average. Students on academic probation must comply with such restrictions as the Dean of the College or the Dean of Students may deem necessary.

## Candidates for Bachelor's Degrees in Good Standing

Students are considered to be candidates in good standing for an Indiana University bachelor's degree when they have been regularly admitted by the Office of Admissions, when their academic grade point average is not less than a 2.000 (C) for the last semester's work, and when their cumulative grade point average is at least 2.000 (C).

## Dismissal

Students are dismissed from the College of Arts and Sciences when, in the judgment of the Academic Retention Committee, they have ceased to make adequate progress toward their degree. Students who fail to attain a minimum grade point average of 2.000 (C) in any two semesters and who have a cumulative grade point average below 2.000 (C) are dismissed automatically. (Note that these students will have been placed on probation at least once before dismissal.)

Whether or not students have been placed on probation before, the Academic Retention Committee may dismiss students if their record reveals any of the following:

- failing or near-failing performance in any semester;
- failure to make adequate progress toward completion of major requirements;
- failure to make any progress toward completion of degree requirements in any semester;
- a cumulative grade point average below 2.000 (C).

## Readmission

The Academic Retention Committee considers petitions for readmission from students who have been dismissed. A student dismissed for the first time must petition to continue as a student in the College. A student dismissed for the second time may not be admitted for the next regular semester but is eligible to submit a petition for readmission after a period of at least one regular semester. Third dismissals are generally considered final. Students should contact the College Recorder's Office (Kirkwood Hall 001) for further information concerning eligibility to petition.

In order for petitions for readmission to be considered and accepted by the committee, students eligible to submit them must do so before June 20 for the fall semester and before October 1 for the spring semester.

## Restart Policy

Students who have been away from Indiana University for at least five years and who earned grades that make it impossible or very difficult to return to a College of Arts and Sciences degree program may petition for a "restart." Under a restart, the College of Arts and Sciences will establish a new degree record for the student that will consist of courses previously taken that were completed with a minimum grade of C. Note that all Indiana University course work will remain on the student's permanent record (the university transcript); this policy

will affect only the student's College of Arts and Sciences record.

Students will be eligible for consideration for this policy once a minimum of five years have passed since full-time or continuous part-time enrollment. Students will need to provide evidence that indicates a significant change in their ability to succeed in academic work. Reevaluation of fundamental skills may be necessary before the student can proceed. Students should petition for a restart as part of the readmission process. For information about deadlines for submitting readmission petitions, please see the section of this *Bulletin* entitled "Readmission," which can be found under "Academic Standing."

Students should contact the Office of Undergraduate Academic Affairs, Kirkwood Hall 012, to begin the petition process and to discuss the details of this policy.

## Student Records

### Confidentiality of Records

Indiana University, in compliance with the General Education Provisions Act, Section 438, titled Family Educational Rights and Privacy Act, provides that all student records are confidential. Confidential academic information is released by the College of Arts and Sciences only to the student, and to person(s) whom the student authorizes in writing to be appropriate recipients of the information. Students may review their records upon request and may ask for deletions or corrections of the record in a hearing process described in detail in the [Code of Student Rights, Responsibilities, and Conduct](#), which is distributed at fall registration and available in the office of the Division of Student Affairs, Franklin Hall 200.

References, recommendations, and other similar documents may carry a voluntary waiver relinquishing the student's right to review this specific material. The student may also release the record to others by signing a written release available in the offices that maintain records. Further details regarding the provisions of the Privacy Act and a list of offices where student records are kept may be found in the [Code of Student Rights, Responsibilities, and Conduct](#).

Additional information can be obtained at the Web site of the Office of the Registrar under "[Student Privacy and FERPA](#)."

### Release of Information in Student Records

An implicit and justifiable assumption of trust is placed in the College of Arts and Sciences as custodian of personal data submitted by students entering the College or generated during their enrollment. This mutual relationship of trust between the College and the individual student requires that such data be held in confidence.

For additional information, please see the Web site of the Office of the Registrar under "[Student Privacy and FERPA](#)."

## Public Information

Upon request of a third party, certain information is made available to the public by the registrar's office.

Public information is limited to name; address; e-mail address; phone; major field of study; dates of attendance; admission or enrollment status; campus; school, college, or division; class standing; degrees and awards; activities; sports; and athletic information. Records of arrests and/or convictions and traffic accident information are public information and may be released to anyone making inquiry.

Public information shall be released freely unless the student files the appropriate form requesting that certain public information not be released.

For additional information, please see the Web site of the Office of the Registrar under "[Student Privacy and FERPA](#)."

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## Departments & Programs

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# African American & African Diaspora Studies

### Introduction

The Department of African American and African Diaspora Studies (AAAD) introduces students to a wide range of current research and scholarly opinion on the history, culture, and social status of black Americans and their African heritage. As an intellectual enterprise, the department provides an eclectic analysis of the African American and African Diasporic experience. As a humanistic discipline in the democratic tradition, African American and African Diaspora Studies seeks to dispel the myths and expose those attitudes that perpetuate racism in American life.

Students enrolled in any department or school may elect any course or sequence of courses in African American and African Diaspora Studies for which they are eligible. Many of the courses in the department may be used to satisfy distribution or culture studies requirements. A few courses may be used to fulfill intensive writing requirements.

### Contact Information

African American and African Diaspora Studies  
Indiana University  
Memorial Hall East M18  
Bloomington, IN 47405-2201

(812) 855-3875  
[aaads@indiana.edu](mailto:aaads@indiana.edu)

<http://www.indiana.edu/~afroamer/>

## Faculty

### Chair

- Valerie Grim

### Professors

- A. B. Assensoh

- Winona Fletcher (Emerita)
- Herman Hudson (Emeritus)
- Eileen Julien
- Phyllis Klotman (Emerita)
- Michael T. Martin
- John McCluskey (Emeritus)
- Iris Rosa
- John H. Stanfield II
- William Wiggins (Emeritus)
- Vernon Williams

### Associate Professors

- Valerie Grim
- Matthew Guterl
- LaMonda Horton-Stallings
- Audrey McCluskey
- Frederick McElroy
- James E. Mumford (Emeritus)

### Assistant Professors

- Marlon Bailey
- Micol Seigel
- Stephen Selka

### Adjunct Professors

- Yvette Alex-Assensoh (Political Science)
- David N. Baker (Jacobs School of Music)
- Karen Bowdre (Communication and Culture)
- Kevin Brown (School of Law)
- Mellonee Burnim (Folklore and Ethnomusicology)
- Carolyn Calloway-Thomas (Communication and Culture)
- Stephanie Carter (School of Education)
- Claude Clegg (History)
- Edris Cooper-Anifowoshe (Theatre and Drama)
- Dionne Danns (School of Education)
- Lawrence Hanks (Political Science)
- Kandace Hinton (College of Education—Indiana State University)
- Mary Howard-Hamilton (College of Education—Indiana State University)
- Robin Hughes (Academic Support and Diversity)
- George Hutchinson (English)
- Onwuchekwa Jemie (Folklore and Ethnomusicology)
- Sylvester Johnson (Religious Studies)
- Monroe Little (African American Studies—IUPUI)
- James Madison (History)
- Portia Maultsby (Folklore and Ethnomusicology)
- Keith McCutchen (African American Arts Institute)
- Michael McGerr (History)
- Najjaf Modibo (African American Studies, Labor Studies—IUPUI)
- Frank Motley (School of Law)
- Khalil Muhammad (History)
- Amrita Myers (History)
- John Nieto-Phillips (History, Latino Studies)
- Samuel Obeng (Linguistics)
- Carol Polsgrove (School of Journalism)
- Gary Sailes (School of Health, Physical Education, and Recreation)
- Amos Sawyer (Workshop in Political Theory and Policy Analysis)

- Charles Sykes (African American Arts Institute)
- Dennis Williams Jr. (African American Arts Institute)

### Visiting Professors

- Claudia Drieling
- David Wall

### Director of Graduate Studies

- Iris Rosa

### Director of Undergraduate Studies

- Frederick McElroy

### Academic Advising

- Arnell Hammond, Memorial East M21, (812) 855-3875 or 855-6270

## Major in African American and African Diaspora Studies

### Purpose

The major prepares students for a variety of professional careers or for graduate study. Students planning to enter the workforce immediately after graduation may wish to select a double major. AAADS graduates enjoy careers in medicine, theatre and drama, music composition, and information science.

### Requirements

Students must complete a minimum of 30 credit hours of undergraduate course work selected from the department's three concentration areas: (1) arts, (2) literature, and (3) history, culture, and social issues. Not more than 6 credit hours at the 100 level and not more than 9 credit hours at the 200 level can be counted toward the major. At the time of admission to the department, each student and the undergraduate advisor together plan an individualized program of study, including the selection of a major concentration area.

Majors must complete the following:

1. A150.
2. A355 or A356 (history).
3. A379 or A380 (literature).
4. 12 credit hours in one African American and African Diaspora Studies concentration area (A355 or A356 and A379 or A380 may be included).
5. 6 credit hours in each of the other two concentration areas (A355 or A356 and A379 or A380 may be included).
6. A493 Senior Seminar in African American Studies.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

During the freshman and sophomore years, students should take African American and African Diaspora Studies A141, A142, and A150. A141 and A142 satisfy the English composition requirement and may count toward arts and humanities distribution credit. A150 also carries arts and humanities distribution credit. A141 and A142 do not count toward the major or minor in African American and African Diaspora Studies.

Students who plan to have a double major should make this decision as early as possible so that course selections in African American and African Diaspora Studies and the second major can be closely coordinated.

Majors in journalism, telecommunications, business, public and environmental affairs, pre-law, social work, education, and many other disciplines have found African American and African Diaspora Studies courses to be useful, interesting, and important to their chosen fields.

## Interdepartmental Major in African American and African Diaspora Studies and English

### Requirements

Students must meet the following course requirements for a minimum total of 40 hours.

### African American and African Diaspora Studies

At least 18 credit hours, of which at least 12 credit hours must be at the 300 level or above, including

1. A150 Survey of the Culture of Black Americans.
2. A355 African American History I or A356 African American History II.
3. A379 Early Black American Writing or A380 Contemporary Black American Writing
4. Three courses from the following:
  - A249 African American Autobiography
  - A283 Blacks in American Drama and Theatre 1767-1945
  - A384 Blacks in American Drama and Theatre 1945-Present
  - A479 Contemporary Black Poetry
  - A480 The Black Novel
  - A493 Senior Seminar in African American Studies

### English

At least 18 credit hours at the 200 level or above, of which at least 12 credit hours must be at the 300 level or above, including:

1. L202 Literary Interpretation
2. L371 critical Practices
3. One 300-level course appropriate to each of four periods in the history of literatures in English—beginnings through the sixteenth century; sixteenth through eighteenth century; the nineteenth century; 1900 to the present

## Interdepartmental Major in African American and African Diaspora Studies and History

### Requirements

Students must meet the following course requirements for a minimum total of 40 hours. No course counting toward completion of the upper-level credit hour requirement of the history concentration can also be counted toward completion of the upper-level credit hour requirement of the African American and African Diaspora Studies concentration.



**African American and African Diaspora Studies**

At least 18 credit hours at the 200 level or above, of which at least 12 credit hours must be at the 300 level or above, including:

1. A150 Survey of the Culture of Black Americans
2. A355 African American History I or A356 African American History II
3. A379 Early Black American Writing or A380 Contemporary Black American Writing
4. 9 additional credit hours from the History, Culture, and Social Issues Concentration. These 9 credit hours may include the Senior Seminar.

**History**

At least 18 credit hours of history courses, including:

1. At least 15 credit hours of 300-400 level courses. (J200 may be substituted for 3 credit hours of 300-400 level courses; only one of A355 African American History I or A356 African American History II taken in either History or African American and African Diaspora Studies can be counted toward these 15 hours.)
2. At least one seminar chosen from J400, J450, or K392.
3. Any two courses in non-U.S. history (i.e., Western Europe, Russia and East Europe, Ancient, Middle East, Africa, Latin America, or East Asia).
4. At least 9 credit hours of these history courses must be completed in residence at the IU Bloomington campus.

**Interdepartmental Major in African American and African Diaspora Studies and Religious Studies****Requirements**

Students must meet the following course requirements for a minimum total of 42 credit hours.

**African American and African Diaspora Studies**

At least 21 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

1. A150 Survey of the Culture of Black Americans.
2. A355 African American History I or A356 African American History II
3. A379 Early Black American Writing or A380 Contemporary Black American Writing
4. 9 additional credit hours taken from courses in any of the three concentration areas: (1) arts, (2) literature, or (3) history, culture, and social issues. (Majors are strongly encouraged to take A363 Research on Contemporary African American Problems I when it is taught.)
5. Additional credit hours to reach the minimum of 21 credit hours to be chosen in consultation with advisor. (These hours may include the Senior Seminar.)

If a student chooses to take the Senior Honors Thesis of A499 or the course pair of R399/R499 in Religious Studies, the chosen topic should integrate African American and African Diaspora Studies and Religious Studies although minimum credit hours in each area

must still be met. A faculty mentor of the student's choice will be assigned, and graders from each department will read the final thesis. This requires an application and the approval of the director of undergraduate studies before authorization is granted to begin the project.

**Religious Studies**

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in courses at the 300 level or above
2. At least one course above the 100 level from Area C (The Americas)
3. At least one course above the 100 level chosen from two of the remaining three areas: A (Africa, Europe, and West Asia), B (South and East Asia), D (Theory, Ethics, Comparison).
4. One course (3 credit hours) in Religious Studies at the 400 level other than R494, R495, R496, and R499
5. R389 Majors Seminar in Religion

If a student chooses to take the Senior Honors Thesis course pair of R399/R499, the chosen topic should integrate Religious Studies and African American and African Diaspora Studies, although minimum credit hours in each area must still be met. A faculty mentor of the student's choice will be assigned, and graders from each department will read the final thesis. This requires an application and the approval of the director of undergraduate studies before authorization is granted to begin the project.

**Major in African American and African Diaspora Studies and Sociology****Requirements**

Students must meet the following course requirements for a minimum total of 40 credit hours.

**African American and African Diaspora Studies**

At least 18 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

1. A150 Survey of the Culture of Black Americans
2. A355 African American History I or A356 African American History II
3. A379 Early Black American Writing or A380 Contemporary Black American Writing
4. 9 additional credit hours from the History, Culture, and Social Issues Concentration. These 9 credit hours must include the Senior Seminar. (Majors are strongly encouraged to take A363 Research on Contemporary African American Problems I when it is taught.)

**Sociology**

At least 21 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

1. One course from the following:
  - S100 Introduction to Sociology.
  - S210 The Economy, Organizations, and Work.
  - S215 Social Change.
  - S230 Society and the Individual.
  - S217 Social Inequality.

- S335 Race and Ethnic Relations.
- S110 Charts, Graphs, and Tables.
- Three additional courses in Sociology at the 300–400 level.

## Minor in African American and African Diaspora Studies

### Requirements

Students must complete 15 College of Arts and Sciences credit hours in African American and African Diaspora studies, including:

1. A355 or A356 (history).
2. A379 or A380 (literature).
3. At least one other course at the 300–400 level, which may count toward the 9 credit hours in a concentration area.

Students must take at least 9 credit hours in a single concentration area: (1) literature, (2) arts, or (3) history, culture, and social issues. Courses are selected in consultation with the academic advisor. At least 9 credit hours must be taken in residence at IU Bloomington.

### Departmental Honors Program

African American and African Diaspora Studies majors with a minimum 3.300 cumulative grade point average and a minimum 3.300 grade point average within the Department of African American and African Diaspora Studies are eligible for the departmental honors program. Students must enroll in 9 credit hours of honors work consisting of 3 credit hours of supervised readings and 6 credit hours of supervised independent research. Independent research may take the form of research projects, field research, internships, or creative activities. Students should apply in the fall semester of their junior year. A copy of the student's transcript and a short letter of application describing the honors project in general terms will be required for admission.

## Course Descriptions

### Introductory Courses

Note: A141 and A142 do not count toward the major or minor in African American and African Diaspora Studies.

**AAAD–A 141 Introduction to Writing and the Study of Black Literature (4 cr.) A & H** Composition and literature courses that teach the skills of writing. Structuring of ideas through analysis and practice of various techniques of paragraph and essay development. Reading and discussion of representative African American writings, including poetry, short stories, sermons, novels, and drama. A141–A142 fulfill fundamental skills requirement; do not count toward major.

**AAAD–A 142 Introduction to Writing and the Study of Black Literature (4 cr.) P: A141. A & H** Composition and literature courses that teach the skills of writing. Structuring of ideas through analysis and practice of various techniques of paragraph and essay development. Reading and discussion of representative African American writings, including poetry, short stories, sermons, novels, and drama. A141–A142 fulfill fundamental skills requirement; do not count toward major.

**AAAD–A 150 Survey of the Culture of Black Americans (3 cr.) A & H, CSA, TFR** The culture of blacks in America viewed from a broad interdisciplinary approach, employing resources from history, literature, folklore, religion, sociology, and political science. Required for the major.

**AAAD–A 201 Introduction to African American and African Diaspora Studies (3 cr.) CSA** Introduction to African American and African Diaspora Studies as a field of study: epistemological considerations, theories, and methods that have come to form what is called Africana studies.

### Arts

A100, A104, A110, and A120 are performance courses which are open to undergraduates only and may be repeated individually or in combination for a maximum of 12 ensemble credit hours.

### African American Art

**AAAD–A 252 African American Art I: African Heritage (3 cr.) A & H** A historical and stylistic survey of the visual and plastic arts of sub-Saharan or black Africa, from the Nok culture (Nigerian) to the present. Credit given for only one of A252 or A351.

**AAAD–A 352 African American Art II: African American Artists (3 cr.) A & H, CSA** A survey of the artistic traditions of the African in the New World, from the period of slavery in North and South America through contemporary African American and expatriate black American artists.

### Dance

**AAAD–A 100 African American Dance Company (2 cr.) P:** Consent of instructor by audition. Emphasis on ethnic and jazz traditions, although other genres are regularly performed. Repertoire varies from semester to semester. Participation in on- and off-campus concerts, workshops, and lecture demonstrations required. Previous dance training desirable but not essential. May be repeated individually or in combination with A110 or A120 for a maximum of 12 credit hours.

**AAAD–A 102 Introduction to Black Dance Styles (2 cr.)** Jazz dance technique with an African American historical perspective. Instruction includes basic dance technique vocabulary and movements with syncopated rhythm patterns.

**AAAD–A 221 Dance in the African Diaspora (3 cr.)** Introduction to the history, culture, music, and body movements of dances in the African American and African Diaspora tradition with a focus on African-derived dances, primarily from Cuba, Puerto Rico, and America. Instruction through classroom lectures, discussions, videos, readings, and movement sessions.

**AAAD–A 300 Jazz Dance Movement Styles (2 cr.) P:** Minimum of two years of dance movement and consent of instructor. Advanced study in jazz dance technique. Emphasis on three jazz technique styles developed by well-known dance artists Matt Mattox, Luigi, and free style.

**AAAD–A 320 Black Dance History (3 cr.) A & H** Acquaints students with dancers and choreographers from the African American and African Diaspora who choose to communicate historical, political, recreational, and

social themes through the modern, jazz, ballet, tap, and traditional (African and Caribbean) forms of dance and the expressive nature of movement from the black perspective and experience.

### Film Studies

**AAAD–A 277 Images of Blacks in Films: 1903–1950s (3 cr.) A & H, CSA** Images of blacks in films, mainly American, from before *The Birth of a Nation* (1915) to the 1950s. Course will include segments as well as complete feature films (also “race films” when available), shorts, cartoons, and documentaries viewed in historical perspective.

**AAAD–A 278 Contemporary Black Film (3 cr.) A & H, CSA** Problems raised by proliferation of films acted, authored, directed, and/or produced by blacks. Exploration of legitimacy of “black film aesthetic” and its reception by various segments of the black community.

**AAAD–A 330 African American Cinematic Experience (3 cr.) A & H** Examines the historical and contemporary portrayals of African Americans in Hollywood and in independent narrative film focusing on the social and political functions of film, its legitimization of race, and its oppositional formations, interventions, and practices. Considers how film mediates and interrogates race and social relations in American society.

**AAAD–A 359 Ethnic/Racial Stereotypes in American Film (3 cr.) A & H** A study in cross-cultural stereotyping as evidenced in the film medium. Analysis of Native American, Asian, black, Hispanic, and Jewish groups. Features, shorts, and animations screened to illustrate the “classic” stereotypes of each group and to demonstrate their impact on American society.

**AAAD–A 430 The Cinema of Africana Women (3 cr.) A & H, CSA** Historical and critical overview of films produced by African American women from the 1940s to the present. The course emphasizes how black women filmmakers combine their creative abilities with a desire to capture dominant issues that affect black women’s lives in America.

### Music

**AAAD–A 110 African American Choral Ensemble (2 cr.) P:** Consent of instructor by audition. Performance of music by and about blacks, including spirituals, gospel, art songs, and excerpts from operas and musicals. Repertoire varies from semester to semester. Participation in on- and off-campus concerts, workshops, and lecture demonstrations required. Ability to read music desirable but not essential. May be repeated individually or in combination with A100 or A120 for a maximum of 12 credit hours.

**AAAD–A 112 Black Music of Two Worlds (3 cr.) A & H, CSA** An exploration of the relationships among musics of West and Central African people and their descendents in the United States, Latin America, and the Caribbean. Emphasis placed on the conceptual and aesthetic continuities between musical expression in Old and New World contexts—a uniformity which exists because of shared African cultural ancestry. Credit given for only one of AAAD A112, FOLK E112, or FOLK F112.

**AAAD–A 120 Soul Revue (2 cr.) P:** Consent of instructor by audition. Introduces the richness and depth of black

popular tradition through authentic performance practices. Repertoire varies from semester to semester. Participation in on- and off-campus concerts, workshops, and lecture demonstrations required. Ability to read music desirable but not essential. May be repeated individually or in combination with A100 or A110 for a maximum of 12 credit hours.

**AAAD–A 290 Sociocultural Perspective of African American Music (3 cr.) A & H, CSA** Survey of cultural, social, and political attitudes that influenced blacks in the development of and participation in blues, jazz, urban black popular music, and “classical” music.

**AAAD–A 295 Survey of Hip Hop (3 cr.) A & H, CSA** Examines rap music and hip hop culture as artistic and sociocultural phenomena with emphasis on historical, cultural, economic, and political contexts. Topics include the coexistence of various hip hop styles, their appropriation by the music industry, and controversies resulting from the exploitation of hip hop as a commodity for national and global consumption. Credit given for only one of AAAD A295, FOLK E295, or FOLK F295.

**AAAD–A 297 Popular Music of Black America (3 cr.) A & H, CSA** A chronological survey of Black popular music from 1945–2000: rhythm and blues, soul, funk, disco, hip hop, and their derivative forms. Emphasis placed on the context for evolution and the contributions of African Americans to the development of a multibillion dollar music industry. Credit given for only one of AAAD A297, AAAD A397, FOLK E297, FOLK F397, or MUS M397.

**AAAD–A 345 Hip Hop Music and Culture (3 cr.) P:** Junior or senior standing. **A & H, CSA** Examines rap music as artistic and sociological phenomena with emphasis on its historical and political contexts. Credit given for only one of AAAD A345, AAAD A489, FOLK F345, or FOLK F389.

**AAAD–A 388 Motown (3 cr.) A & H, CSA** This course surveys the development of Motown Record Corporation, Detroit Era (1959–1972). Through lecture, discussion, guided listening, and visual experiences, the course studies the musical works, creative processes, business practices, historical events, media, technology, and sociocultural factors that contributed to Motown's identity as a unique artistic and cultural phenomenon. Credit given for only one of A388, A389, or FOLK E388.

**AAAD–A 393 History of Jazz (3 cr.) (MUS M393/Z393) A & H, CSA** Periods, major performers, and composers, trends, influences, stylistic features, and related materials. Credit not given for both A393 and M393.

**AAAD–A 394 Survey of African American Music (3 cr.) A & H, CSA** A chronological survey of sacred and secular African American musical traditions in North America from the African past to the present. Emphasis placed on context for evolution, musical processes and aesthetics, interrelationships among genres and musical change, issues of gender, and music as resistance. Credit given for only one of AAAD A394, FOLK E394, or MUS M394.

**AAAD–A 395 (MUS M395/Z395) Contemporary Jazz and Soul Music (3 cr.) A & H, CSA P:** Consent of instructor. A survey of contemporary jazz and soul (rhythm

and blues) music and musicians in the United States. Credit not given for both A395 and M395.

**AAAD–A 396 Art Music of Black Composers (3 cr.) (MUS M396) A & H, CSA** A study of black music and musicians in the United States with emphasis on the black composer in contemporary music. Credit not given for both A396 and M396.

**AAAD–A 496 Black Religious Music (3 cr.) A & H, CSA** An in-depth investigation of Negro spirituals and gospel music, with some treatment of the traditions of lining-out and shape note singing. Examination of genres will address and integrate both the musical and the sociocultural perspectives. Credit given for only one of AAAD A496 or FOLK E496.

### Theatre and Drama

**AAAD–A 104 Groups Theatre Workshop (2 cr.)** Open to summer Groups Program students only. Through a musical/theatrical piece chosen for study and performance, students are encouraged to explore and develop their abilities and to experience growth and motivation that comes from participating in a unified and motivating group experience.

**AAAD–A 283 Blacks in American Drama and Theatre, 1767–1945 (3 cr.) A & H, CSA** Images of blacks as reflected in American drama from 1767 to 1945. Selected dramas of both white and black playwrights, such as Isaac Bickerstaffe, William Wells Brown, Eugene O’Neill, and Richard Wright, who depicted blacks on the stage. Credit given for only one of A283 or A383.

**AAAD–A 384 Blacks in American Drama and Theatre, 1945–Present (3 cr.) A & H, CSA** Images of blacks as reflected in American drama from 1945 to the present. Emphasis on the contributions of black playwrights such as Lorraine Hansberry, Langston Hughes, Imamu Amiri Baraka (LeRoi Jones), Ted Shine, and Ed Bullins.

**AAAD–A 385 Seminar in Black Theatre (3 cr.) P:** One course from A379, A380, A283, A383, or A384; or consent of instructor. **A & H, CSA** Contributions of blacks to the theatre in America. Reading and discussion of selected dramas and critiques with opportunities for involvement in the oral interpretation of one or more of the plays.

**AAAD–A 485 Lorraine Hansberry: Black Dramatist (3 cr.) A & H, CSA** In-depth study of Lorraine Hansberry’s life and works with emphasis on her dramas and her essays on the theatre and the society she knew.

### Literature

**AAAD–A 131 Early African American and African Diaspora Literature (3 cr.) A & H, CSA** Examines historical texts and introduces them and tropes emphasized by writers to articulate issues of freedom, identity, and salvation as perceived by blacks in diaspora communities. Teaches students how to relate literary works to historical and cultural contexts and how to think critically about ideas, images, and master narratives as presented by African American writers and writers of the black diaspora.

**AAAD–A 132 Recent African American and African Diaspora Literature (3 cr.) A & H, CSA** Examines recent literary texts and introduces students to transnational themes and tropes emphasized by black writers to articulate issues of freedom, identity, and salvation;

utilizes interdisciplinary methods to teach students how to appreciate literary artistry; relate literary works to historical and cultural contexts; and think critically about ideas, images, and master narratives as presented by African American writers and writers of the black diaspora.

**AAAD–A 169 Introduction to African American Literature (3 cr.) A & H, CSA** Representative African American writings including poetry, short story, sermons, novel, and drama.

**AAAD–A 249 African American Autobiography (3 cr.) A & H, CSA** A survey of autobiographies written by black Americans in the last two centuries. The course emphasizes how the autobiographers combine the grace of art and the power of argument to urge the creation of genuine freedom in America.

**AAAD–A 354 Transnational Americas (3 cr.) S & H, CSA** Comparative colloquium that explores the recent literature on racial connections between “the local” and “the global” in contemporary American experience. Through immersion in the new “transnational” critiques of the United States, students analyze texts that describe African, Asian, European, indigenous, and Latino sensibilities about culture, homelands, belonging, and exclusion.

**AAAD–A 379 Early Black American Writing (3 cr.) A & H, CSA** African American writing before World War II, with emphasis on critical reactions and analyses. Includes slave narratives, autobiographies, rhetoric, fiction, and poetry.

**AAAD–A 380 Contemporary Black American Writing (3 cr.) R:** A379. **A & H, CSA** The black experience in America as it has been reflected since World War II in the works of outstanding African American writers: fiction, nonfiction, poetry, and drama.

**AAAD–A 479 Contemporary Black Poetry (3 cr.) A & H** An examination of black poetry from Dunbar to the present, emphasizing the emergence, growth, and development of black consciousness as a positive ethnic identification.

**AAAD–A 480 The Black Novel (3 cr.) R:** A379 or A380. **A & H, CSA** Analysis of the African American novel from the Harlem Renaissance to the present: genesis, development, and current trends. Emphasis on traditions arising out of the black experience and on critical perspectives developed by black critics and scholars.

### History, Culture, and Social Issues

**AAAD–A 154 History of Race in the Americas (3 cr.) S & H, CSA** Exploration of the development of racism and racial ideologies in the United States, the Caribbean, Latin America, and South America from colonial times to the present. Emphasizes the interaction among cultural, political, and economic factors in shaping patterns of conflict and collaboration, domination and resistance.

**AAAD–A 156 Black Liberation Struggles against Jim Crow and Apartheid (3 cr.) S & H, CSA** A comparative perspective on American race relations, specifically the similarities and differences of the struggles against Jim Crow in America and against apartheid in South Africa. In both places, the late twentieth century witnessed a revolt

against the legal and philosophical framework of white supremacy.

**AAAD–A 198 Special Topics in Social and Historical Studies for African American and African Diaspora Studies (3 cr.) S & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in preparing them for an interdisciplinary study of social and historical issues. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 199 Special Topics in Arts and Humanities for African American and African Diaspora Studies (3 cr.) A & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in the arts and humanities. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 203 Studying Blacks of the New World: African Americans and Africans in the African Diaspora (3 cr.) S & H, CSA** A comparative study of the cultural, historical, and socioeconomic life patterns of African Americans and Diaspora–based Africans in the United States.

**AAAD–A 205 Black Electoral Politics (3 cr.) S & H** The course will explore black participation in the formal structures of American government and in the processes by which these structures are accessed. Black participation in local, state, and federal government arenas will be focused upon, and the political benefits to the black community of these involvements will be assessed.

**AAAD–A 210 Black Women in the Diaspora (3 cr.) S & H, CSA** Interdisciplinary examination of salient aspects of black women’s history, identity, and experience, including policies, cultural assumptions, and knowledge systems that affect black women’s lives. While the primary focus is North America, the lives of black women in other cultural settings within the African Diaspora are also examined.

**AAAD–A 250 U.S. Contemporary Minorities (3 cr.) S & H** An interdisciplinary study of how members of four minority groups—Native Americans, Asian Americans, blacks, and Hispanics—combine their struggle for social justice with their desire to maintain their own concepts of identity.

**AAAD–A 255 The Black Church in America (3 cr.) S & H, CSA** The church’s role as a black social institution from slavery to the present, its religious attitudes as expressed in songs and sermons, and its political activities as exemplified in the minister-politician.

**AAAD–A 263 Contemporary Social Issues in the African American Community (3 cr.) S & H** A seminar, primarily designed for sophomores and juniors, directed toward critical analysis of selected topics germane to the future socioeconomic and political position of African Americans.

**AAAD–A 264 History of Sports and the African American Experience (3 cr.) S & H, CSA** Examination

of the historical participation and contributions of African Americans in sport. Students study African American sports pioneers and the social conditions affecting their participation. Period studied includes pre-slavery to the civil rights era (1500 to 1960s).

**AAAD–A 265 Modern Sports and the African American Experience (3 cr.) S & H, CSA** The impact of African American sports heroes, famous teams, and annual sporting events on the shaping of African American culture and the combating of American racism.

**AAAD–A 292 African American Folklore (3 cr.) A & H, CSA** African American culture in the United States viewed in terms of history (antebellum to present) and social change (rural to urban). Use of oral traditions and life histories to explore aspects of black culture and history. Credit given for only one of A292, A392, and FOLK F354.

**AAAD–A 304 Black Paris (3 cr.) R:** 3 credit hours of literature. **A & H, CSA** The common and divergent experiences of African-American, Afro-Caribbean, and African travelers to the “City of Light,” from eighteenth-century New Orleans Creoles to twenty-first-century youth of African descent, as seen through literature, performance, film, and other arts. Issues of colonization, expatriation, immigration, exile, the Harlem Renaissance and “negritude,” race and diaspora, transnationalism. Credit given for only one of AAAD A304 and CMLT C363.

**AAAD–A 350 Black Atlantic (3 cr.) A & H, CSA** This course is an interdisciplinary and comparative study of historical, cultural, and political issues related to Africa and the African Diaspora (the Americas and Europe). Emphasis will also be on team teaching using IUB faculty. Course will be of interest to students in all university departments and schools.

**AAAD–A 355 (HIST A355) African American History I (3 cr.) S & H, CSA** History of blacks in the United States. Slavery, abolitionism, Reconstruction, and post-Reconstruction to 1900. Credit given for only one of A355 or HIST A355.

**AAAD–A 356 (HIST A356) African American History II (3 cr.) R:** 355. **S & H, CSA** 1900 to the present. Migration north, NAACP, Harlem Renaissance, postwar freedom movement. Credit given for only one of A356 or HIST A356.

**AAAD–A 360 Slavery: Worldwide Perspective (3 cr.) S & H, CSA** Examines several aspects of the classical, indigenous, and modern political/social bondage.

**AAAD–A 363 Research on Contemporary African American Problems I (3 cr.) S & H** A research seminar, primarily designed for juniors and seniors, directed toward critical analysis of selected topics germane to the future socioeconomic and political position of African Americans. Reading and discussion of relevant texts, studies, and articles. Includes theory construction, research design, and data collection.

**AAAD–A 382 Black Community, Law, and Social Change (3 cr.) S & H** Legal evolution of civil rights and analysis of specific relevant legal decisions that stimulated social change (the role of slavery, racial segregation, inequality of educational opportunity, and voting laws).

**AAAD–A 386 Black Feminist Perspectives (3 cr.) S & H, CSA** Examination of the history, development, and manifestation of feminist consciousness among African American women. The course is particularly concerned with how black women’s lived experience defines that consciousness, and the differing impact it has among various groups of black women, and in their larger social, political, and cultural communities.

**AAAD–A 387 Black Migration (3 cr.) S & H, CSA** Explores the process, patterns, and paradoxes of the incorporation of individuals and groups identified and/or perceived as “immigrants” from a comparative-interdisciplinary perspective. Focuses on persons from “sending” countries in Africa, the Caribbean, and Asia to the United States. Also examines developments in other labor-importing, postindustrial countries such as France and England in relation to the people who settle there.

**AAAD–A 391 Black Nationalism (3 cr.) S & H** Consequences of the black diaspora in North America; shifting views of blacks toward their native continent; analysis of current geographic, economic, and political relationships.

**AAAD–A 398 Advanced Topics in Social and Historical Studies for African American and African Diaspora Studies (3 cr.) S & H** Advanced study and analysis of selected issues and problems within the African American and African Diaspora experience utilizing interdisciplinary interpretation through analytical reasoning and philosophical discussions. Varied topics primarily in the areas of history, politics, sociology, anthropology, and economics. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 399 Advanced Topics in Arts and Humanities for African American and African Diaspora Studies (3 cr.) A & H** Advanced study and analysis of selected issues and problems within the African American and African Diaspora experience utilizing interdisciplinary interpretation through analytical reasoning and philosophical discussions. Varied topics primarily in the areas of history, politics, sociology, anthropology, and economics. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 405 Civil Rights and Black Power Movements, 1954–1974 (3 cr.) S & H** Examines the fight for civil rights by protest organizations such as Southern Christian Leadership Conference, Student Non-Violent Coordinating Committee, and Congress of Racial Equality; the emergence of black leaders such as King, Farmer, and Malcolm X; the challenge posed by Black Power advocates in the Black Panthers and Black Muslims; and the changes in American society made by the black revolution.

**AAAD–A 407 African American and African Protest Strategies (3 cr.) S & H, CSA** An examination of the historical roles, structures, the impact of black protest strategies, and the origins of black movements to assess their impact on communities in Africa and in the diaspora.

**AAAD–A 408 Race, Gender, and Class in Cross-Cultural Perspective (3 cr.) S & H, CSA** Examination of the influence of race, gender, and class from a perspective of power and culture. Use of interdisciplinary sources, including essays, fiction, art, and social science

research to examine how different social groups vie for representation, self-definition, and power in different social and cultural settings.

**AAAD–A 415 The Political Impact of Black Religion (3 cr.) S & H** The course will focus upon politically oriented African American and African religious activity including protest movements, nationalist groups, and electoral involvements. Course goals include familiarizing students with important actors and events in black religious and political affairs and developing critical thinking by students about politics and religious involvement in politics.

**AAAD–A 420 Transforming Divided Communities and Societies (3 cr.) S & H, CSA** Histories, theories, policies, and citizen, state, corporate, nonprofit sector models of transforming past and present societies divided by race, ethnicity, gender, class, caste, tribe, and religion through restorative and distributive justice movements and policies such as civil rights, affirmative action, reparations, and reconciliation tribunals.

**AAAD–A 425 The Black Family in Twentieth-Century Rural America, 1900–1970 (3 cr.) S & H** Examines the economic, social, cultural, and political development of black families residing primarily in rural areas of the southern United States before 1970. Primary attention given to institutional development, race relations, population, and migration.

**AAAD–A 447 Race, Crime, and Media (3 cr.)** Focus on crime reporting in America, addressing the question of whether or not the media distort the picture of crime. In particular, this course explores the mass media treatment of African Americans in the coverage of crime.

**AAAD–A 452 Historical Issues in Black Education (3 cr.) S & H** Education of black Americans and its relationship to the African American experience. Trends and patterns in the education of black Americans as they relate to the notions of education “for whom and for what.”

**AAAD–A 481 Racism and the Law (3 cr.) S & H** Contemporary racial problems in American society with regard to law and constitutional principles of basic freedoms and associated conflicts. Effects of societal norms and impact of racism.

#### Other Courses

**AAAD–A 197 Topics in African American and African Diaspora Studies (3 cr.)** Focuses on issues that have mapped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills. Varied topics that cut across departmental concentration areas. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 198 Special Topics in Social and Historical Studies for African American and African Diaspora Studies (3 cr.) S & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in preparing them for an interdisciplinary study of social and historical issues. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 199 Special Topics in Arts and Humanities for African American and African Diaspora Studies (3 cr.) A & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in preparing them for an interdisciplinary study of social and historical issues. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 298 Special Topics in Social and Historical Studies for African American and African Diaspora Studies (3 cr.) S & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in preparing them for an interdisciplinary study of social and historical issues. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 299 Special Topics in Arts and Humanities for African American and African Diaspora Studies (3 cr.) A & H** Focuses on issues that have shaped the diasporic experience of blacks in the United States, the world, and continental Africa in order to provide students with broad content to improve comprehension, writing, and analytical skills in the arts and humanities. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 398 Advanced Topics in Social and Historical Studies for African American and African Diaspora Studies (3 cr.) S & H** Advanced study and analysis of selected issues and problems within the African American and African Diaspora experience utilizing interdisciplinary interpretation through analytical reasoning and philosophical discussions. Varied topics primarily in the areas of history, politics, sociology, anthropology, and economics. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 399 Advanced Topics in Arts and Humanities for African American and African Diaspora Studies (3 cr.) A & H** Advanced study and analysis of selected issues and problems within the African American and African Diaspora experience utilizing interdisciplinary interpretations through analytical reasoning and philosophical discussions. Varied topics primarily in the areas of dance, music, film, theatre and drama, and literature. May be repeated with a different topic for a maximum of 6 credit hours.

**AAAD–A 400 Topics in African American Studies (3 cr.)** Intensive study and analysis of selected African American studies problems and issues of limited scope, approached within an interdisciplinary format. Varied topics that cut across departmental concentration areas. May be repeated for credit if topic differs.

**AAAD–A 486 Internship in African American Studies (3 cr.) P:** Junior or senior status with 15 credit hours of African American and African Diaspora Studies credit, and project approved by instructor. Directed readings, field research, research papers. Certain internship experiences may require research skills. May be repeated once for a total of 6 credits.

**AAAD–A 493 Senior Seminar in African American Studies (3 cr.) P:** Senior status as African American and African Diaspora Studies major. Lecture/discussions on African American studies as an interdisciplinary field of inquiry and scholarship. Students will develop individual or group projects that synthesize their experiences as majors by demonstrating the interrelated nature of the department's concentration areas.

**AAAD–A 495 Individual Readings in African American Studies (3 cr.)** A495 must be taken for 3 credit hours. A495 must be taken for 3 credit hours. With prior approval, may be repeated for a maximum total of 6 credit hours. Students who wish to enroll in A495 must (1) secure the written consent of the instructor and the departmental chairperson, and (2) file with the departmental secretary an approved list of readings to be completed during the semester.

**Topics may include:**

Reading in African American Fiction  
 Reading in African American Film Studies  
 Reading in African American Folklore  
 Reading in African American History  
 Reading in African American Nonfiction  
 Reading in African American Poetry  
 Reading in African American Sacred Music  
 Reading in African American Secular Music  
 Reading in African American Social Issues  
 Reading in African American Theatre and Drama

**AAAD–A 499 Honors Thesis (3 cr.) P:** Approval of instructor and departmental honors advisor. Development, completion, and defense of honors thesis. May be repeated for a maximum of 6 credit hours.

## Related Courses

A student may choose one of the following courses or other approved courses to satisfy requirements for an African American and African Diaspora Studies major with a concentration in:

### Arts

- A155 (Fine Arts) Introduction to African Art (3 cr.) **A & H, CSA**
- A453 (Fine Arts) Art of Sub-Saharan Africa I: Arts of Africa's Western Sudan (4 cr.) **S & H, CSA**
- A454 (Fine Arts) Art of Sub-Saharan Africa II: Arts of the West African Coast (4 cr.) **S & H, CSA**

### Literature

- C261 (Comparative Literature) Introduction to African Literature (3 cr.) **A & H, CSA**
- C361 (Comparative Literature) African Literature and Other Arts (3 cr.) **A & H, CSA**
- C464 (Comparative Literature) French Language Literature of Africa and the Americas (3 cr.) **A & H, CSA**
- L396 (English) African American Literature (3 cr.) **A & H, CSA**

### History, Culture, and Social Issues

- A347 (History) American Urban History (3 cr.) **S & H**
- C302 (Religious Studies) Religion in the United States, 1850–Present (3 cr.) **A & H**
- C238 (Communication and Culture) Communication in Black America (3 cr.) **A & H, CSA**

- C427 (Communication and Culture) Cross-Cultural Communication (3 cr.)
- E310 (Anthropology) Introduction to the Cultures of Africa (3 cr.) **CSA**
- E331 (History) African History from Ancient Times to Empires and City States (3 cr.) **S & H, CSA**
- E332 (History) African History from Colonial Rule to Independence (3 cr.) **S & H, CSA**
- F301 (Folklore) African Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- P425 (Criminal Justice) Women and the Criminal Justice System (3 cr.)
- P457 (Psychological and Brain Sciences) Topics in Psychology (1–3 cr.) Topic: Women: A Cross-Cultural Psychological Perspective
- P493 (Criminal Justice) Seminar in Criminal Justice (3 cr.) Topic: Minorities in Criminal Justice
- R160 (Religious Studies) Religion and American Culture (3 cr.) **A & H**
- Y325 (Political Science) African American Politics **S & H, CSA**
- Y329 (Political Science) Racial and Ethnic Politics in the United States **S & H, CSA**
- Y338 (Political Science) African Politics (3 cr.) **S & H, CSA**

## African Studies

### Introduction

The African Studies Program (AFRI) provides unique opportunities for students on the Indiana University Bloomington campus to study with distinguished faculty members, meet with visiting Africanists from all over the world, learn African languages, and use the outstanding facilities of the Wells Library, the Archives of Traditional Music, and the Art Museum. The program has both regional and subject-area concentrations in which faculty conduct research and offer courses. Regularly offered language courses include Akan, Arabic, Bamana, Swahili, Wolof, and Zulu. Tutorial sections in other African languages are provided as student need requires and as funding is available.

Undergraduate students can earn a Certificate in African Studies by completing a flexible course of study designed to fit their individual interests and needs. A certificate is more rigorous than a minor, showing potential employers and graduate schools that students have completed a comprehensive course of study in an important world region. A Certificate in African Studies also complements a major in many departments and professional schools throughout the university. Recognition that a student has earned a certificate appears on the transcript along with the student's major department. The certificate is awarded upon graduation from Indiana University.

### Contact Information

African Studies Program  
Indiana University  
Woodburn Hall 221  
Bloomington, IN 47405

(812) 855-8284  
[afrist@indiana.edu](mailto:afrist@indiana.edu)

<http://www.indiana.edu/~afrist/>

### Faculty

#### Director and Graduate Advisor

- Professor Samuel Obeng

#### Associate Director

- Dr. Maria Grosz-Ngate

#### Professors

- Osita Afoaku (Public and Environmental Affairs)
- A. B. Assensoh (African American and African Diaspora Studies)
- Salih Altoma (Emeritus, Near Eastern Languages and Cultures)
- Randall Baker (Emeritus, School of Public and Environmental Affairs)
- Robert Botne (Linguistics)
- George Brooks (Emeritus, History)
- Kevin Brown (School of Law)
- Mellonee Burnim (Folklore and Ethnomusicology)
- Claude Clegg (History)
- Hasan El-Shamy (Folklore and Ethnomusicology)
- Maurice Garnier (Emeritus, Sociology)
- Paula Girshick (Anthropology)
- Mary Goetze (Emerita, Music)
- Kevin Hunt (Anthropology)
- Eileen Julien (African American and African Diaspora Studies, Comparative Literature, French and Italian)
- Phyllis Martin (Emerita, History)
- Heitor Martins (Emeritus, Spanish and Portuguese)
- Portia Maultsby (Folklore and Ethnomusicology)
- Patrick McNaughton (Fine Arts)
- Emilio Moran (Anthropology)
- Samuel Obeng (Linguistics)
- Christine Ogan (Emerita, School of Journalism)
- Patrick O'Meara (Political Science, School of Public and Environmental Affairs)
- Robert Port (Emeritus, Linguistics)
- Iris Rosa (African American and African Diaspora Studies)
- Darlene Sadlier (Spanish and Portuguese)
- Kathy Schick (Anthropology)
- Jeanne Sept (Anthropology)
- Suzanne Stetkevych (Near Eastern Languages and Cultures)
- Beverly Stoeltje (Anthropology)
- Ruth Stone (Folklore and Ethnomusicology)
- David Thelen (Emeritus, History)
- Nicholas Toth (Anthropology)
- Richard Wilk (Anthropology)
- David Williams (School of Law)



### Associate Professors

- Trevor Brown (Emeritus, School of Journalism)
- Gracia Clark (Anthropology)
- Kenneth DeJong (Linguistics)
- Marion Frank-Wilson (English)
- Michael Gasser (Computer Science, Linguistics)
- Jane Goodman (Communication and Culture)
- Maria Elizabeth Grabe (Journalism)
- Matthew Guterl (African American and African Diaspora Studies, American Studies)
- John Hanson (History)
- John Johnson (Emeritus, Folklore and Ethnomusicology)
- Audrey McCluskey (African American and African Diaspora Studies)
- Murray McGibbon (Theatre and Drama)
- Susan Middlestadt (School of Health, Physical Education, and Recreation)
- Patrick Munson (Emeritus, Anthropology)
- Alwiya Omar (Linguistics)
- Michael Reece (Applied Health Science)
- Daniel Reed (Folklore and Ethnomusicology)
- Richard Stryker (Emeritus, Political Science)
- Margaret Sutton (Education)

### Assistant Professors

- Akinwumi Adesokan (Comparative Literature)
- Heather Akou (Apparel Merchandising and Interior Design)
- Beth Buggenhagen (Anthropology)
- Maria Grosz Ngate (Anthropology)
- Vivian Halloran (Comparative Literature)
- Lauren Morris MacLean (Political Science)
- Marissa Moorman (History)
- Michelle Moyd (History)
- Cecilia Obeng (Applied Health Science)
- Fernando Ona (School of Health, Physical Education, and Recreation)
- Diane Pelrine (Fine Arts)
- Ann Marie Thomson (School of Public and Environmental Affairs)
- Henry K. Wakhungu (School of Public and Environmental Affairs)
- N. Brian Winchester (Center for the Study of Global Change)

### Lecturers

- David Adu-Amankwah (African Studies)
- Betty Dlamini (African Studies)
- Abdou Yaro (African Studies)

### Academic Advising

- Dr. Maria Grosz-NGate, Woodburn Hall 221, (812) 855-5081

### Area Studies Librarian

- Marion Frank-Wilson

## Certificate in African Studies

### Purpose

The Certificate in African Studies provides a background for careers in foreign service, government, business, law, the academic world, and other areas.

### Required Courses

The certificate requires completion of 18 credit hours of Africa-related course work. In addition to L231 African Civilization and L232 Contemporary Africa, students must complete four elective courses, at least one of which must be at the 300 or 400 level. Elective courses may be selected from the dozens of Africa-related courses taught in the major disciplines and schools of the university. Students should have courses approved in advance by the associate director or director of African Studies. To be counted toward the certificate, elective courses must be taught by an African Studies Program faculty affiliate.

Students must also enroll for two semesters in a language other than English that is spoken on the African continent or demonstrate proficiency in such a language.

Completion of the language proficiency requirement does not count toward the required 18 credit hours needed for the certificate. Each semester the African Studies Program provides a list of courses that can be taken for certificate credit.

## Course Descriptions

### AFRI-L 100 Topics in African Society and Culture

(3 cr.) Study of selected topics in African studies not covered in existing regularly scheduled courses. May be repeated with a different topic for a maximum of 6 credit hours.

### AFRI-L 202 Occultism in Africa (3 cr.) CSA

Examines occultism in Africa by identifying major forms and their power of influence within selected regions. Develops a clear intellectual understanding of occult practice in Africa and the major role it plays there.

### AFRI-L 210 Popular Akan Oral Art Forms (3 cr.) CSA

Explores popular elements of Akan oral art and their influence on the Akan culture in the context of Sub-Saharan Africa. Promotes a clear understanding of popular forms of African expressive culture and the major roles they play in the cultures that create them, using Akan as the prime example.

### AFRI-L 231 African Civilization (3 cr.) S & H, CSA A

historical introduction to Africa.

### AFRI-L 232 Contemporary Africa (3 cr.) S & H, CSA

An introduction to current social, economic, and political issues in Africa.

### AFRI-L 400 Topics in African Studies (3 cr.) CSA

Intensive study of selected topics in African studies. Studies in special topics not ordinarily covered by African Studies program courses. May not duplicate a regularly offered course. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

### AFRI-L 401 Readings and Research in African Studies

(1-3 cr.) P: Junior or senior standing and approval of instructor. Independent readings or research project in African Studies. May be repeated for a maximum of 6 credit hours.

### AFRI-L 402 Internship in African Studies (2-4 cr.)

Requires a research paper related to the internship. Provides students with an opportunity to receive academic credit for work/service in an organization in Africa, or in a U.S. based organization focused on Africa or working

with an African constituency. Requires a research paper related to the internship.

## Cross-Listed Courses

### African American and African Diaspora Studies

- A150 Survey of the Culture of Black Americans (3 cr.) **A & H, CSA, TFR**
- A156 Liberation Struggles against Jim Crow and Apartheid (3 cr.) **S & H, CSA**
- A210 Black Women in the Diaspora (3 cr.) **S & H, CSA**
- A278 Contemporary Black Film (3 cr.) **A & H, CSA**
- A350 Black Atlantic (3 cr.) **A & H, CSA**
- A355 African American History I (3 cr.) **S & H, CSA**
- A360 Slavery: Worldwide Perspective (3 cr.) **S & H, CSA**
- A420 Transforming Divided Communities and Societies (3 cr.) **S & H, CSA**
- A430 The Cinema of Africana Women (3 cr.) **A & H, CSA**

### Anthropology

- A105 Human Origins and Prehistory (3 cr.) **S & H**
- A205 Anthropology Today: Selected Topics in Current Research (1–4 cr.) (Topic: West Africa Today)
- A303 Evolution and Prehistory (3 cr.) **S & H**
- B200 Bioanthropology (3 cr.) **N & M**
- B368 Evolution of Primate Social Behavior (3 cr.) **N & M**
- B400 Undergraduate Seminar (3 cr.) (Topic: Primate Behavior)
- B464 Human Paleontology (3 cr.)
- E105 Culture and Society (3 cr.) **S & H**
- E200 Social and Cultural Anthropology (3 cr.) **S & H**
- E300 Culture Areas and Ethnic Groups (1–3 cr.) (Topics with emphasis on Africa)
- E307 Shamanism and Spirit Possession (3 cr.) **S & H**
- E310 Introduction to the Cultures of Africa (3 cr.) **A & H, CSA**
- E312 African Religions (3 cr.) **A & H, CSA**
- E314 Voices of Women (3 cr.) **A & H**
- E400 Undergraduate Seminar (3 cr.) (Topics with emphasis on Africa)
- E408 Talk, Tales and Television (3 cr.) **A & H**
- E417 African Women (3 cr.) **S & H, CSA**
- E420 Economic Anthropology (3 cr.) **S & H**
- E423 Life Histories (3 cr.) **S & H**
- E455 Anthropology of Religion (3 cr.) **S & H**
- E460 The Arts in Anthropology (3 cr.) **A & H**
- E475 Law and Culture (3 cr.) **CSA**
- E490 Development and Anthropology (3 cr.)
- P200 Introduction to Archaeology (3 cr.) **S & H**
- P314 Earlier Prehistory of Africa (3 cr.) **S & H**
- P315 Later Prehistory of Africa (3 cr.) **S & H**
- P380 Prehistoric Diet and Nutrition (3 cr.) **N & M**

### Apparel Merchandising and Interior Design

- F301 Dress Studies: Cultural Analysis (3 cr.) **CSA**

### College of Arts and Sciences

- E103 Topics in Arts and Humanities (3 cr.) (Topics pertaining to African Studies)
- E104 Topics in Social and Historical Studies (3 cr.) (Topics pertaining to African Studies)

### Communication and Culture

- C422 Performance, Culture, and Power in the Middle East and North Africa (3 cr.) **S & H, CSA**

### Comparative Literature

- C155 Culture and the Modern Experience: An Interdisciplinary and International Approach (3 cr.) **A & H, CSA** (Topics with emphasis on Africa)
- C261 Introduction to African Literature (3 cr.) **A & H, CSA**
- C262 cross-Cultural Encounters (3 cr.) **A & H, CSA** (Topics with emphasis on Africa)
- C291 Studies in Non-Western Film (3 cr.) **A & H, CSA** (Topics with emphasis on Africa)
- C301 Special Topics in Comparative Literature (3 cr.) **A & H, CSA** (Topics with emphasis on Africa)
- C340 Women in World Literature (3 cr.) **A & H, CSA** (Topics with emphasis on Africa)
- C361 African Literature and Other Arts (3 cr.) **A & H, CSA**
- C363 Black Paris (3 cr.) **A & H, CSA**
- C400 Studies in Comparative Literature (3 cr.) **A & H** (Topics with emphasis on Africa)
- C464 French Language Literature of Africa and the Americas (3 cr.) **A & H, CSA**

### Fine Arts

- A155 Introduction to African Art (3 cr.) **A & H, CSA**
- A350 Topics in African, Oceanic, and Pre-Columbian American Art (3 cr.)
- A352 Art of Eastern and Southern Africa (3 cr.) **S & H, CSA**
- A355 Art, Craft, and Technology in Sub-Saharan Africa (3 cr.) **CSA**
- A356 Art of Central Africa (3 cr.) **A & H, CSA**
- A453 Art of Sub-Saharan Africa I: Arts of Africa's Western Sudan (4 cr.) **S & H, CSA**
- A454 Art of Sub-Saharan Africa II: Arts of the West African Coast (4 cr.) **S & H, CSA**
- A458 Topics in the Ethnographic Arts (3 cr.) **S & H** (Topics with emphasis on Africa)

### Folklore and Ethnomusicology

- E302 Music in African Life (3 cr.) **A & H, CSA**
- F205 Folklore in Video and Film (3 cr.) **A & H, TFR**
- F252 Folklore and the Humanities (3 cr.) **A & H** (Topic: Global Pop Music)
- F301 African Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F307 Middle Eastern Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA** (Topics with emphasis on North African communities)
- F354 African American Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F403 Practicum in Folklore/Ethnomusicology (3 cr.) (emphasis on Africa)
- F450 Music in Religious Thought and Experience (3 cr.) **A & H**

- F494 Transcription and Analysis of Traditional Music (3 cr.) **A & H** (emphasis on Africa)

### History

- E100 Issues in African History (3 cr.) **S & H**
- E200 Issues in African History (3 cr.) **S & H**
- E300 Issues in African History (3 cr.) **S & H**
- E331 African History from Ancient Times to Empires and City States (3 cr.) **S & H, CSA**
- E332 African History from Colonial Rule to Independence (3 cr.) **S & H, CSA**
- E333 Conflict in Southern Africa (3 cr.) **S & H, CSA**
- E334 History of Western Africa (3 cr.) **S & H, CSA**
- E336 History of East Africa (3 cr.) **S & H, CSA**
- E338 History of Muslim West Africa (3 cr.) **S & H, CSA**
- E340 African History and Popular Culture (3 cr.) **S & H, CSA**
- E400 Issues in African History (3 cr.) **S & H**
- H101-H102 The World in the Twentieth Century I–II (3–3 cr.) I: **S & H**; II: **S & H, CSA**
- H227 African Civilizations (3 cr.) **S & H, CSA**
- J200 Seminar in History (3 cr.) **S & H** (Topics with emphasis on Africa)
- J300 Seminar in History (3 cr.) **S & H** (Topics with emphasis on Africa)

### Linguistics

- A400 Individual Study of African Language (3 cr.)
- B101-B102 Elementary Bamana I–II (4–4 cr.)
- B201-B202 Intermediate Bamana I–II (4–4 cr.)
- B301-B302 Advanced Bamana I–II (4–4 cr.)
- F101-F102 Elementary African Languages I–II (4–4 cr.)
- F201-F202 Intermediate African Languages I–II (3–3 cr.)
- F301-F302 Advanced African Languages I–II (3–3 cr.)
- K101-K102 Elementary Akan I–II (4–4 cr.)
- K201-K202 Intermediate Akan I–II (3–3 cr.)
- K301-K302 Advanced Akan I–II (3–3 cr.)
- L112 Language and Politics (3 cr.) **S & H, TFR**
- L114 Language and Religion (3 cr.) **A & H, TFR**
- L303 Introduction to Linguistic Analysis (3 cr.) **N & M**
- L306 Introduction to Phonetics (3 cr.) **N & M**
- L367 Languages of the World (3 cr.) **S & H**
- L431 Field Methods (3 cr.)
- L432 Advanced Field Methods (3 cr.)
- L480 Introduction to African Linguistics (3 cr.) **S & H**
- L481 Languages in Africa (3 cr.) **S & H, CSA**
- L490 Linguistic Structures (3 cr.)
- S101-S102 Elementary Swahili I–II (4–4 cr.)
- S201-S202 Intermediate Swahili I–II (3–3 cr.)
- S301-S302 Advanced Swahili I–II (3–3 cr.)
- Z101-Z102 Elementary Zulu I–II (4–4 cr.)
- Z201-Z202 Intermediate Zulu I–II (3–3 cr.)
- Z301 Advanced Zulu I–II (3–3 cr.)

### Near Eastern Languages and Cultures

- A100-A150 Elementary Arabic I–II (4–4 cr.)
- A200-A250 Intermediate Arabic I–II (3–3 cr.)
- A300-A350 Advanced Arabic I–II (3–3 cr.)

- N223 Conversational Arabic I (3 cr.)
- N255 Multimedia Arabic (3 cr.)

### Political Science

- Y107 Introduction to Comparative Politics (3 cr.) **S & H**
- Y200 Contemporary Political Topics (3 cr.) **S & H** (Topics pertaining to Africa)
- Y338 African Politics (3 cr.) **S & H, CSA**
- Y343 The Politics of International Development (3 cr.) **S & H** (with emphasis on Africa)
- Y346 Politics in the Developing World (3 cr.) **S & H** (with emphasis on Africa)
- Y362 International Politics of Selected Regions (Africa) (3 cr.) **S & H**

### Spanish and Portuguese

- P317 Reading and Conversation in Portuguese (3 cr.)
- P400 Literatures of the Portuguese-Speaking World I (3 cr.) **A & H, CSA**
- P401 Literatures of the Portuguese-Speaking World II (3 cr.) **A & H, CSA**
- P415 Women Writing in Portuguese (3 cr.) **A & H**
- P495 Luso-Brazilian Colloquium (1–3 cr.) Topic: Literatures of Africa in Portuguese

### School of Health, Physical Education, and Recreation

- H150 Preschool Children's Health (3 cr.)
- H163 Emerging Health Issues (3 cr.) (emphasis on Africa)
- H317 Topical Seminar in Health Education (3 cr.) (emphasis on Africa)
- H414 Health Education in Grades K–6 (3 cr.)

### School of Public and Environmental Affairs

- V160 National and International Policy (3 cr.) (with Africa emphasis)
- V450 Contemporary Issues in Public Affairs (Africa) (1–3 cr.)

## American Studies

### Introduction

The American Studies Program (AMST) provides students with an opportunity to pursue the study of American cultures from an interdisciplinary perspective. Courses are designed to examine significant aspects of U.S. institutions, policy, media, and cultural expressions by drawing on a wide range of resources from the social sciences and humanities. Because of its interdisciplinary nature, American Studies attracts students with diverse interests who wish to know more about the United States in a comparative, international context.

## Contact Information

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[www.indiana.edu/~amst](http://www.indiana.edu/~amst)

## Faculty

### Director

- Matthew Pratt Guterl\* (African American and African Diaspora Studies)

### Associate Director

- Vivian Nun Halloran (Comparative Literature)

### Distinguished Professors

- David N. Baker Jr. (Jacobs School of Music)
- Richard Bauman (Folklore and Ethnomusicology)

### College Professor

- Henry Glassie (Folklore and Ethnomusicology)

### Chancellor's Professors

- John Bodnar (History)
- Raymond DeMallie (Anthropology)

### Professors

- Judith Allen (Gender Studies)
- Patrick Baude (School of Law)
- Mellonee Burnim (Folklore and Ethnomusicology)
- Sarah Burns (Art History/Fine Arts)
- Claude Clegg (History)
- Stephen Conrad (School of Law)
- Ray DeMallie, Jr. (Anthropology)
- Sandra Dolby (Folklore and Ethnomusicology)
- Ellen Dwyer (Criminal Justice)
- Jonathan Elmer (English)
- Wendy Gamber (History)
- Jesse Goodman (School of Education)
- Michael Grossberg (History)
- Karen Hanson (Philosophy)
- Russell Hanson (Political Science)
- Raymond Hedin (English)
- David Hertz (Comparative Literature)
- George Hutchinson (English)
- Christoph Irmscher (English)
- Jeffrey C. Isaac (Political Science)
- Robert Ivie (Communication and Culture)
- Barbara Klingler (Communication and Culture, Film Studies)
- Edward T. Linenthal (History)
- John Lucaites (Communication and Culture)
- James Madison (History)
- Michael Martin (African American and African Diaspora Studies)

- Portia Maultsby (Folklore and Ethnomusicology)
- Audrey McCluskey (African American and African Diaspora Studies)
- Michael McGerr (History)
- Richard B. Miller (Religious Studies, Poynter Center)
- David P. Nord (School of Journalism)
- Darlene Sadlier (Spanish and Portuguese)
- John Stanfield (African American and African Diaspora Studies)
- Beverly Stoeltje (Anthropology)
- Steven Stowe (History)
- Gregory Waller (Communication and Culture),
- Pamela Walters (Sociology)
- Vernon J. Williams (African American and African Diaspora Studies)

### Associate Professors

- Chris Anderson (Communication and Culture)
- Purnima Bose (English)
- James Capshew (History and Philosophy of Science)
- Deborah Cohn (Spanish and Portuguese)
- Nick Cullather (History)
- Mark Deuze (Telecommunications)
- Judith Failer (Political Science)
- Valerie Grim (African American and African Diaspora Studies)
- Matthew Pratt Guterl\* (African American and African Diaspora Studies)
- Paul Gutjahr (English)
- Vivian Halloran (Comparative Literature)
- Joan Hawkins (Communication and Culture)
- Jason B. Jackson (Folklore and Ethnomusicology)
- Stephanie Kane (Criminal Justice)
- DeWitt Kilgore (English)
- Sarah Knott (History)
- Fred McElroy (African American and African Diaspora Studies)
- John Nieto-Phillips (Latino Studies)
- Radhika Parameswaran (Journalism)
- Phaedra Pezzullo (Communication and Culture)
- Stephen Russell (Criminal Justice)
- Eric Sandweiss (History)
- Dennis Senchuk (Philosophy)
- Robert Terrill (Communication and Culture)

### Assistant Professors

- Sonya Atalay (Anthropology)
- Marlon M. Bailey (Gender Studies)
- Karen Bowdre (Communication and Culture)
- Judah Cohen (Folklore and Ethnomusicology)
- Serafin M. Coronel-Molina (Education)
- Denise Cruz\* (English)
- Stephanie DeBoer (Communication and Culture)
- Konstantin Dierks (History)
- Geneva M. Gano\*
- Ilana Gershon (Communication and Culture)
- Mary Gray (Communication and Culture)
- Terrill Scott Herring (English)
- Colin Johnson (Gender Studies)

- Michael Kaplan (Communication and Culture)
- Susan Lepsester\* (Communication and Culture)
- Jason McGraw\* (History)
- Khalil Muhammad (History)
- Amrita Myers (History)
- Laura Scheiber (Anthropology)
- Micol Seigel\* (African American and African Diaspora Studies)
- Stephen Selka\* (African American and African Diaspora Studies)
- Christina Snyder\* (History)
- Marvin Sterling (Anthropology)
- Ted Striphas (Communication and Culture)
- Shane Vogel (English)
- Brenda Weber (Gender Studies)
- Ellen D. Wu (History)
- Tarajeon Yazzie-Mintz (Education)

### Lecturers

- Karen Inouye\*
- Franklin L. Hess (West European Studies)

### Academic Advising

- Sean McGuire, Kirkwood Hall 012, (812) 855-1647

\* American Studies core faculty.

## Major in American Studies Requirements

Students must complete 30 credit hours in American Studies. 15 credit hours must come from American Studies core courses.

### Required Core Courses

- A100 What Is America? (3 cr.) **A & H**
- A200 Comparative American Identities (3 cr.) **A & H**
- A350 Topics in Interdisciplinary American Studies (3 cr.)
- A351 American Studies in Transnational Contexts (3 cr.) **A & H**
- A450 Senior Seminar in American Studies (3 cr.)

In consultation with the Director, students design an individual concentration (minimum of 15 credit hours) that provides focus and purpose to their remaining course work in the major and a solid background for their senior seminar topic. The concentration will be built from concentration courses offered through American Studies.

### Concentration Courses

- A201 U.S. Movements and Institutions (3 cr.) **S & H**
- A202 U.S. Arts and Media (3 cr.) **A & H**
- A275 Indigenous Worldviews in the Americas (3 cr.) **S & H, CSA**
- A298 Special Topics in Arts and Humanities for American Studies (3 cr.) **A & H**
- A299 Special Topics in Social and Historical Studies for American Studies (3 cr.) **S & H**
- A300 The Image of America in the World (3 cr.) **S & H**
- A398 Advanced Topics in Arts and Humanities for American Studies (3 cr.) **A & H**

- A399 Advanced Topics in Social and Historical Studies for American Studies (3 cr.) **S & H**
- A401 Readings in American Studies (1–3 cr.)
- A402 Service Learning in American Studies (1–3 cr.)

Additional concentration courses are offered in other departments and programs and are cross-listed in American Studies. For a list of courses, please consult with the Director of the American Studies Program, Ballantine Hall 521, (812) 855-7718, [amst@indiana.edu](mailto:amst@indiana.edu).

## Departmental Honors Program

Students pursuing an honors degree in American studies must maintain a GPA of at least 3.300 overall and 3.500 or higher in the major. To graduate with honors, a student must complete a total of 42 credit hours, including the specific requirements listed below:

1. In addition to the major requirements, honors students must complete A451 Honors Senior Seminar in American Studies (3 cr.), and A452 Honors Thesis in American Studies (3 cr.).
2. Honors students also must demonstrate advanced language competency in a single foreign language equivalent to a third year of study. This may require students to take an additional two semesters (6 cr.) of a foreign language beyond the standard College requirements, including at least one course at the 300 level or above that studies a foreign language literature. The language chosen for study must pertain directly to American Studies and requires the approval of the director of the American Studies Program.

## Minor in American Studies

Students must complete 15 credit hours. At least 12 credit hours must be at the 200 level or above; at least 6 credit hours in American Studies courses must be at the 300–400 level.

1. A100 *What is America?* (3 cr.)
2. Two American Studies courses at the 200 level or higher including at least one of the following: A200 *Comparative American Identities* (3 cr.), A201 *U.S. Movements and Institutions* (3 cr.), or A202 *U.S. Arts and Media* (3 cr.).
3. Two American Studies courses at the 300–400 level for a total of 6 credit hours.

## Course Descriptions

**AMST–A 100 What Is America? (3 cr.) A & H** Explores ideas about citizenship, national identity, and the social contract in the broader Americas. What makes us “Americans”? How do we define “America”? How does national identity compete with and relate to other forms of identity, such as social status or class, religious association, gender and sexuality, and racial or ethnic description?

**AMST–A 200 Comparative American Identities (3 cr.) A & H** Examines the formation of legal, social, cultural, and economic identities within the United States and within U.S.–controlled territories. Who counts as “American”? To what ends have citizens and non-citizens assumed, claimed, or refused “American” identity? This course employs a comparative frame in considering elite and subordinated classes (and/or genders, races,

ethnicities, sexualities); institutional and countercultural forms of self-definition; official history and alternative acts of collective memory.

**AMST–A 201 U.S. Movements and Institutions (3 cr.) S & H** Study and analysis of a social movement, an institutional structure, or an otherwise clearly delimited arena of social regulation and public activity. Constructing, deconstructing, reconstructing an object of social study. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 202 U.S. Arts and Media (3 cr.) A & H** Interdisciplinary approaches to a cultural genre (e.g., science fiction, pop art, jazz), discourse (e.g., individualism, family values, globalization) or medium (e.g., comics, television, the Internet). Constructing, deconstructing, reconstructing an object of cultural study. Recent topics have included Images of the Body, Jazz and Cultural Hierarchy, and Youth Cultures. May be repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 275 Indigenous Worldviews in the Americas (3 cr.) S & H, CSA** A survey of some basic aspects of indigenous lifeways in the Americas, this course introduces comparative cultural analysis, providing a foundational course for those interested in thinking about how others think and how we think about otherness. Students will examine mythology, ritual, health, art, and philosophy within the context of colonialism and globalization.

**AMST–A 298 Special Topics in Arts and Humanities for American Studies (3 cr.) A & H** Study and analysis of a single, closely focused American studies topic within arts and humanities. Topics vary from semester to semester. Focuses on the refinement of students' skills in writing, interdisciplinary interpretation, analytical reasoning, discussion, and research related to the study of fine arts, literature, film, and popular culture. May be repeated with a different topic for a total of 6 credit hours.

**AMST–A 299 Special Topics in Social and Historical Studies for American Studies (3 cr.) S & H** Study and analysis of a single, closely focused American studies topic within social and historical studies. Topics vary from semester to semester. Focuses on the refinement of students' skills in writing, interdisciplinary interpretation, analytical reasoning, discussion, and research related to the study of public policy, political, economic, and social realities. May be repeated with a different topic for a total of 6 credit hours.

**AMST–A 300 The Image of America in the World (3 cr.) S & H** An exploration of the history and present significance of "America"—an idea and a nation—in the larger world. Focuses on the image, status, and reputation of the United States abroad, and on the importance of America's "moral" global prestige to the course of international affairs and domestic politics.

**AMST–A 350 Topics in Interdisciplinary American Studies (3 cr.)** Focusing on a specific topic (which will vary by semester), students reflect on established American studies disciplinary methodologies and explore possibilities for new interdisciplinary syntheses. Students consider such issues as the questions a historian asks of a political manifesto and how these questions differ from those of the literary critic or the sociologist. May be

repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 351 American Studies in Transnational Contexts (3 cr.) A & H** Invites a critical and historical analysis of the relation of culture to nation: why is the study of culture traditionally bound in national frames of reference, and how might we organize a study of culture differently? Pursues the question topically (by considering ideas, peoples, social movements, etc., that cross national borders) and conceptually (by attention to the intellectual traditions that make possible alternative mappings of cultural study). May be repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 397 Foreign Studies in American Studies (1–6 cr.)** Credit for foreign study in American studies when no specific equivalent is available among program offerings. May be repeated for a maximum of 6 credit hours.

**AMST–A 398 Advanced Topics in Arts and Humanities for American Studies (3 cr.) A & H** Advanced study and analysis of a single, closely focused American studies topic within arts and humanities. Topics vary from semester to semester. Focuses on refinement of students' skills in writing, interdisciplinary interpretation, analytical reasoning, discussion, and research related to the study of fine arts, literature, film, and popular culture. May be repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 399 Advanced Topics in Social and Historical Studies for American Studies (3 cr.) S & H** Advanced study and analysis of a single, closely focused American studies topic within social and historical studies. Topics vary from semester to semester. Focuses on the refinement of students' skills in writing, interdisciplinary interpretation, analytical reasoning, discussion, and research related to the study of public policy, political, economic, and social realities. May be repeated with a different topic for a maximum of 6 credit hours.

**AMST–A 401 Readings in American Studies (1–3 cr.)** Enables undergraduates of advanced standing to undertake independent research projects under the direction of an American Studies faculty member. Students will typically arrange for 2 to 3 credit hours of work, depending upon the scope and depth of reading, research, and production. Projects will be interdisciplinary and should foreground topics clearly within the rubric of American studies. May be repeated with different topics for a maximum of 6 credit hours.

**AMST–A 402 Service Learning in American Studies (1–3 cr.)** Enables undergraduates of advanced standing to make intellectual connections between scholarly pursuits and community involvement. Students arrange 1 to 3 credit hours of service work either on creative projects that benefit a community (howsoever defined), or with local nonprofit organizations, government agencies, activist groups, or foundations. Under the direction of their faculty sponsor, students will develop a project outline consistent with American studies inquiry and concerns, a method of accountability, and a final report. May be repeated for a maximum of 6 credit hours.

**AMST–A 450 Senior Seminar in American Studies (3 cr.) P:** A350 and A351, or permission of instructor. The capstone course in the major. Early readings and

discussions invite critical reflection on the design of interdisciplinary work, its motives, and the standards of coherence and of evidence that may govern its evaluation. Students develop a senior project, which may take the form of a traditional senior thesis or of a substantial video essay, Web site, multimedia project, performance piece, installation, etc. Students pursuing creative projects (e.g., a fictional film as opposed to a video documentary) must complement their creative work with considerable critical reflection on its purpose, stakes, design, and limits.

**AMST–A 451 Honors Senior Seminar in American Studies (3 cr.)** P: A350 and A351, or permission of instructor. For honors students only. For honors students only. Introduction to various approaches in American studies scholarship, illustrated by the work of professors in the program, in preparation and training for the writing of an honors thesis.

**AMST–A 452 Honors Thesis in American Studies (3 cr.)** P: A451. For honors students only. For honors students only. Students develop and write an honors thesis under the direction of an American studies faculty member. An oral examination of the thesis is conducted by three faculty members.

## Animal Behavior

### Introduction

The Program in Animal Behavior (ABEH) encourages students to explore the many different ways in which scientists aim to understand the physiological, environmental, and evolutionary factors influencing and constraining animal behavior. The undergraduate minor emphasizes courses needed to develop a background in the different disciplines that study animal behavior, providing students with the language they need to transcend traditional disciplinary boundaries and to reflect on the consequences of different intellectual approaches to a single problem.

To complete the minor, students take courses in evolutionary biology, neuroscience, learning, and more. They also have the opportunity to engage in their own independent research and to conduct applied internships in which they apply their newly learned knowledge to practical problems in zoos, museums, and veterinary contexts.

### Contact Information

Program in Animal Behavior  
Indiana University  
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[cisab@indiana.edu](mailto:cisab@indiana.edu)

[www.indiana.edu/~animal](http://www.indiana.edu/~animal)

## Faculty

### Director

- Associate Professor Gregory E. Demas

## Professors

- Jeffrey R. Alberts (Psychological and Brain Sciences)
- Colin Allen (History and Philosophy of Science)
- Randall D. Beer (Cognitive Science Program)
- Peter Cherbas (Biology)
- Robert de Ruyter van Steveninck (Physics)
- Robert DeVoe (Emeritus, Optometry)
- Preston E. Garraghty (Neuroscience Program, Psychological and Brain Sciences)
- Julia R. Heiman (The Kinsey Institute for Research in Sex, Gender, and Reproduction)
- Kevin D. Hunt (Anthropology)
- Ellen Ketterson (Biology)
- Curtis M. Lively (Biology)
- Elisabeth Lloyd (History and Philosophy of Science)
- Ken Mackie (Psychological and Brain Sciences)
- Emilia P. Martins (Biology)
- Craig E. Nelson (Biology)
- Val Nolan Jr. (Emeritus, Biology)
- Milos Novotny (Chemistry)
- Rudolph Raff (Biology)
- J. C. Randolph (School of Public and Environmental Affairs)
- George V. Rebec (Neuroscience Program, Psychological and Brain Sciences)
- Stephanie Sanders (Gender Studies)
- Kathy D. Schick (Anthropology)
- Dale R. Sengelaub (Neuroscience Program, Psychological and Brain Sciences)
- Roderick A. Suthers (Health Sciences, Neuroscience Program)
- William D. Timberlake (Psychological and Brain Sciences)
- Peter M. Todd (Psychological and Brain Sciences)
- Nicholas Toth (Anthropology)
- Virginia Vitzthum (Anthropology)
- Michael J. Wade (Biology)
- Meredith J. West (Psychological and Brain Sciences)

## Associate Professors

- Gregory E. Demas (Biology)
- James L. Goodson (Biology)
- Henry D. Prange (Medical Sciences Program)
- Whitney M. (Reilly) Schlegel (Biology, Human Biology)
- Troy Smith (Biology)
- S. Holly Stocking (School of Journalism)
- Gregory J. Velicer (Biology)
- Suresh Visuanathan (School of Optometry)
- Cara L. Wellman (Psychological and Brain Sciences)

## Assistant Professors

- John M. Beggs (Physics)
- Heather B. Bradshaw (Psychological and Brain Sciences)
- Richmond Harbaugh (Kelley School of Business)
- Laura Hurley (Biology)
- Daniel B. Kearns (Biology)
- Armin P. Moczek (Biology)

- Michael P. Muehlenbein (Anthropology)
- Laura L. Scheiber (Anthropology)
- Sima Setayeshgar (Physics)

### Academic Advising

- Associate Professor Gregory E. Demas, Jordan Hall 265, (812) 856-0158

### Associate Scientist

- Marcy A. Kingsbury (Biology)

### Senior Scientist

- Andrew King (Psychological and Brain Sciences)

### Academic Advisor

- Janis Bolling (if PSY), Psychology 229, (812) 855-2151
- Mary Ann Miller (if BIOL), Jordan Hall 265, (812) 855-3910
- Kim Hinton (if ANTH), Student Building 055, (812) 856-0905

## Certificate in Animal Behavior

### Requirements

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. Students may be awarded either the minor or the Certificate in Animal Behavior.

In order to complete the certificate, the student must complete the following in addition to the requirements for the minor:

- One additional course from the upper-level course list from requirement 4 of the minor, or a field biology course approved by the Program in Animal Behavior director.
- At least 3 credit hours of internship or independent research, including the submission of a written thesis in animal behavior, anthropology, biology, or psychology:

### Animal Behavior

- A495 Animal Behavior Internship (3 cr. minimum)

### Anthropology

- A406 Fieldwork in Anthropology (3 cr. minimum)
- A408 Museum Practicum (3 cr. minimum)
- A496 Field Study in Anthropology (3 cr. minimum)

### Biology

- L490 Individual Study (3 cr. minimum)

### Psychological and Brain Sciences

- P493 Supervised Research I (3 cr. minimum)
- P494 Supervised Research II (3 cr. minimum)

## Minor in Integrative Study of Animal Behavior

### Requirements

Students must complete six courses (minimum of 17 credit hours; most course choices will result in more than 17 credit hours).

1. Students must complete two introductory courses, choosing one course from two of the following departments:

### Anthropology

- B200 Bioanthropology (3 cr.)
- E200 Social and Cultural Anthropology (3 cr.)
- L200 Language and Culture (3 cr.)

### Biology

- L111 Introduction to Biology: Evolution and Diversity (3 cr.)
- L112 Introduction to Biology: Biological Mechanisms (3 cr.)
- E111 Basic Biology by Examination I (3 cr.)
- E112 Basic Biology by Examination II (3 cr.)

### Psychological and Brain Sciences

- P101 Introductory Psychology I (3 cr.)
- P102 Introductory Psychology II (3 cr.)
- P106 General Psychology, Honors (4 cr.)

2. Students must also complete at least one of the following courses in animal behavior:

- BIOL Z460 Ethology (3 cr.)
- PSY P417 Animal Behavior (3 cr.)

3. Students must complete one course from two of the following categories, representing core courses for studying animal behavior:

### Evolution

- BIOL L318 Evolution (3 cr.) or BIOL S318 Evolution, Honors (4 cr.)
- BIOL L369 Heredity, Evolution, and Society (3 cr.)

### Learning and Development

- PSY P325 Psychology of Learning (3 cr.)
- PSY P444 Developmental Psychobiology (3 cr.)

### Mechanism

- BIOL Z466 Endocrinology (3 cr.)
- PSY P326 Behavioral Neuroscience (3 cr.)
- BIOL L311 Genetics (3 cr.)

4. Students must complete at least one additional upper-level course related to animal behavior. Many courses are possible, including:

### Animal Behavior

- A495 Animal Behavior Internship (1-6 cr.)

### Anthropology

- B368 The Evolution of Primate Social Behavior (3 cr.)
- B466 The Primates (3 cr.)

### Biology

- Z373 Entomology (3 cr.)
- Z374 Invertebrate Zoology (3 cr.)
- L317 Developmental Biology (3 cr.)
- L376 Biology of Birds (4 cr.)
- L377 Biology of Amphibians and Reptiles (3 cr.)
- Z406 Vertebrate Zoology (5 cr.)
- L433 Tropical Biology (3 cr.)
- L465 Advanced Field Biology (3 cr.)
- L473 Ecology (3 cr.)



- L474 Field and Laboratory Ecology (2 cr.)
- Z476 Biology of Fishes (3 cr.)

### Cognitive Science

- Q301 Brain and Cognition (3 cr.)

### Psychological and Brain Sciences

- P315 Developmental Psychology (3 cr.)
- P327 Psychology of Motivation (3 cr.)
- P410 Development of the Brain and Behavior (3 cr.)
- P411 Neural Bases of Learning and Memory (3 cr.)
- P416 Evolution and Ecology of Learning (3 cr.)
- P444 Developmental Psychobiology (3 cr.)

## Course Description

### ABEH–A 495 Animal Behavior Internship (1–6 cr.)

P: Consent of department. Hands-on animal behavior research experience in practical situations. Interns are matched with faculty mentors and internship sites. Students combine research with practical service to the host organization. May be taken or repeated for a maximum of 6 credit hours.

## Anthropology

### Introduction

Anthropology is the interpretive, scientific, and comparative study of humankind. The Department of Anthropology (ANTH) offers courses in the history of the discipline, museum studies, general anthropology, and the four subfields: anthropological linguistics, archaeology, bioanthropology, and social/cultural anthropology.

Anthropological linguistics concentrates on human communication through language: the structure of languages, the history of their development and interrelationship, and the social contexts for language use. Archaeology explores the material remains of cultures in the recent and distant past, seeking to understand how people once lived. Bioanthropology emphasizes primate origins, evolution, and present-day biological/genetic variation and adaptation of human populations. Social/cultural anthropology studies contemporary and historical cultures and societies of every scale worldwide, organized by both geographical areas and interpretive themes.

### Contact Information

Department of Anthropology  
Indiana University  
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(812) 855-1041

[anthro@indiana.edu](mailto:anthro@indiana.edu)

<http://www.indiana.edu/~anthro/flash.html>

## Faculty

### Chairperson

- Eduardo Brondizio

### Distinguished Professors

- Emilio F. Moran

### Chancellor's Professors

- Raymond DeMallie
- Anya Peterson Royce

### Rudy Professor

- Emilio F. Moran

### Professors

- Joëlle Bahloul
- Eduardo Brondizio
- Geoffrey Conrad
- Della Cook
- Paula Girshick
- Kevin Hunt
- Douglas Parks
- K. Anne Pyburn
- Kathy Schick
- Jeanne Sept
- Nazif Shahrani
- Beverly Stoeltje
- Nicholas Toth
- Virginia Vitzthum
- Andrea Wiley
- Richard Wilk

### Associate Professors

- Gracia Clark
- Sara Friedman
- Frederika Kaestle
- Philip LeSourd
- Sarah Phillips
- P. Thomas Schoenemann
- Frances Trix
- Catherine Tucker

### Assistant Professors

- Susan Alt
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- Beth Buggenhagen
- L. Shane Greene
- Stacie King
- Michael Muehlenbein
- Laura Scheiber
- Marvin Sterling
- Daniel Suslak

### Senior Lecturer

- April Sievert

### Faculty Emeriti

- Richard Bauman
- Paul Jamison
- Robert Meier
- Patrick Munson
- Christopher Peebles
- Karen Vitelli

### Academic Advising

- Kim Hinton, Student Building 055, (812) 856-0905

## Area Certificate in Global Human Diversity

### Purpose

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. The Certificate in Global Human Diversity is available to students outside the anthropology major. This certificate explores the cultural, biological, linguistic, and historical diversity of human societies worldwide. The certificate program prepares students to address major problems of identity, race, conflict, power, and access to resources using perspectives from all four subfields of anthropology.

### Required Courses

The certificate requires 24 credit hours, normally eight semester courses, and comprises both required and elective courses. Students must take at least one course in bioanthropology, and at least one foundational course in social and cultural anthropology, along with courses having area or topical focus. An internship is strongly encouraged. For further information, contact the anthropology advising office.

1. ANTH-E 205 Peoples of the World (3 cr.) or ANTH-E 210 Rethinking Race Globally (3 cr.).
2. Two courses from the following:
  - B200 Bioanthropology
  - E200 Social and Cultural Anthropology
  - L200 Language and Culture
  - P200 Introduction to Archaeology
3. Internship or field project (either under A496 or as part of a course).
4. Two topical or thematic anthropology courses selected after consulting with an advisor.
5. Two area or regional courses selected after consulting with an advisor.

## Major in Anthropology

### Purpose

The anthropology major acquaints students with basic principles, methods, and findings in anthropological study. Students may acquire a general background in anthropology or develop particular interests in one of the subfields.

### Requirements

Students must complete a minimum of 33 credit hours in anthropology, including:

1. B200, E200, L200, and P200
2. One advanced course (300–400 level) each in three of the four subfields with prefixes "B" for bioanthropology, "E" for social and cultural anthropology, "L" for anthropological linguistics, and "P" for archaeology. Students may substitute A410 for one of these courses.
3. One course designated as having a methods component. These include A306, A405, A406, A410, B301, B405, E302, E423, E485, P301, P380, P385, P390, P401, P405, P406, P425, P426, and other sections taught under variable title if approved by the

advisor. (Methods courses may also count toward the upper-level subfield requirement.)

4. Remaining credit hours are distributed across advanced courses in any of the four subfields according to student interest. A student may count two additional courses at the 200 level. A105, A303, E105, and E303 do not count toward the major.

Students planning to major in anthropology should begin by taking 200-level courses for introduction to the four subfields. Students must also complete the degree requirements for the College of Arts and Sciences.

### Recommendations

Each of the four subfields of anthropology has different expectations as to the course work that best complements the interests and skills of students in each subfield. Course work taken in other departments should be selected in consultation with the director of undergraduate studies. The senior capstone seminar, A410, is recommended for majors.

Graduate work in anthropology often requires knowledge of one or more foreign languages, and students should plan their undergraduate programs accordingly.

## Minor in Anthropology

Students must complete a minimum of 15 credit hours in anthropology to include:

1. No more than one course at the 100 level.
2. At least one course selected from B200, E200, L200, and P200.
3. One additional course at the 200 level or above.
4. At least two advanced courses (300–400 level) selected in conjunction with the advisor to suit the student's interests.
5. Students may select up to 5 credit hours from A406, A408, A495, A496.

## Departmental Honors Program

The anthropology honors program offers tutorial guidance to superior students who want to develop in-depth research interests. Students may enter the program in the second semester of their sophomore year or at any time during their junior year. Ordinarily, only students with outstanding academic records will be accepted, but applicants' strength of interest and commitment are also considered. Acceptance is made by the department chairperson or honors advisor, who will assign the student to a faculty tutor. Honors students must enroll in A399 Honors Tutorial in Anthropology, in which a thesis must be prepared from original research. A399 may be repeated once. A one-hour oral examination over the thesis will be administered during the senior year by a three-member committee, of which one member is to be selected from outside the Department of Anthropology. Eligible and interested students should consult with the departmental honors advisor.

## Field and Overseas Study

Anthropology is predominantly founded on field research, and students are encouraged to register for a field school. Many course requirements for the major or minor in

anthropology and other departments can be met through approved field schools, and field school elective hours are applicable to any College major. Anthropology credit for field school participation is guaranteed only for programs directed by IU anthropology faculty or with advance approval by the director of undergraduate studies. Opportunities for participating in fieldwork with IU faculty exist outside of formal field school courses. For more information about field schools and fieldwork, contact the Department of Anthropology, Student Building 130, (812) 855-1041; for study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Minor in the Anthropology of Food

The minor in the anthropology of food offers students the opportunity to explore the ways in which food relates to culture and society, economics, globalization, identity, health, and history. Anthropology faculty teach courses that specifically target food and food systems around the world using ethnographic, bioanthropological, archaeological, and linguistic methods and data. The department offers courses concerning the global trade in food products, famine, attitudes about eating and food preparation, ceremonial and symbolic aspects of food production and preparation, and perspectives on food and health in both modern and ancient human populations.

Students must complete a minimum of 15 credit hours in anthropology to include:

1. At least one course selected from B200, E200, L200 or P200.
2. A221 Anthropology of Food, or E421 Food and Culture.
3. At least two 300–400 level courses (6 credit hours) on food-related topics. Suitable courses include E425, E426, E485, P375, P380, P425, or P426. ANTH B400, E300, E302, E400, L400, or P399 can be counted if the focus of the course work is clearly on food.
4. At least one additional food-related course from within the College of Arts and Sciences, selected in consultation with the advisor. These may include ANTH E105 when the focus is on food, COLL E104 Chocolate: Food of the Gods, and COLL E104 People and Animals. Variable title courses A150, A200, A205, and A208 can be counted if the focus of the class is clearly on food. Courses in other departments that can be counted include HUBI B101.
5. Students may count up to 5 credit hours from A406, A408, A495, and A496 for projects or work related to the anthropology of food, with approval of the director of undergraduate studies or academic advisor.

## Minor in Archaeology

Students must complete a minimum of 15 credit hours in anthropology to include:

1. P200 Introduction to Archaeology
2. One course in archaeological methods: P301, P380, P385, P405, P406, P409, P425, P426 or other course selected in consultation with the advisor. P405 is recommended.
3. At least one 300–400 level course with "P" prefix in the archaeology of a particular geographic region.

Students may elect to take Classical Studies C412, C413, C414, or C419 as their regional-focus course.

4. At least one additional course with P prefix at the 300 level or above.
5. One additional course in anthropology on a topic related to archaeology, selected in consultation with the advisor. ANTH A105 or a College topics course taught by an archaeologist in Anthropology may count toward the minor.
6. With the approval of the director of undergraduate studies or the academic advisor, up to 5 credit hours from A406, A408, A495, and A496 for projects or work related to archaeology may count toward the minor.

## Course Descriptions

### General Anthropology

#### ANTH–A 105 Human Origins and Prehistory (3 cr.)

**S & H** Human biological evolution and prehistory from the earliest archaeological record through the rise of civilization. Credit given for only one of the following: A105, A103, or A303. A105 does not count toward major. I Sem., II Sem.

#### ANTH–E 105 Culture and Society (3 cr.) **S & H**

Introduction to the ethnographic and comparative study of contemporary and historical human society and culture. May be taken simultaneously with A105. Credit given for only one of the following: A104, E105, E303, or A304. E105 does not count toward major. I Sem, II Sem.

#### ANTH–A 150 Freshman Seminar in Anthropology:

**Topics (3 cr.) S & H** Introduction to the study of anthropology through the applicability of anthropological theory and method to specific social and cultural issues. May be repeated once with different topic.

#### ANTH–A 200 Topics in Anthropology (3 cr.)

**P:** Freshman or sophomore standing or consent of the instructor. **S & H** Course is geared to the nonmajor and emphasizes the development of skills in the use of anthropological approaches to study of human behavior and belief. Topics will vary. May be repeated once for credit with different topic.

#### ANTH–A 205 Anthropology Today: Selected Topics in Current Research (1–4 cr.)

Selected topics in anthropological methods, techniques, and area or thematic studies. Course content will draw on the fieldwork experiences and/or current research of the instructor(s). May be repeated with different topics for a maximum of 6 credit hours.

#### ANTH–A 208 Topics in the Anthropology of the Arts and Expressive Behavior (3 cr.) **A & H**

Introduction to selected topics in the anthropology of art, performance, music, literature, folklore, belief, and ritual. Examines the methods anthropologists use to study the arts or other expressive behaviors and explores art and expression in a variety of cultural settings. May be repeated with a different topic for a maximum of 6 credit hours.

#### ANTH–A 211 Anthropology Topics in the Natural and Mathematical Sciences (3 cr.) **N & M**

Selected topics in anthropology that explore human interaction with physical and biological environments, or apply scientific methodology to anthropological

questions. May emphasize human evolution and biology, nutrition, forensics, non-human primates, technology, archaeometry, and other scientific measurement, experimentation, and inquiry as it relates to anthropological study.

**ANTH–A 221 Anthropology of Food (3 cr.) S & H** In this course we will examine, across space and time, the significance and meaning of food, its production and consumption in human culture and society. Ideas and practices concerning food are deeply held markers of who we are and how we define ourselves.

**ANTH–A 303 Evolution and Prehistory (3 cr.) R:** Junior standing. Introductory course for more advanced students. **S & H** Human beings' place in nature, emergence of humans and contemporary races, development of culture from Paleolithic onward, problems arising from interaction of biological and cultural phenomena. Not open to students who have taken A105. A303 does not count toward major. SS.

**ANTH–A 306 Anthropological Statistics (3 cr.) N & M** Fundamentals of univariate and bivariate statistics, construction and interpretation of graphs, and computer-assisted data analysis. Both statistical methodology and theory will be emphasized as well as computer literacy. Students will examine the primary literature in all branches of anthropology to familiarize themselves with the role of statistics in anthropological research. Credit given for only one of A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC K371, STAT K310 or S300, or SPEA K300.

**ANTH–E 303 Introduction to Social and Cultural Anthropology (3 cr.) R:** Junior standing. Introductory course for more advanced students. **S & H** Approaches to the study of contemporary cultures: structure, process, and change. Topics include kinship, economy, politics, religion, and worldview. Not open to students who have had E105. Not sequential with A303. E303 does not count toward major.

**ANTH–A 399 Honors Tutorial (3 cr.) P:** Consent of departmental honors advisor. Research and writing, culminating in honors thesis. May be repeated once.

**ANTH–A 400 Undergraduate Seminar in Anthropology (3–4 cr.)** Seminar in various anthropology topics not covered by other anthropology courses, excluding ethnography and ethnology. May be repeated with a different topic for a maximum of 9 credit hours.

**ANTH–A 403 Introduction to Museum Studies (3 cr.)** Introduction to general principles, goals, and objectives of museum practice. Museum history, administrative organization, physical plant design, restoration, acquisition, exhibit, and educational programs.

**ANTH–A 405 Museum Methods (3 cr.) P:** A403 or consent of instructor. Methods and techniques of museum design, administration, accessioning, conservation and restoration, acquisition of specimens, curatorial work, exhibition, and education.

**ANTH–A 406 Fieldwork in Anthropology (1–8 cr.)** Fieldwork in anthropology carried out by the student in consultation with faculty members. May be repeated to a maximum of 8 credit hours.

**ANTH–A 408 Museum Practicum (1–4 cr.; 8 max. cr.)** P: A403, A405, or consent of instructor. Independent work of student's choice in one aspect of the field of museum work. Relevant readings required. May be repeated.

**ANTH–A 410 Anthropology Capstone Seminar (3 cr.)** P: Senior status or advanced anthropology students. **S & H** Selected topics in anthropology approached using concepts from all four subfields of the discipline. Asks students to examine the goals of anthropology and apply what they have learned in previous course work to current research and contemporary issues. May be repeated for a maximum of 6 credit hours.

**ANTH–A 420 Undergraduate Teaching Internship (1–3 cr.)** Open to junior or senior anthropology majors with consent of instructor. Students assist in preparation and implementation of undergraduate courses, especially those involving hands-on laboratory work. Students prepare materials, implement laboratory activities, and maintain educational collections. Students enrolled in A420 do not assist in grading. May be repeated for a maximum of 6 credit hours.

**ANTH–A 495 Individual Readings in Anthropology (1–4 cr.) P:** Consent of instructor. May be taken in successive semesters for credit.

**ANTH–A 496 Field Study in Anthropology (1–8 cr.) P:** Consent of chairperson. Supervised fieldwork of an anthropological nature arranged through an outside agency or institution, such as an internship, apprenticeship, or volunteer work at a governmental office, zoo, or archaeological site. One credit hour per full week of fieldwork. May be repeated for a maximum of 8 credits.

### Bioanthropology

**ANTH–B 200 Bioanthropology (3 cr.) N & M** Bioanthropology of humans, basic biological principles, morphology, function of evolutionary history. Human evolution from lower forms, environmental factors, speciation and differentiation into varieties, mixture, growth, sexual differences, and constitutional variability. I Sem., II Sem.

**ANTH–B 260 Biocultural Medical Anthropology (3 cr.) N & M** A survey of health and disease from a biocultural perspective, which incorporates the evolutionary, ecological, and sociocultural context of health and disease to answer such questions as why we get sick and why there is population variation in the risk of becoming sick. Topics include reproductive, infectious, and chronic diseases.

**ANTH–B 301 Laboratory in Bioanthropology (3 cr.)** P or C: B200 or consent of instructor. **N & M** Laboratory investigations of human skeletal biology, including age and sex determinations, bone pathologies, and forensic identification; human paleontological and primate observations; variability in living populations, including anthropometry, blood grouping, and dermatoglyphics. Emphasis on a biocultural perspective in applying methods and techniques of bioanthropology.

**ANTH–B 310 Bioanthropology: A History of Ideas (3 cr.) P:** B200, B301, or permission of instructor. **S & H** Emergence of modern bioanthropology as an academic discipline, emphasizing the careers of prominent scholars and theoretical contributions they made. Influences

of funding institutions and major departments on the directions of research. Relationships to other fields of study.

**ANTH-B 312 Evolutionary Medicine (3 cr.)** P: An introductory course in bioanthropology, medical science, psychology, or biology; or instructor consent. **N & M** Incorporates principles from evolutionary theory into our understanding of various infectious and chronic diseases common to human populations both past and present. Although proximate mechanisms involving physiology and behavior will be discussed, the focus will be to determine why such mechanisms have evolved in the first place.

**ANTH-B 340 Hormones and Human Behavior (3 cr.)** P: Junior or senior standing, and an introductory course in bioanthropology, medical science, psychology, or biology; or instructor consent. **N & M** Reviews the roles of hormones in the evolution and expression of human and nonhuman animal behaviors. Emphasis placed on behaviors associated with aggression, stress, mating, and parenting. Particularly relevant for students interested in evolutionary psychology and human health.

**ANTH-B 350 Issues in Human Origins: Creation and Evolution (3 cr.)** A review of the creation/ evolution controversy in a seminar setting. Fundamentals of organic evolution covered, especially pertaining to the origin of our species. Additionally, the major arguments as set forth by "scientific creationists" are presented, along with an appraisal of the "balanced treatment" notion that has been proposed for inclusion in public school curricula.

**ANTH-B 368 The Evolution of Primate Social Behavior (3 cr.)** **N & M** Major patterns of social organization in the order Primates, with focus on several important primate species. Examination of Darwinian theories of behavioral evolution. Particular attention paid to the influence of food-getting and diet on social behavior.

**ANTH-B 370 Human Variation (3 cr.)** P: Sophomore standing. **N & M** Variation within and between human populations in morphology, gene frequencies, and behavior. Biological concepts of race, race classification along with other taxonomic considerations, and evolutionary processes acting on humans in the past, present, and future.

**ANTH-B 400 Undergraduate Seminar (3 cr.)** Selected topics in bioanthropology. Analysis of research. Development of skills in analysis and criticism. Topic varies. May be taken for a total of 9 credit hours as long as the topic changes.

**ANTH-B 405 Fieldwork in Bioanthropology (arr. cr.)** P: Consent of instructor. Fieldwork involving the collection and analysis of biological or biosocial data on prehistoric and contemporary human populations. The materials or data may be paleontological, archaeological, physiological, or ecological in nature. 1 credit hour per full week of fieldwork. SS.

**ANTH-B 464 Human Paleontology (3 cr.)** P: B200-B301. Human fossils: their structure, classification, evolution, geologic range, and geographical distribution.

**ANTH-B 466 The Primates (3 cr.)** P: A105, B200-B301, or consent of instructor. **N & M** Paleontology, functional morphology, behavior, and natural history of

the infrahuman primates. Emphasis on behavioral and ecological correlates of morphology.

**ANTH-B 470 Human Adaptation: Biological Approaches (3 cr.)** **N & M** Examines the concept of adaptation within the framework of bioanthropology, anthropology, and other disciplines. Focuses on individual and population responses to heat, cold, solar radiation, high altitude, and nutritional and disease stress.

**ANTH-B 472 Bioanthropology of Aboriginal America (3 cr.)** P: B200. Bioanthropological survey of past and present aboriginal inhabitants of North and South America: origins and antiquity, archaeological and ethnic relationships.

**ANTH-B 480 Human Growth and Development (3 cr.)** P: B200-B301. Characteristics of normal growth and development from birth to maturity, establishment of constitutional qualities, and aging. Anthropology of individual considered from standpoint of causal factors, patterns of expression, and methods of assessment.

### Social and Cultural Anthropology

**ANTH-E 101 Ecology and Society (3 cr.)** **S & H** How do humans relate to the environment? Addresses this question from cross-cultural, historical, scientific, and ethical perspectives. Considers current problems; examines how technical, socioeconomic and political changes transform people's use of natural resources. Students evaluate how societies vary in perceptions of nature and explore implications for behavior, decision making, and environmental change.

**ANTH-E 102 Anthropology of America (3 cr.)** R: Freshmen only. Anthropological analysis of American society: marriage, descent, kinship organization, religion, social stratification, and economic basis of social structure.

**ANTH-E 110 Indians of Mexico: Ancient and Modern (3 cr.)** **S & H, CSA** Introduction to the cultures and societies of the pre-Columbian and contemporary Indians of Mexico. Considers their religion, arts, social and political organization, subsistence, and everyday life, including roles of women and men. The relationship of the Indian to the colony and the nation is also examined in terms of opposition and integration.

**ANTH-E 200 Social and Cultural Anthropology (3 cr.)** **S & H** Intermediate survey of theories and problems in social and cultural anthropology. Historical development, methods of inquiry, focal problems, and contemporary theoretical perspectives. I Sem., II Sem.

**ANTH-E 205 Peoples of the World (3 cr.)** **S & H** All peoples have to confront similar challenges in order to survive and thrive as individuals and as societies. This course will examine how eight or nine cultures around the world shape their values, behaviors, institutions, and stories in response to external and internal challenges.

**ANTH-E 206 Chanting Down Babylon: Protest and Popular Culture in the Afro-Caribbean (3 cr.)** **S & H, CSA** Explores Afro-Caribbean popular culture as a mechanism of political protest against colonialism and its legacies, the failures of local government, and first-world political and economic hegemony. Examines popular culture on the grass-roots level while incorporating mass-media content such as recorded music and film.

**ANTH-E 208 Global Jazz, Reggae, and Hip-Hop: African Diasporic Music Beyond the African Diaspora (3 cr.) A & H** With focus on jazz, reggae, and hip hop, this course links musical production and consumption in the African diaspora to issues of social identity. Among those aspects of social identity considered are race, nation, religion, class, and gender. The course investigates the spread of these musical genres around the world.

**ANTH-E 210 Rethinking Race Globally (3 cr.) S & H** Provides a synthetic approach to human diversity including such aspects as biology, linguistics, culture, and psychology. What do humans have in common? Why do we vary so much? Is physical appearance a good measure of difference?

**ANTH-E 212 The Anthropology of Youth and Adolescence (3 cr.) S & H** A broad introduction to the cross-cultural study of adolescence. Examines classic anthropological concerns such as age sets and age grades, generational groups, and rites of passage, as well as current research on youth language, global youth culture, and intergenerational politics.

**ANTH-E 230 American Ethnic Diversity (3 cr.) S & H** This course focuses on racial and ethnic groups within the United States, including Native Americans, African Americans, Asian Americans, Hispanics, Jewish Americans and the self-defined "white ethnics." Topics will include the nature of prejudice and stereotypes, the immigrant experience, ethnic strategies for success, education, the arts and competitive sports as a means of expression and social mobility.

**ANTH-E 240 Southwestern American Indian Ritual and Belief (3 cr.) S & H, CSA** This seminar will examine the beliefs and rituals of several of the Indian peoples of the Southwest, particularly the Apache, the Navajo, and the Pueblo peoples. After setting the historical and ethnographic context, we will look at beliefs and rituals focusing on origins, sacred places, healing, the natural environment, life passages as well as other topics. Credit given to anthropology majors and minors.

**ANTH-E 252 Anthropology through Visual Media: Global Ethnographic Perspectives (3 cr.) A & H** Introduction to the field of visual anthropology, the study of visual representation and media in different cultural contexts. Includes visual media around the world: photography, video, film, television, internet, and other artifacts of material culture such as art, architecture, and fashion.

**ANTH-E 260 Culture, Health, and Illness (3 cr.) S & H, CSA** Across the world, ideas about and experiences of health, "disease," and medicine are profoundly shaped by culture. Introduction to cross-cultural approaches to understanding health and illness, covering topics such as ethnomedicine, ritual healing, gender and health, and international development and global health.

**ANTH-E 275 Indigenous Worldviews (3 cr.) S & H, CSA** A survey of some basic concepts of indigenous lifeways, this course introduces comparative cultural analysis, providing a foundational course for those interested in thinking about how others think and how we think about otherness. Students will examine mythology,

ritual, health, art, and philosophy within the context of colonialism and globalization.

**ANTH-E 300 Culture Areas and Ethnic Groups (1-3 cr.)** An ethnographic survey of a selected culture area or ethnic group. May be repeated for a maximum of 6 credit hours.

**ANTH-E 302 Laboratory in Ethnography (3 cr.)** P: ANTH E105 or E200, or permission of the instructor. **S & H** Students learn the approaches and methods of ethnography by conducting their own hands-on field research projects in and around the community. Students complete a series of ethnographic lab assignments on participant observation, mapping and visual technologies, interviewing, and writing up research findings.

**ANTH-E 306 Hasidic Culture and Oral Tradition (3 cr.)** The contemporary Hasidic community is studied in terms of its history, beliefs and values, and unique social system. Factors affecting continuity and change, religious revitalization, and sect development will be considered. Special attention will be given to Hasidic tales, as well as plays, memoirs, and anthropological studies.

**ANTH-E 307 Shamanism and Spirit Possession (3 cr.) S & H** An overview of anthropological approaches to two important religious phenomena: shamanism and spirit possession. Topics include how individuals are called to these vocations, whether curing rituals "work," and the nature of shamanism in the modern world.

**ANTH-E 309 Problems in African Ethnography (3 cr.)** This advanced seminar focuses on the anthropological tradition of fieldwork in African societies. Readings combine ethnographic and theoretical approaches to the study of the continent. Topics range from the history of anthropological thought concerning the continent to a critical analysis of contemporary ethnographic work.

**ANTH-E 310 Introduction to the Cultures of Africa (3 cr.) R: ANTH E105 or E200 or E303 or AFRI L231 or L232. A & H, CSA** Explores the vitality and diversity of African cultures today in communities ranging from town neighborhoods to remote villages and from desert to rainforest. Demonstrates the tenacity and creativity of human societies facing severe political, social, and ecological pressures, but also contributes new questions and answers to global debates about family values, ethnicity, terrorism, hunger, and economic growth.

**ANTH-E 312 African Religions (3 cr.) A & H, CSA** An introduction to the variety of religious beliefs and practices in sub-Saharan Africa. Examines important themes that are common to indigenous religions and looks at the impact of Islam and Christianity. The focus is on how religion is interwoven with social, political, and economic aspects of life and is expressed in myth, ritual, and art.

**ANTH-E 314 Voices of Women (3 cr.) A & H** Ethnographic approaches to women's experience and influences on that experience, such as the sixteenth- and seventeenth-century witch hunts and popular fairy tales in print and film. Students may conduct interviews individually, write a contemporary fairy tale, and work in groups to research specific topics.

**ANTH-E 319 American Indian Religions (3 cr.) S & H, CSA** Introduces religions of the peoples indigenous to North America. Concerns include traditional and

contemporary native rituals, mythology, folklore, and symbolism occurring throughout these many cultures including topics such as art, architecture, cosmology, sustenance, modes, trade, history, gender, and taboos.

**ANTH-E 320 Indians of North America (3 cr.) S & H, CSA** Ethnographic survey of culture areas from the Arctic to Panama plus cross-cultural analysis of interrelations of culture, geographical environment, and language families.

**ANTH-E 321 Peoples of Mexico (3 cr.) S & H, CSA** Surveys modern Indian groups, peasant societies, problems of acculturation, and urbanization in contemporary Mexico.

**ANTH-E 322 Peoples of Brazil (3 cr.) S & H, CSA** Cultural traditions in Brazil: Indian, Iberian, and African; evolving regional subcultures. Current issues about Brazilian society.

**ANTH-E 323 Indians of Indiana (3 cr.) S & H, CSA** An introduction to the history and culture of the two principal Native American Nations of Indiana, the Miami and the Potawatomi. The course takes an ethnohistorical approach, investigating the past and present of these communities on the basis of anthropological research as well as historical documents.

**ANTH-E 324 Native American Art (3 cr.) A & H, CSA** This course is an introduction to the visual arts of Native Americans in the period since contact. Topics will include the artist (traditional and contemporary); the relationship of art, myth, and ritual; the effects of contact with other cultures on Indian arts; and shamanism and art. Class discussion will be illustrated with slides and movies. The class will visit and utilize the collections of Indian art at the Mathers Museum.

**ANTH-E 327 Native Amazonians and the Environment (3 cr.) S & H, CSA** Study of how native peoples in the Amazon Basin have used the environment from prehistoric times to the present. Examination of archaeological evidence, current pressures from development processes, and indigenous knowledge as the key to balancing conservation and development.

**ANTH-E 328 Ecological Anthropology (3 cr.) S & H** Survey of anthropological approaches to the study of human interaction with the environment: history of ideas, major theories, critiques, and contemporary approaches.

**ANTH-E 329 Indians in the United States in the Twentieth Century (3 cr.) S & H, CSA** Position of the Indian as an ethnic minority, including health, education, economy, and political consideration of proposals to change the Indians' status.

**ANTH-E 330 Indians of South America (3 cr.) S & H, CSA** The cultural development and contemporary life of aboriginal societies in the lowland and Andean areas of the continent. Ethnic relationships and characteristics of major cultural groups are examined through detailed study of representative tribal units.

**ANTH-E 332 Jewish Women: Anthropological Perspectives (3 cr.) S & H, CSA** This course will be devoted to the analysis of women's place in Jewish society and culture. The Jewish woman will be studied through the investigation of images and representations, of gender dimension in kinships and family structures,

and of religious roles. Special attention will be given to the evolution of traditional patterns in contemporary society and history.

**ANTH-E 333 Peoples of the Andes (3 cr.) S & H** Explores the cultures of prehistoric and current groups of the slopes and high reaches of the Andes, from Colombia to southern Chile. Considers historic and current contexts of socioeconomic, political, and environmental change that have shaped the cultures of their nations. The Quichua (Quechua), Aymara, and Mapuche cultures receive special attention.

**ANTH-E 335 Ancient Civilizations of Mesoamerica (3 cr.) S & H, CSA** Historical ethnography of the major pre-Columbian civilizations, especially the Aztec, the Maya, and the Zapotec and Mixtec. Emphasis on the social life, cultural achievements, religion, worldview, and political systems to illustrate the diversity and richness of Amerindian life before the Spanish conquest.

**ANTH-E 340 Indians of Mexico and Central America (3 cr.) R: E105, E200, E303, or sophomore standing. S & H, CSA** Ethnographic survey of Indian populations of Mexico and Central America, both past and present. Position of Indians within larger political contexts; options and strategies characterizing these relationships.

**ANTH-E 345 China through Anthropological Eyes (3 cr.) S & H, CSA** An introduction to the anthropology of modern China. Examines representations of China and how those portrayals have been influenced by East-West relations. Focuses on the twentieth and twenty-first centuries, particularly the socialist era and recent decades.

**ANTH-E 347 The Anthropology of Contemporary Japan (3 cr.) S & H, CSA** Frames in anthropological perspective the history, present, and future of Japanese society. Explores anthropological research on Japanese attitudes toward ethnic and national identity; gender and education; and the wide-ranging impact of Japan's economic decline on attitudes toward work, play, consumption, and travel overseas.

**ANTH-E 348 Peoples and Cultures of Russia, Ukraine, and Newly Independent States (3 cr.) S & H, CSA** An introduction to the peoples and cultures of Eurasia, especially the former Soviet Union. Uses case studies and ethnographies to learn about the histories of specific regions and groups, and to discuss religion and tradition, historical memory and cultural heritage, gender, childhood, and popular culture.

**ANTH-E 370 Peasant Society and Culture (3 cr.) P: Junior standing. S & H, CSA** Examination of the development of peasantries in world perspective. Historical formation, economic function, and sociopolitical role of peasantries in relation to their sociocultural contexts. General worldview, religious outlook, and political ideology of folk societies. Prospects for change in peasant societies.

**ANTH-E 371 Modern Jewish Culture and Society (3 cr.) S & H, CSA** Introduction to the methods and theories of social anthropology as applied to Judaism and Jewish identity. Review of the main social anthropological approaches to Jewish ritual and mythology, from evolutionist theory to structural analysis. Analytical reading

of ethnographic works on modern Jewish communities and ritual practices.

**ANTH-E 372 Racism, Anthropology of Prejudice (3 cr.)**

**S & H** Review of anthropological approaches to racism and prejudice as they are expressed in specific contexts such as the colonial system, multiracial and multiethnic societies, and anti-Semitic social systems.

**ANTH-E 380 Urban Anthropology (3 cr.)** P: E200.

Urban social organization in cross-cultural perspective. Theoretical perspectives on urbanism and urbanization. Problems include kinship and social networks, politico-economic factors, and cultural pluralism. Strategies of anthropological research in urban settings.

**ANTH-E 381 Ethnographic Analysis of Family,**

**Work, and Power (3 cr.)** P: E105 or E200 or consent of instructor. **S & H** This course teaches ethnographic analysis as a set of intellectual and practical tools students can use to define and answer questions about the implications of economic and social changes in their own lives and the world at large. Students will learn to identify and debate the patterns of loyalty, authority, and conflict established by specific relations in families and workplaces whether these are described in readings or presented in actual situations.

**ANTH-E 382 Memory and Culture (3 cr.)** **S & H**

Remembrance is analyzed as a cultural and social reality. Review of the theoretical literature on collective memory as it unfolds in written, narrative, visual, and audiovisual art; in architecture and monuments; in private and public ritual; in genealogy; and in the social experience of the body.

**ANTH-E 385 Applied Anthropology (3 cr.)** **S & H**

Survey of the applications of anthropological theory and method to meet societal needs in the areas of education, health, industry, food production, and rural development.

**ANTH-E 387 The Ethnography of Europe (3 cr.)** **S & H,**

**CSB** Europe is viewed as an idea, an identity, and an historical consciousness. Students explore the meaning of this idea in the contemporary development of social and cultural anthropology, and in such social areas as regionalism and nationalism, ethnic identity, gender and kinship, religion, the city versus the village, and political life.

**ANTH-E 392 Ethnography of the United States (3 cr.)**

**S & H** "American culture" is familiar the world over as values, styles, and material goods. Yet American diversity (ethnic, regional, individual) makes "American culture" an elusive subject within the United States. Thus, the United States has long been the focus of ethnographic experimentation and innovation. Seminar explores recent themes, debates, and opportunities for ethnographic discovery in the United States.

**ANTH-E 393 World Fiction and Cultural Anthropology (3 cr.)**

Uses literature and anthropology as a means of understanding culture. Ethnographic writing and world fiction—novels, short stories, poems, myths, folktales—are analyzed to reveal aspects of the social, cultural, and political lives of peoples around the world. Colonialism, war, socialism, and immigration are also discussed.

**ANTH-E 394 Stories and Stereotypes: Discourses of Difference (3 cr.)** **S & H**

Uses texts, movies, and stories

to investigate ideas about differences and sameness, self and other. Viewing personal experience and local knowledge ethnographically, the class examines how stereotypes, conspiracies, or understanding of others develop and are then encapsulated in the discourse of everyday life.

**ANTH-E 397 Peoples and Cultures of the Middle East (3 cr.)** **S & H, CSA**

General anthropological introduction to social institutions and cultural forms of the Arab countries of North Africa and the Near East, Israel, Turkey, Iran, Afghanistan. Topics include ecology, development of Islam and Muslim empires, traditional adaptive strategies, consequences of colonialism, independence and rise of nation-states, impact of modernization, changing conceptions of kinship, ethnicity, and gender. Credit given for only one of E397, CEUS R352, CEUS U397, or NELC N397.

**ANTH-E 398 Peoples and Cultures of Central Asia (3 cr.)** **S & H, CSA**

General anthropological introduction to societies and cultures of contemporary Muslim successor states of former Soviet Central Asia, Western China (Xinjiang), and Iran and Afghanistan. Topics include ecology, ethnohistory, traditional subsistence strategies, family, kinship, gender, sociopolitical organization, impact of colonial rule of tsarist and Soviet Russia and China, development of modern nation-states in Iran and Afghanistan, and dynamics of current conflicts and future prospects. Credit given for only one of E398, CEUS R316, or CEUS U398.

**ANTH-E 400 Undergraduate Seminar (3 cr.)**

Intensive examination of selected topics in anthropology. Emphasis on analytic investigation and critical discussion. Topics vary. May be taken with a different topic for a maximum of 9 credit hours.

**ANTH-E 404 Field Methods in Ethnography (3 cr.)**

P: Junior standing. Introduction to the methods and techniques anthropologists use in ethnographic research. Preparation of a research proposal, interviewing, and the use of the life histories and case studies.

**ANTH-E 405 Principles of Social Organization (3 cr.)**

P: E200. Comparative analysis of the social organization of selected societies from the perspectives of major theoretical positions in social and cultural anthropology.

**ANTH-E 407 Visual Anthropology: Filmmaking (3 cr.)**

P: Junior standing or permission of instructor. Experimental filmmaking concerning social behavior, institutions, and customs.

**ANTH-E 408 Talk, Tales, and Television: Africa, Europe, the United States (3 cr.)** **A & H**

Colonialism, the slave trade, apartheid, African music, *Roots*, Hollywood. These subjects link Americans, Europeans, and Africans together, and they are portrayed through talk, television, film, radio, and performance at specific sites. Using specific examples, we will examine these tools of communication critically to better understand the ideas and images that circulate back and forth across the Atlantic.

**ANTH-E 412 Anthropology of Russia and Eastern Europe (3 cr.)** **S & H, CSA**

Explores the contradictory effects of socialism's "fall" through a study of new ethnographies of postsocialist societies. Regional inquiries



will be related to broader intellectual issues such as globalization, social suffering, commodification and cultural identity, ethnicity and nation building, armed conflict, and gender inequalities.

**ANTH-E 416 Anthropology of Tourism (3 cr.)**

**S & H** Explores the phenomenon of tourism from an anthropological perspective. Looks at tourism as linked to consumer culture, transnational movements of people and goods, post-colonial settings, global capitalism, and the politics of ethnic and national identities.

**ANTH-E 417 African Women (3 cr.) S & H, CSA**

The remarkably active roles that African women play in their communities bring them respect, but also heavy responsibilities. This course follows the themes of autonomy and control of resources, considering both economic resources such as land, labor, income and cattle, and social resources such as education, religion, and political power.

**ANTH-E 418 Globalization and Consumer Culture**

**(3 cr.) S & H, CSA** Examines processes of globalization and economic and cultural integration, including the origin and spread of mass-consumer society. Topics include the theories of consumption, mass media and advertising, and the relationship between modernity and consumerism. Examples from Africa, Latin America, Asia, and the United States are included.

**ANTH-E 420 Economic Anthropology (3 cr.)**

Introductory course in social/cultural anthropology. **S & H** Selected topics in economic anthropology. Focus includes contemporary and classic debates; gendered forms of (re)production, such as division of labor and knowledge; ecology; nutrition and food politics; and money, markets, consumption, and value in transnational and global contexts. May be repeated with a different topic for a maximum of 6 credit hours.

**ANTH-E 421 Food and Culture (3 cr.) S & H**

Discussion of the economy of food production, trade and consumption on a global basis. Gives a cross-cultural and historical perspective on the development of cooking and cuisine in relationship to individual, national, and ethnic identity. Relates cuisine to modernity, migration, and forms of cultural mixing and Creolization.

**ANTH-E 423 Life Histories (3 cr.) S & H**

Life histories give ethnographies accessibility, emotional impact, deep contextualization, and a deceptively transparent opening for authentic voices. An exploration of the complex issues of power and knowledge underlying this method, including interviewing strategies, consent, confidentiality, editing and publishing choices, and considers its position within broader research agendas. We discuss classic examples, recent narrative collections and contemporary experimental texts.

**ANTH-E 425 Ethnozoology: Studies in American**

**Indian Subsistence (3 cr.)** Survey of faunal and floral use by late prehistoric and early historic American Indian groups. Entails library research, and writing and presentation of papers.

**ANTH-E 426 Coffee Culture, Production, and Markets**

**(3 cr.)** Considers diverse expressions of "coffee culture" in production, markets, and consumption patterns. Explores the history of coffee production and trade, coffee's

impact on international relations, and its implications for environmental changes, social justice, and economic development. Also studies local meanings of coffee and its consumption.

**ANTH-E 427 Human Adaptation: Cultural Approaches**

**(3 cr.) S & H** Reviews cultural and behavioral responses to environmental stresses such as extreme cold in the Arctic, hypoxia at high altitude, low productivity due to water scarcity in arid lands, and environmental patchiness in the humid tropics.

**ANTH-E 428 Contemporary Latin American Social**

**Movements (3 cr.) S & H, CSA** Compares and contrasts contemporary activist and grassroots movements throughout the Latin American region. Focuses on movements both within the region and within the Latin American diaspora in the United States, organized around the rubrics of ethnicity, gender, resources, and environment.

**ANTH-E 430 Kinship Organization (3 cr.) P:**

E200 or graduate standing. **S & H** A review of the history and theory of kinship analysis in the British and American traditions.

**ANTH-E 436 The Politics of Marriage (3 cr.) S & H**

What is the state of marriage today? How do we understand marriage as a social, political, and economic institution? Examines marriage across cultures and time periods. Discusses topics such as arranged marriages, marriage and racial politics, marital citizenship, wedding industries, and battles over same-sex marriage.

**ANTH-E 440 Political Anthropology (3 cr.) P:**

E105, E200, or E303. Cultural dimensions of politics and political organizations. Emphasis on national and transnational structures, nationalism and ethnonationalist movements, and local-level politics from ethnographic and comparative perspectives.

**ANTH-E 444 People and Protected Areas: Theories of Conservation (3 cr.) S & H**

Seminar course that explores major theories and approaches to conservation, from "fortress conservation" to community-based and participatory strategies. Considers the implications of protected areas for local human populations and cultural diversity. Evaluates outcomes and unintended consequences of protected areas, and controversies over the "best" way to protect natural resources.

**ANTH-E 445 Seminar in Medical Anthropology (3 cr.)**

**S & H** This advanced seminar in medical anthropology focuses on theoretical approaches to understanding the body and notions of health, illness, and disease across cultures. Concentrates on interpretive and critical (political economy) approaches to issues of health and includes critical study of Western biomedicine.

**ANTH-E 451 Myth and Legend: Cultural Meanings and Interpretations (3 cr.) P:**

Junior standing or consent of instructor. Anthropological approaches to the study of myth and legend. Emphasis on analysis of tales in their social context.

**ANTH-E 455 Anthropology of Religion (3 cr.) S & H**

Critical evaluation of current approaches to the analysis of religious myth, ritual, and symbolism. Problems in

understanding religious beliefs of other cultures. Modern development of the anthropology of religion.

**ANTH-E 456 Anthropology of Race (3 cr.)** Explores race from a cultural anthropological perspective and investigates the history of this idea within the discipline as well as its dissemination in international society. Examines the play between challenges to race as an intellectual paradigm and the resilient status of race-thinking in society at large.

**ANTH-E 457 Ethnic Identity (3 cr.)** P: E105, E200, E303, or consent of instructor. **S & H** Nature of ethnic groups and identity viewed in cross-cultural perspective; effects of colonialism and nationalism on ethnic groups; use of identity as an adaptive strategy; stereotypes and stereotyping; symbols and styles of ethnic identity; and retention and elaboration of local styles.

**ANTH-E 460 The Arts in Anthropology (3 cr.)** **A & H** Visual art, music, dance, drama, and oral literature, viewed as structural entities, as aspects of human behavior, and in terms of their anthropological context. May be repeated with different topics for a maximum of 9 credit hours.

**ANTH-E 462 Anthropological Folklore (3 cr.)** P: Junior standing. Function, forms, and interpretations of folklore in traditional societies. Folklore as an expression of continuity and change.

**ANTH-E 463 Anthropology of Dance (3 cr.)** **A & H** Techniques of dance research, bibliographic and archival sources, historical and comparative studies, function and structure of dance, distribution of dance styles, and symbolic aspects of dance performance. A variety of dance forms will be considered in their social and cultural contexts.

**ANTH-E 464 Body, Power, and Performance (3 cr.)** **A & H** Looks at performance in relation to social power by focusing on the body. Examines the extent to which several interdisciplinary readings on performance theory—largely emerging as they have from Western intellectual traditions—speak to embodied/performative negotiations of social power outside “the West.”

**ANTH-E 474 The Anthropology of Human Rights (3 cr.)** Investigates anthropology's theoretical and practical engagements with global social justice. Examines a number of texts central to the development of the notion of human rights, and explores several case studies oriented around a range of historical and contemporary human rights issues.

**ANTH-E 475 Law and Culture (3 cr.)** **CSA** This seminar is an introduction to classic anthropological writing on cultural concepts of law, conflict, and social ordering, concentrating on ethnographic approaches since the 1960s. Focus is cross-cultural, following the emphasis of the works themselves on Africa, native North America, and the contemporary United States. Discussions emphasize the historical context of individual works and critical rereadings from the vantage points offered by contemporary anthropological theory.

**ANTH-E 480 Theory of Culture Change (3 cr.)** P: E105, E200, or E303, and junior standing. Survey and evaluation of anthropological approaches to theoretical problems of culture change in general. Discussion of processes,

patterns, causes, and rates of culture change. Case studies.

**ANTH-E 485 Art and Craft of Ethnography (3 cr.)** **S & H** Ethnography is the defining core of social and cultural anthropology; field research is at the heart of ethnography. The definition and purpose of ethnography, the role of ethnographer, voice, ethics, modes of presentation, standards, craft, art, and evaluation are examined through specific cases and exemplary ethnographies.

**ANTH-E 490 Development and Anthropology (3 cr.)** P: E420, ECON E103, or consent of instructor. The theory of development; the way anthropology has been employed in development schemes in Melanesia, Southeast Asia, India, Africa, and elsewhere; the practical problem of relating to development bodies such as the Agency for International Development (USAID) and Third World governments; the ethical problem of such relationships.

### Anthropological Linguistics

**ANTH-L 200 Language and Culture (3 cr.)** **S & H** An introduction to the study of language and its relations to the rest of culture. II Sem.

**ANTH-L 310 Elementary Lakota (Sioux) Language I (4 cr.)** Introduction to Lakota (Sioux), an American Indian language spoken on the Northern Plains of the United States. Course focuses on developing elementary reading and writing skills as well as oral fluency in the Lakota language within the context of Lakota culture.

**ANTH-L 311 Elementary Lakota (Sioux) Language II (4 cr.)** Introduction to Lakota (Sioux), an American Indian language spoken on the Northern Plains of the United States. Course focuses on developing elementary reading and writing skills as well as oral fluency in the Lakota language within the context of Lakota culture.

**ANTH-L 312 Intermediate Lakota (Sioux) Language I (4 cr.)** Study of more complex Lakota grammatical structures, with emphasis on development of active reading, writing, and speaking skills.

**ANTH-L 313 Intermediate Lakota (Sioux) Language II (4 cr.)** Study of more complex Lakota grammatical structures, with emphasis on development of active reading, writing, and speaking skills.

**ANTH-L 318 Navajo Language and Culture (3 cr.)** **CSA** An introduction to the Navajo language and an exploration of it as an integral dimension of Navajo culture. Topics, including Navajo history, kinship, ritual life, beliefs, and literature, will be grounded in the appropriate dimensions of Navajo grammar. In addition, the course provides a case study to review the major issues in the field of language and culture.

**ANTH-L 320 American Indian Languages (3 cr.)** **S & H** An introductory survey of the native languages of the Americas. Topics to be covered include history of the study of American Indian languages, genetic and typological classifications, structures of selected languages, the comparative (historical) study of selected language families, and the interplay between language and culture. The diversity of New World languages will be emphasized.

**ANTH-L 330 Mesoamerican Languages: Structure, History, Social Context (3 cr.)** **S & H** Introductory survey

of the indigenous languages of Mesoamerica. Covers the genetic and typological classification of these languages and the social and historical contexts in which they have been and continue to be spoken. Students will have hands-on opportunities to work with native speakers of these languages.

**ANTH–L 400 Topical Seminar in the Ethnography of Communication (3 cr.)** Current issues in linguistic anthropology, designed to acquaint the student with readings and points of view not covered in the introductory courses. Topics such as languages of the world, variation in language, problems in linguistic structure, and culture and communication. Topic varies. May be taken for a total of 9 credit hours as long as the topic changes.

**ANTH–L 407 Language and Prehistory (3 cr.) S & H** Introduction to the areas of linguistic research that are most relevant to the work of archaeologists and students of prehistory. Topics include mechanisms of linguistic change, the comparative method, genetic and areal relationships among languages, and applications of linguistic reconstruction to the study of ancient cultures and populations.

### Archaeology

**ANTH–P 200 Introduction to Archaeology (3 cr.) S & H** Introduction to the goals, methods, and theories that archaeologists use to learn about the past. The pursuit and interpretation of archaeological evidence are explored by reviewing case studies from across the globe and diverse time periods. Topics include food and subsistence, culture change, social life, political economies, and archaeological ethics. I Sem., II Sem.

**ANTH–P 210 Life in the Stone Age (3 cr.) S & H** Examination of the major developments in the Stone Age, emphasizing technological innovations, changes in subsistence patterns, and geographic and ecological expansions of human populations. The course will consist of two weekly lectures and a laboratory practicum where students will learn to make and use stone tools.

**ANTH–P 215 The Archaeology of Sex (3 cr.) S & H** Sex is an important part of human experience. This course investigates different aspects of sex and sexuality through time and space examining archaeological evidence for sexual practices and beliefs in the past. Through this review, we interrogate how the material world reflects ideologies and the relation between biology and culture.

**ANTH–P 220 The Rise and Fall of Ancient Civilizations (3 cr.) S & H** Archaeology of the earliest high civilizations of the Old and New Worlds (Mesopotamia, Egypt, the Indus Valley, China, Mesoamerica, and Peru). Both an introductory survey of prehistoric civilizations and an exploration of the nature and development of civilization and the state.

**ANTH–P 230 Archaeology of the Ancient Maya (3 cr.) S & H, CSA** This is a course about the ancient Maya. Lecture and discussion will cover what is known about the Maya past and how the past relates to the present day. Writing, architecture, mythology, mathematics, agriculture, political structure, and economy will be considered.

**ANTH–P 240 Archaeology and the Movies (3 cr.) S & H** Examines how archaeologists and archaeological knowledge are represented in popular cinema and

compares these views with the work that archaeologists actually do. Topics include the history of archaeology, archaeological ethics, and archaeological interpretation. Feature films studied cover archaeological practice, the archaeology of early humans, Rome, and ancient Egypt, and related topics.

**ANTH–P 250 Introductory World Archaeology (3 cr.) S & H** Introduction to archaeological discovery in the Americas, Asia, Europe, Africa, and the Near East. Reviews the last 10,000 years of human culture and history, looking for what varies and what does not. For non-majors and students who have an interest in archaeology and a desire to learn about ancient cultures.

**ANTH–P 301 Archaeological Methods and Analyses (3 cr.) P:** P200 or consent of instructor. Laboratory analysis of archaeological materials (classification, description, quantification) within a framework of answering specific questions about past human behavior and activities: chronology, subsistence, seasonality, tool functions. Credit not given for both P400 and P301.

**ANTH–P 302 Invention and Technology (3 cr.)** The evolution of technology is explored from prehistoric times onward. The origins of the major inventions of humankind are traced from their earliest beginnings in the Stone Age up to the Industrial Revolution. Credit not given for both E410 and P302.

**ANTH–P 310 Prehistory of Europe and Asia (3 cr.) S & H** Prehistoric cultures of Europe and Asia, from Old Stone Age through Iron Age.

**ANTH–P 314 Earlier Prehistory of Africa (3 cr.) S & H** A survey of prehistoric developments on the African continent from 2.5 million years ago to the end of the Stone Age, including topics such as the archaeology of human origins, the emergence of fully human ways of life, and the economic and cultural patterns of prehistoric hunter-gatherers.

**ANTH–P 315 Later Prehistory of Africa (3 cr.) S & H** A survey of prehistoric developments on the African continent from about 20,000 years ago to the appearance of written history.

**ANTH–P 330 Historical Archaeology (3 cr.) S & H** We will examine the ways in which historical archaeologists investigate Colonial and American cultures and lifeways in various regions of North America throughout time. Special attention will be given to understanding the long and complex history of Native American/European interactions, North American social systems, interaction with and exploitation of the environment, technologies, and material culture. The theory and methods used by historical archaeologists will also be emphasized.

**ANTH–P 341 Archaeology of the Middle East (3 cr.) S & H, CSA** A study of the prehistoric cultures of the Middle East. Examines evidence for daily life, the rise of complex society, early writing, and agriculture, and explores the impact archaeology in this region has on the contemporary world.

**ANTH–P 345 Indigenous Archaeology (3 cr.) S & H** A global approach to how indigenous people employ archaeology to protect sacred sites and places and to build and manage knowledge about their pasts. Explores

indigenous worldviews and how archaeologists and indigenous communities work together in archaeology.

**ANTH-P 350 Archaeology of Ancient Mexico (3 cr.)**

**S & H, CSA** Surveys the archaeology of ancient Mexico. Traces cultural developments of indigenous peoples from the Olmec to the Aztec, and examines issues, controversies, and current debates in Mexican archaeology. Topics include the transition to settled villages, initial complexity, craft production, urbanization, ideology, gender, religion, warfare, and the conquest.

**ANTH-P 360 North American Archaeology (3 cr.)**

**S & H** An exploration of the archaeology of North America by addressing current issues and debates, including the peopling of the New World, hunter-gatherer research, origins of agriculture, socio-political complexity and inequality, trade and exchange, post-colonial culture contact, and archaeological ethics. Archaeological evidence from several regions and culture areas is emphasized.

**ANTH-P 361 Prehistory of the Midwestern United States (3 cr.)**

**S & H** A survey of prehistoric cultural developments in the midwestern United States from the earliest human occupations until initial European contact, set primarily within a framework of changing ecological adaptations.

**ANTH-P 362 Prehistory of the Southeastern United States (3 cr.)**

A survey of substantive and conceptual contributions of archaeology to the prehistory and protohistory of the Southeast. Course covers periods from the earliest first Americans to Euro-American colonization: circa 10,000 B.C. to A.D. 1600.

**ANTH-P 363 North American Prehistory through Fiction (3 cr.)**

**S & H** Students consider fictionalized accounts of life in prehistoric North America, written by anthropologists, Native Americans, and novelists, as a means to think critically and creatively about the past. They explore the role and place of narrative and imagination in constructions of the past and consider how authors utilize available data.

**ANTH-P 365 Archaeology of Western North America (3 cr.)**

**S & H** An exploration of the archaeology of western North America by addressing current topics, including Paleoindian research, hunter-gatherer continuums, farming communities, emergent complexity, interregional exchange, postcolonial culture contact, and archaeological ethics. Emphasis is placed on archaeological evidence west of the Mississippi River. Theoretical foundations and methodological advances will also be considered.

**ANTH-P 370 Ancient Civilizations of the Andes (3 cr.)**

**CSA** Prehistoric cultural development in Andean South America: early hunters and gatherers, the beginning of agriculture, the growth of regional civilizations, and the rise and fall of the Inca Empire.

**ANTH-P 371 Prehistory of Lowland South America (3 cr.)**

**CSA** A survey of the ecological background of prehistoric lowland South American cultures, their cultural content, their chronology, and the significance of major sites to the development of cultures in South America.

**ANTH-P 375 Food in the Ancient World (3 cr.)**

**S & H** Examines the theoretical and methodological tools that archaeologists use to study food and foodways in ancient

societies from a global anthropological perspective. Reveals how studying food and ancient foodways helps anthropologists gain insight into the economic, historic, and political realities of past peoples.

**ANTH-P 380 Prehistoric Diet and Nutrition (3 cr.)**

**N & M** How the long-term history of human diet has influenced our genetic, physiological, cultural, and socioeconomic development. Evolutionary and ecological perspectives on modern human diet and nutrition, including survey of modern human and nonhuman primate diets and the record of prehistoric human diet and methods of dietary reconstruction.

**ANTH-P 385 Paleolithic Technology Laboratory (3 cr.)**

P: P200, P250, or consent of instructor. **N & M** Surveys the development and history of stone tool manufacture and use. Topics include raw material study, fracture mechanics, experimentation in lithic production, and reasons for innovation. Includes practice in identification, analysis, classification, measurement, and illustration of Paleolithic artifacts.

**ANTH-P 390 Geoarchaeology and Taphonomy (3 cr.)**

An exploration of the dynamic process of archaeological site formation. Focus on geoarchaeological and taphonomic studies of archaeological materials, site context, and environment, and how these approaches help us understand prehistoric lifeways.

**ANTH-P 399 Undergraduate Seminar (3 cr.)**

P: P200 or consent of instructor. Intensive examination of selected topics in archaeology. Development of skills in analysis and criticism. Topic varies. May be taken with a different topic for a maximum of 9 credit hours.

**ANTH-P 401 Cultural Resource Management (3 cr.)**

P: Junior standing. The anthropologist in the decision-making process for preservation and conservation of prehistoric and historic sites, structures, artifacts, etc. Legal procedures and anthropological values applicable to land use changes that threaten cultural resources.

**ANTH-P 405 Fieldwork in Archaeology (1-8 cr.)**

Archaeological work directed toward field techniques: excavation and preservation of materials, surveying, photography, and cataloging. 1 credit hour per full week of fieldwork. SS.

**ANTH-P 406 Laboratory Methods in Archaeology (1-6 cr.)**

P: P405 or consent of instructor. Specialized training in laboratory procedures and analysis of archaeological materials. Major categories of material culture to be studied include lithics, ceramics, and faunal and floral remains. Emphasis is on processing, sorting, identifying, and analyzing material recovered from the previous Fieldwork in Archaeology (P405).

**ANTH-P 409 Archaeological Ethics (3 cr.)**

This seminar explores the professional responsibilities of archaeologists by examining timely issues, such as the differences and, sometimes, conflicts between international law and professional ethics, and between archaeologists and others (e.g., Native Americans, antiquities collectors) who affect and are affected by archaeological work. Some background in archaeology is helpful.

**ANTH-P 425 Faunal Osteology (5 cr.)**

**N & M** Lecture and laboratory introduction to the preparation, collection, identification, and interpretation of faunal specimens from

archaeological sites. Also includes an introduction to forensic identifications and to zooarchaeological literature.

#### **ANTH-P 426 Problems in Zooarchaeology (3 cr.)**

Students learn how to choose appropriate research designs for the interpretation of animal remains from archaeological sites, through readings, discussions, and laboratory analyses. Course work will focus on literature review, field identification, lab methodology, quantification, preparing collections, curation, and report preparation.

#### **ANTH-P 430 Archaeology of Violence and Conflict (3 cr.) S & H**

In this course we will examine how we identify violence and warfare in the past. Second, we will explore how violence has affected societies around the world and through time. We review multidisciplinary literature on violence and ask how and why violent acts and institutions of violence develop and persist.

#### **ANTH-P 440 Archaeology of Space and Place (3 cr.)**

**S & H** Reviews broad interdisciplinary literature to evaluate how human experience has been informed and affected by spatial sensibilities. Takes a diachronic and global look at how space impacts politics, society, religion, memory, and identity, with an emphasis on developing critical thinking skills.

## Apparel Merchandising and Interior Design

### Introduction

The Department of Apparel Merchandising and Interior Design (AMID) consists of programs that examine consumer-oriented and aesthetic components of the near environment. The two B.S. degrees—in Apparel Merchandising and in Interior Design—integrate knowledge from the arts and the physical, social, and business sciences with behavioral and technical studies in textiles, apparel, furniture, and interior design. In the apparel merchandising program, students are exposed to every aspect of the retail cycle, allowing them to develop their creative and analytical skills into a progressive retail perspective. The interior design program is a CIDA (Council for Interior Design Accreditation) accredited program that addresses the multidisciplinary design process used in the creation of interior space. The Fashion Design Certificate explores the fashion arts in a studio environment.

The Department of Apparel Merchandising and Interior Design is home to The Elizabeth Sage Historic Costume Collection, which consists of more than 24,000 objects of women's, men's, and children's clothing, dating from the late eighteenth century to the present day. The Sage Collection is used in the study of the history and preservation of costume and textiles.

### Contact Information

Apparel Merchandising and Interior Design  
Indiana University  
#233, Memorial Hall East  
Bloomington, IN 47405

(812) 855-5223

[amid@indiana.edu](mailto:amid@indiana.edu)

<http://design.iub.edu/>

### Faculty

#### Interim Chairperson

- Kathleen Rowold

#### Professor

- Kathleen Rowold

#### Associate Professor

- C. Thomas Mitchell

#### Assistant Professors

- Heather Akou
- Kennon Smith

#### Senior Lecturers

- Rick Bomberger
- Marleen Newman
- Eloise Paul
- Janis Shaffer

#### Lecturers

- Deborah Christiansen
- Mary Embry
- Barb Young

#### The Sage Collection Curator

- Kathleen Rowold, (812) 855-0338

#### The Sage Collection Assistant Curator

- Kelly Richardson, (812) 855-4627

#### Director of Undergraduate Studies

- Rick Bomberger

#### Academic Advising

- Sheila Maben (Apparel Merchandising), Memorial Hall East 228, (812) 855-7737
- MaryLou Kennedy Hosek (Interior Design), Sycamore Hall 205, (812) 856-4549

## Certificate in Fashion Design

### Purpose

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing the requirements for a major. The Fashion Design Certificate serves students seeking to explore the studio arts of fashion. Students completing the certificate will be prepared for a variety of careers in the fashion industry (such as fashion design, technical design, and costume design as well as graduate work in, for example, museum studies, costume design, and collection management).

### Requirements

Students pursuing the Fashion Design Certificate must complete 27 credit hours, including F202, F203, F207, F213, F217, F303, F305, F417, either F311 or F340, and one course from the following: F306, F325, F328, and

F408. Any course taken to satisfy the requirements of the certificate must be completed with a minimum grade of C–, and the grade point average of all courses taken in the certificate must be at least 2.000.

**Note:** The Fashion Design Certificate course work begins in the fall of each academic year. Contact the academic advisor 6–12 months in advance to discuss admission. Only two courses for a maximum of 6 credit hours can be simultaneously counted toward both the Apparel Merchandising B.S. and the Fashion Design Certificate.

## Interior Design—B.S.

### Purpose

This curriculum emphasizes the relationships between the aesthetic, behavioral, and technological concerns in the creation of responsive interior environments. Career opportunities are available in commercial and residential interior design firms, architectural firms, facilities management, retail furniture establishments, government and community agencies, and private design studios. Majors in this program can also prepare for advanced degrees in related areas of design, such as architecture, facilities management, or environmental design.

### Requirements

Any course taken to satisfy the requirements of the major must be completed with a minimum grade of C–, and the grade point average of all courses taken in the major must be at least 2.000. Students may not enroll in any corequisite lab/lecture course in interior design until they are eligible to enroll in the respective corequisite studio course. Course prerequisites and corequisites will be strictly upheld.

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A.
2. Mathematics, one course from the following: M118, M119, or equivalent. Higher level courses may be substituted.
3. Foreign language, two years, or one year of foreign language and two culture studies courses.
4. Arts and humanities, 12 credit hours.
5. Social and historical studies, 12 credit hours.
6. Natural and mathematical sciences, 8 credit hours.
7. One Topics course

Students must complete the following requirements for the major:

- Interior design majors must complete a total of 42 AMID credit hours, including D168, D263, D264, D268, D271, D272, D277, D335, D336, D365, D373, D374, D469, D475, and D476; plus selected courses outside AMID, including Fine Arts A102, F100, and F102.

Supervised internships are available.

### Transferred Credit

All interior design courses transferred from another institution or campus must be reviewed and accepted by an appropriate faculty member in the Department of Apparel Merchandising and Interior Design before they may be applied toward a major in interior design.

For a review of transferred lecture credit, the student must provide the course title, course description, textbook title, and syllabus.

For a review of transferred studio credit, the student must provide the course title, course description, textbook title, syllabus, problem statements, and a portfolio of representative work for each course for which transfer credit is desired. The portfolio should include both preliminary and finished work and be as complete as possible. Slides or photographs of three-dimensional objects are acceptable.

## Business Minor for Apparel Merchandising Majors

Students pursuing a B.S. in Apparel Merchandising must obtain a Minor in Business by successfully completing the following courses:

1. BUS-K 201 or CSCI-A110
2. BUS-A 200 and M300
3. BUS-L 201 or Z302
4. BUS-M 311 and M312
5. BUS-X 420 or ASCS-Q 299

Apparel merchandising majors may exceed the normal maximum of 22 credit hours outside the College of Arts and Sciences, up to a limit of 28 credit hours, provided those credit hours are chosen from the following courses: Business A200, K201, L201, M300, M311, M312, X420, Z302, or other business courses recommended by the student's academic advisor.

## Minor in Apparel Merchandising

To complete a minor in apparel merchandising, students must take 15 credit hours in AMID, including R100, F203 or R204, and R315; and select two courses from AMID 300–400 level courses from F301, F311, F340, F352, F406, F411, R308, R309, R316, R327, R404, R409, R410, R412, R413, and R450. Courses completed for the Apparel Merchandising Minor may not be applied to the Fashion Design Certificate.

## Apparel Merchandising—B.S.

The apparel merchandising program offers students a comprehensive examination of merchandising as it relates to the retailing industry of tomorrow. Course work includes product basics as well as current industry trends, coupled with a special minor from the Kelley School of Business. Students are encouraged to select a series of related topics from within the AMID courses in order to construct an apparel concentration in either merchandising or fashion design.

Students in apparel merchandising can prepare for a variety of careers in retail buying, retail management, product development, consumer services, visual merchandising, fashion design, fashion promotion, retail account coordination, wholesale sales, brand management, merchandising management, sourcing, product manufacturing, and merchandise analysis.

### Requirements

Any course taken to satisfy the requirements of the major must be completed with a minimum grade of C–, and the grade point average of all courses taken in the major must be at least 2.000. Students may not enroll in any

corequisite lab/lecture course in interior design until they are eligible to enroll in the respective corequisite studio course. Course prerequisites and corequisites will be strictly upheld.

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A.
2. Mathematics, one course from the following: M118, M119, or equivalent. Higher level courses may be substituted.
3. Foreign language, two years of one language, or one year of foreign language and two culture studies courses.
4. Arts and humanities, 12 credit hours.
5. Social and historical studies, 12 credit hours.
6. Natural and mathematical sciences, 8 credit hours.
7. One Topics course

Students must complete the following requirements for the major:

- Apparel merchandising majors must complete a total of 32 AMID credit hours, including AMID R100, F203, R204 or F207, R315, R404, R413 and R440; plus 13 credit hours of 300- to 400-level AMID electives from F301, F311, F340, F352, F406, F411, R308, R309, R316, R319, R321, R327, R328, R409, R410, R412, R450, and R490.

Apparel merchandising majors must also complete selected courses outside AMID, including:

1. Business K201 or Computer Science A110, Economics E201 and E202, Psychological and Brain Sciences P101, and Sociology S100.
2. Kelley School of Business courses: A200 and M300, L201 or Z302, M311 and M312, X420 or Arts and Sciences Career Services (ASCS) Q299.

Only two courses for a maximum of 6 credit hours can be simultaneously counted toward both the Apparel Merchandising B.S. and the Fashion Design Certificate.

Supervised internships are available.

## Course Descriptions

**AMID-F 202 Introductory Textile Science: Laboratory (1 cr.)** P: R100. C: F203. Analysis and application of concepts learned in lecture: fibers, fabrications, finishes, and properties. Special attention paid to aesthetics of textiles and materials for fashion design. Laboratory course. Course fee required.

**AMID-F 203 Introductory Textile Science (3 cr.)** P: R100 or H100. Textile fibers, yarns, fabrication, and finishes, textile processing and properties; selection and care of textiles for human use. Lecture plus laboratory. Course fee required. Credit given for only one of F203 or H203.

**AMID-F 207 Fashion Studio I (3 cr.)** P or C: F203 or H203. C: F213. Introduction to pattern development, fitting, fabric manipulation, and construction of original fashion designs. Studio class. Course fee required. Credit given for only one of F207 or H207.

**AMID-F 213 Fashion Design I: Research and Illustration (3 cr.)** C: F207. Exploration of design inspiration and precedent research methods. Use of various media to communicate fashion design through technical drawing and illustration. Studio class. Course fee required. Credit given for only one of F213 or H317.

**AMID-F 217 Fashion Design II: Ideation (3 cr.)** P: F213. C: F303. Fundamental principles and processes of fashion design ideation, including interpreting design concepts and themes, designing and sketching ensembles, and coordinating fabrication, color, and texture. Studio class. Course fee required. Credit given for only one of F217 or H217.

**AMID-F 301 Dress Studies: Cultural Analysis (3 cr.)** P: Junior standing. R: One course in cultural anthropology, sociology, or psychology. **CSA** Dress as a reflection of the physical, social, psychological, and aesthetic environment of various cultures; responses to and uses of dress as an aspect of culture and individual behavior. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours in F301 and H401.

**AMID-F 303 Fashion Studio II (3 cr.)** P: F207 or H207. C: F217. Intermediate pattern development, fitting, fabric manipulation, and construction of original fashion designs. Studio class. Course fee required. May be repeated for a maximum of 6 credit hours in F303 and H303.

**AMID-F 305 Fashion Studio III (3 cr.)** P: F303 or H303. Grade of C- or higher in MATH M118 or M119 or equivalent. Course fee required. Grade of C- or higher in MATH M118 or M119 or equivalent. Advanced pattern development, fitting, fabric manipulation, and construction of original fashion designs. Studio class. Course fee required. May be repeated for a maximum of 6 credit hours in F305 or H305.

**AMID-F 306 Experimental Studio: Tailoring (3 cr.)** P: F303 or H303. Techniques in contemporary and traditional tailoring. Studio class. Course fee required. Credit given for only one of F306 or H306.

**AMID-F 311 History of Dress (3 cr.)** P: F203 or H203. R: One course in European history. Dress in Western civilization relating to social, economic, political, and religious events from early civilization through seventeenth century. II Sem. Odd years only. Credit given for only one of F311 or H311.

**AMID-F 325 Experimental Fashion Studio: Shape and Foundation (3 cr.)** P: F303 or H303. Fundamental principles of design for inner-shaping and foundation; manipulation of a variety of materials and techniques to produce original designs featuring complex super-structures. Studio class. Course fee required. Credit given for only one of F325 or H325.

**AMID-F 326 Experimental Fashion Studio: Accessories (3 cr.)** P: F303 or H303. Fundamental principles and techniques for design of accessories including gloves, hats, handbags, jewelry, and masks; manipulation of a variety of materials to produce original accessory design. Studio class. Course fee required. Credit given for only one of F326 or H326.

**AMID-F 328 Experimental Fashion Studio: Digital Applications (3 cr.)** P: F303 or H303. CAD applications used to create digital fashion fabrics, fashion lines, and

fashion portfolios for the apparel and textile industries. Studio class. Course fee required. Credit given for only one of F328 or H328.

**AMID-F 340 History of Fashion (3 cr.)** P: F203 or H203. R: One course in European history. Dress in Western civilization relating to social, economic, political, and religious events in the eighteenth through twenty-first centuries; emphasis on the emergence and evolution of haute couture. Credit given for only one of F340 or H340. Even years only.

**AMID-F 352 Dress Studies: Aesthetics Analysis (3 cr.)** P: Junior standing. Aesthetics of dress as a medium of visual communication. Considerations include aesthetic norms, color psychology, elements and principles of design, appearance management strategies, and design process. Credit given for only one of F352 or H352.

**AMID-F 402 Collection Management for Historic Textiles and Costumes (3 cr.)** P: F203 or H203. Curatorial methods and procedures in museum collection management specifically related to historic textiles and costumes. Topics may vary to include accessioning, cataloging, artifact research and identification, exhibition, conservation, computer utilization. May be repeated for a maximum of 6 credit hours in F402 and H402.

**AMID-F 403 Practicum in Collection Management for Historic Textiles and Costume (1-3 cr.)** P: F203 or H203. Individual work in selected area of collection management for historic textiles and costume. Maximum of 6 credit hours given for any combination of the following courses: Y398, R321 or H321, F403 or H403. May be repeated for a maximum of 6 credit hours in F403 and H403.

**AMID-F 406 Dress Studies: Theory and Analysis (3 cr.)** P: Junior standing. Survey of methodologies and research techniques for analysis of fashion diffusion and change. Credit given for only one of F406 or H406.

**AMID-F 408 Experimental Fashion Studio: Draping (3 cr.)** P: F303 or H303. Fashion design through the use of fundamental principles and processes of draping; manipulation of a variety of materials to produce original draped designs. Studio class. Course fee required. Credit given for only one of F408 or H408.

**AMID-F 411 Dress Studies: Behavioral Analysis (3 cr.)** P: Junior standing. R: One course in sociology or psychology. **S & H** Basic concepts and theories from social psychology are used to study how clothing affects the self and others. Credit given for only one of F411 or H411.

**AMID-F 415 Readings in Textiles and Apparel (1-3 cr.)** P: R203 or H203, 6 additional credit hours in textiles and apparel, and consent of department chair. Review, discussion, and evaluation of current trends and issues in apparel or textiles; analysis of research. May be repeated for a maximum of 6 credit hours in F415 and H415.

**AMID-F 417 Fashion Design III: Presentation and Analysis (1-3 cr.)** P: R217 or H217. Planning and presenting a fashion line, development of accompanying research, and preparation of portfolio. Studio class. Course fee required. Credit given for only one of F417 or H417.

**AMID-R 100 Introduction to Retail Design and Merchandising (3 cr.)** Introduction to the retail cycle related to the interdisciplinary study of and research in apparel and textiles. Examines social and economic theories underlying the fashion business, retail merchandising principles, consumer behavior, and contemporary retail issues. Credit given for only one of R100 or H100.

**AMID-R 204 Apparel Manufacturing and Quality Analysis (3 cr.)** P: R100 or H100. Focuses on the manufacturing and product development stage of the retail cycle. This stage comprises apparel merchandising history, technology, textiles, performance, value, and quality analysis. Credit given for only one of R204 or H204.

**AMID-R 209 Apparel Industries (3 cr.)** An examination of the retail cycle and the social and economic factors underlying the fashion business. Retail merchandising principles and contemporary retail issues are examined. Credit given for only one of R209 or H209.

**AMID-R 308 Brand Management and Advertising (3 cr.)** P: Junior standing. Strategic marketing communication centered on building and maintaining brand equity, encompassing all stages of the retail cycle. Credit given for only one of R308 or H308.

**AMID-R 309 Strategies in Retail Promotion (3 cr.)** P: Sophomore standing or higher, and one course from R100 or H100; R209 or H209. Application of design elements and principles to commercial display and development of creative visual merchandising techniques; various media explored. Credit given for only one of R309 or H309.

**AMID-R 315 Principles of Retail Merchandising (3 cr.)** P: Sophomore standing or higher; grade of C- or higher in MATH M118 or M119 or equivalent; and one course from R100, H100, R209, or H209. An examination of the contemporary retail environment as it relates to principles, such as the profit and loss analysis, retail math, markups, markdowns, and turnover. Comprehensive analysis and strategy development using retail merchandising principles are emphasized. Credit given for only one of R315 or H315.

**AMID-R 316 Retail Product Management (3 cr.)** P: Sophomore standing or higher, and one course from R100, H100, R209, H209. Design thinking will be used to study strategic product management in the current retail environment. Function and practices in product distribution, merchandising and retail selling to the end use consumer segments of the retail cycle will be examined as they relate to contemporary retail store management and operations. Credit given for only one of R316 or H316.

**AMID-R 319 Professional Techniques in the Retail Industry (2 cr.)** P: Sophomore standing or higher, and one course from R100, H100, R209, or H209. Professional techniques and competencies applicable to careers in the retail industry are explored while students participate in exercises to develop presentation skills and marketing themselves to, and in, a retail organization. Credit given for only one of R319 or H319.



**AMID-R 321 Practicum in the Retail Industry (1–3 cr.)**

P: R315 or H315. Provides apparel merchandising majors a supervised and coordinated work experience in the apparel industry. Maximum of 6 credit hours given for any combination of the following courses: Y398, R321 or H321, F403 or H403. Credit given for only one of R321 or H321.

**AMID-R 327 Product Development (3 cr.)** P: R204 or H204; R315 or H315; junior standing or permission of instructor. Functions and practices of product development; understanding and defining the customer; researching fashion trends from color and fabric to silhouette; identifying how and when to apply trends to targeted customers; practical application of executing concepts into finished products. Credit given for only one of R327 or H327.

**AMID-R 328 Digital Product Development (1–3 cr.)**

P: Junior standing. Digital applications used to develop product lines, including fabric and material development, print and pattern development, graphics, knits, and woven applications. Credit given for only one of R328 or H328.

**AMID-R 404 International Textiles and Apparel Trade (3 cr.)**

P: F203 or H203, BUS M300, ECON E202, and junior standing. International factors affecting the United States textile, apparel, and retail industries, including comparative analysis of the economic, political, and social implications of globalization. Credit given for only one of R404 or H404.

**AMID-R 409 Retail Industry Field Seminar (3 cr.)**

P: Consent of instructor and department chair. Study tour designed as an overview of the retail, apparel, and textile industry, taught through a series of seminars conducted by business professionals outside the Bloomington community. May not be repeated for credit. Credit given for only one of R409 or H409.

**AMID-R 410 Apparel Entrepreneurship (3 cr.)**

P: Junior standing. Explores the entrepreneurial concept through the use of the entire retail cycle related to the vision of developing a business plan and ultimately opening a retail business selling unit. Credit given for only one of R410 or H410.

**AMID-R 412 Global Sourcing (3 cr.)** P: R315 or H315, or junior standing. Issues and strategies of global sourcing in the apparel industry: natural resources, labor issues, factory profiles, quota and duty issues of key sourcing centers. Credit given for only one of R412 or H412.

**AMID-R 413 Planning and Analysis (3 cr.)**

P: Grade of C– or higher in R315 or H315. Essentials of merchandise buying and planning: consumer trends, market resources and trade practices, seasonal plans, assortment planning and analytic tools for inventory evaluations. Credit given for only one of R413 or H413.

**AMID-R 414 Merchandise Planning (1 cr.)**

P: Grade of C– or higher in R315 or H315. C: R413. Hands-on knowledge of how merchandising math and planning software are integrated, as well as how computerized data is analyzed and applied, within the retailing industry. Credit given for only one of R414 or H414.

**AMID-R 416 Sustainability in Product: Fashion Design, Merchandising, and Retailing (3 cr.)** P: Senior standing. Examination of sustainability concepts as

applied to decision making throughout the process of product design, development, retailing, use, and disposal.

**AMID-R 440 Senior Seminar (1 cr.)** P: Senior standing. Contemporary retail industry topics and workplace issues, including leadership and ethics. Credit given for only one of R440 or H440.

**AMID-R 490 Special Problems in Retail (1–3 cr.)**

P: Consent of department. Course work under supervision on problems of special interest. May be repeated with a different topic for a maximum of 6 credit hours in R490 and H490.

**Interior Design**

**AMID-D 168 Interior Design Studio I (3 cr.)** Focus on critical and analytical ability, reasoned understanding and rational application of design elements and principles, development of vocabulary, attitudes, and skill basic to design and interior design. Course fee required. Credit given for only one of D168 or H168.

**AMID-D 191 Design Studies: Form and Function (3 cr.)**

**A & H** In this introductory course, students will learn about the decisions designers make to shape the objects they encounter every day and the effects of those decisions on those of us who interact with them. Features lectures and hands-on projects examining designs as diverse as toothbrushes, iPods, bicycles, and buildings. Credit given for only one of D191 or H191.

**AMID-D 192 Sustainable Design (3 cr.)**

Provides a basic understanding of issues related to sustainability in product design and the built environment. In particular, it encourages critical thinking with regard to an understanding and application of the life cycle analysis, as well as introducing organizations dedicated to sustainability and the rating systems they use.

**AMID-D 263 Design Methods (3 cr.)**

P: Grade of C– or higher in D271 or H271, D264 or H264, and D268 or H268. C: D272, D277. Introduction to the basic techniques of design research and evaluation, emerging trends in design thinking, and state-of-the-art design methodologies. Credit given for only one of D263, H263, or H363.

**AMID-D 264 Digital Architectural Drawing (3 cr.)**

P: Grade of C– or higher in D168 or H168. C: D268, D271. Basic two-dimensional AutoCAD skills for professional practice of interior design: document and database generation, computer-aided drafting and design. Course fee required. Credit given for only one of D264 or H264.

**AMID-D 268 Architectural Theories and Concepts (3 cr.)**

P: Grade of C– or higher in D168 or H168. C: D264, D271. Study of the philosophical, theoretical, historical, and conceptual ideas that have guided architecture and design since the late nineteenth century. Credit given for only one of D268, H268, or H368.

**AMID-D 271 Interior Design Studio 2 (3–4 cr.)**

P: Grade of C– or higher in D168 or H168. C: D264, D268. Fundamentals of drawing and rendering in two and three dimensions, presentation methods, and design practices. Course fee required. Credit given for only one of D271 or H271.

**AMID-D 272 Interior Design Studio 3 (3–4 cr.)** P: Grade of C– or higher in D264 or H264, D268 or H268, and D271

or H271. C: D263, D277. Introduction to fundamentals of space design for human activity; space standards, programming, and graphic communication. Course fee required. Credit given for only one of D272 or H272.

**AMID–D 277 Materials and Components of Interior Design (3 cr.)** P: Grade of C– or higher in D268 or H268, D264 or H264, D271 or H271, and in MATH M118 or M119 or equivalent. C: D263, D272. Provides basic understanding of the appropriate use of materials specified for the interior environment. Particular emphasis placed on the vital role interior designers play in providing for the health, safety, and welfare of those inhabiting interior spaces. Course fee required. Credit given for only one of D277 or H277.

**AMID–D 290 Special Topics in Interior Design (1–3 cr.)** P: Consent of department. Selected topics in an area of interior design. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**AMID–D 335 Lighting Interior Spaces I (1.5 cr.)** P: Grade of C– or higher in D272 or H272, D263 or H263, and D277 or H277. C: D373 and D365. Introduction to the general principles, factors, and techniques of interior lighting, including planning, analysis, calculation methods, and aesthetics in the residential context. Field trips required. Credit given for only one of D335 or H335.

**AMID–D 336 Lighting Interior Spaces II (1.5 cr.)** P: Grade of C– or higher in D373 or H373, D335 or H335, and D365 or H365. C: D374. Introduction to the general principles, factors, and techniques of interior lighting, including planning, analysis, calculation methods, and aesthetics in the commercial design context. Field trips required. Credit given for only one of D336 or H336.

**AMID–D 365 Architectural, Interior, and Furniture Design Studies (3 cr.)** P: Grade of C– or higher in D263 or H263, D272 or H272, and D277 or H277. C: D335, D373. **S & H** A survey of the history of design at three scales: architecture, interiors, and furniture design. The underlying concepts behind historically prominent work, and the commonalities of design at different scales, will be reviewed. Throughout the course, students will cultivate their own visual memory to guide their design thinking and work. Credit given for only one of D365 or H265.

**AMID–D 373 Interior Design Studio 4 (3–5 cr.)** P: Grade of C– or higher in D263 or H263, D272 or H272, D277 or H277, and consent of instructor. C: D335, D365. Design of dwellings for individuals and groups in a variety of contexts. Integration of social, technical, spatial, and environmental factors. Course fee required. Credit given for only one of D373 or H373.

**AMID–D 374 Interior Design Studio 5 (3–5 cr.)** P: Grade of C– or higher in D335 or H335, D365 or H365, and D373 or H373. C: D336. Design of work spaces for a variety of individuals and organizations. Integration of organizational, ergonomic, technical, spatial, and environmental factors. Course fee required. Credit given for only one of D374 or H374.

**AMID–D 394 Advanced Digital Architectural Drawing (3 cr.)** P: Grade of C– or higher in D264 or H264. Advanced CAD visualization for professional design practice: three-dimensional modeling and visualization, image processing, animation, and

multimedia presentation. Course fee required. Credit given for only one of D394 or H394.

**AMID–D 469 Professional Practices in Interior Design (3 cr.)** P: Grade of C– or higher in D374 or H374. C: D475. Survey of business procedures and practices and of professional values and standards for interior designers. Credit given for only one of D469 or H469.

**AMID–D 475 Interior Design Studio 6 (3–5 cr.)** P: Grade of C– or higher in D336 or H336, and D374 or H374. C: D469. Interdisciplinary team approaches to solution of comprehensive design problems utilizing contemporary design methods and procedures. Course fee required. Credit given for only one of D475 or H475.

**AMID–D 476 Interior Design Studio 7 (3–5 cr.)** P: Grade of C– or higher in D469 or H469, and D475 or H475. Design of habitats and work spaces for special populations. Course fee required. Credit given for only one of D476 or H476.

**AMID–D 480 Readings in Interior Design (1–3 cr.)** P: Grade of C– or higher in D168 or H168, 6 additional credit hours in interior design, and consent of department. Review, discussion, and evaluation of current trends and issues in interior design; analysis of research. May be repeated for a maximum of 6 credit hours in D480 and H480.

### **General Apparel Merchandising and Interior Design**

**AMID–Y 398 Internship in Professional Practice (2–6 cr.)** P: Junior standing, approval of department. For retailing experience, H315 and M300 required; for interior design experience, H272 required. For other professional practice areas, see department chair for prerequisites. (S/F grading) For retailing experience, H315 and M300 required; for interior design experience, H272 required. For other professional practice areas, see department chair for prerequisites. Provides AMID majors an off-campus supervised and coordinated career-work experience in a cooperating business, a consumer agency, or other related fields. Maximum total of 6 credit hours given among the following: Y398, H321, and H403.

## **Asian American Studies**

### **Introduction**

The program in Asian American Studies (AAST) introduces students to the history, culture, arts, and life experiences of people of Asian descent in the United States, and in other parts of the world. The term Asian American applies to groups from diverse cultural heritages within the United States, including Chinese, Japanese, Korean, Filipino, Asian Indian, Pakistani, Vietnamese, Hmong, Cambodian, Burmese, Native Hawaiian, and Pacific Islander. In attending to these populations, the undergraduate minor aims to foster awareness of Asian American experiences and contributions as part of the multicultural and multiracial history and ongoing development of the American experience, and to locate this experience in a larger global context. Its faculty members undertake a wide range of research and scholarship on issues such as Asian immigration, community development, labor market status, physical and mental health, gender and sexual politics, ethnic and diasporic identities, cultural representations, civil

rights, and citizenship. Courses in Asian American Studies provide students the opportunity to deepen their understanding of these issues from an interdisciplinary perspective that includes history, sociology, literature, ethnography and media studies, political science, applied health science, and counseling psychology. Students in Asian American Studies not only learn the traditional skills in critical analysis and research, but also develop domestic and global perspectives as effective and responsible agents in a rapidly changing twenty-first century world.

### Contact Information

Asian American Studies Program  
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Bloomington, IN 47405

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[aasp@indiana.edu](mailto:aasp@indiana.edu)

[www.indiana.edu/~aasp/](http://www.indiana.edu/~aasp/)

## Minor in Asian American Studies

### Requirements

At least 15 credit hours of College of Arts and Sciences course work, including the following:

1. A101 Introduction to Asian American Studies
2. A499 Senior Seminar in Asian American Studies
3. 9 credit hours from Lists A and B (see below). At least 6 credit hours must be at the 300 level or above. At least 6 credit hours must be from List A.
4. With the approval of the director of the Asian American Studies program, 3 credit hours of A495 Independent Reading and Research in Asian American Studies may be substituted for one AAST course at the 200 or 300 level.
5. No course taken in fulfillment of the American Studies major or minor can be applied to this minor.
6. Students who choose course work outside the College in partial fulfillment of the minor will need to take additional College of Arts and Sciences course work to meet the minimum total of 15 credit hours in the College.

### List A (Asian America)

- AAST A300 Topics in Asian American Studies (3 cr.) CSA (Topic: Social Problems in the Health and Well-being of Asian America)
- AMST A298 Special Topics in Arts and Humanities for American Studies (3 cr.) A & H (Topic: Negotiating Asian/American Identities: A Survey in Asian American Literature)
- AMST A299 Special Topics in Social and Historical Studies for American Studies (3 cr.) S & H (Asian American Topics)
- EALC E385 Asian Americans: Cultural Conflict and Identity (3 cr.) S & H, CSA
- EDUC G204 Asian American Mental Health
- ENG L374 Ethnic American Literature (3 cr.) A & H, CSA (Asian American topics)
- HIST A205 Asian American History (3 cr.) S & H, CSA

- POLS Y200 Contemporary Political Problems (3 cr.) S & H (Topic: Asian American Politics Since the 1960s)
- SOC S342 Asian American Communities and Identities (3 cr.) S & H, CSA

### List B (Asian Diaspora)

- AMST A398 Advanced Topics in Arts and Humanities for American Studies (3 cr.) A & H (Topic: Responses to Empire: Reading Philippine–U.S. Contact)
- CMCL C314 Communication, Culture, and Social Formations (3 cr.) S & H (Topic: Asian/Pacific Islander Families and Diasporas)
- CMLT C360 Diasporic Literatures (3 cr.) A & H (Topic: Literatures of the Asian Diaspora)

## Faculty

### Interim Director

- Joan Pong Linton (English)

### Professors

- Yvette Alex-Assensoh (Political Science)
- Michael Robinson (East Asian Languages and Cultures)

### Associate Professors

- Purnima Bose (English)
- Gerald Campano (Literacy, Culture, and Language Education)
- Angela Pao (Comparative Literature)
- Radhika Parameswaran (Journalism)
- Samrat Upadhyay (English)

### Assistant Professors

- Denise Cruz (English, American Studies)
- Ilana Gershon (Communication and Culture)
- Karen Inouye (American Studies)
- Jennifer Lee\* (Sociology)
- Fernando Ona (Applied Health Sciences)
- Joel Wong (Counseling and Educational Psychology)
- Ellen Wu\* (History)

\* Asian American Studies core faculty

## Course Descriptions

**AAST–A 101 Introduction to Asian American Studies (3 cr.) S & H, CSA** Examines the histories, experiences, and cultures that shape the Asian American community. Through articles, books, and film, this course explores the commonalities and the diversity of experiences among Asians in the United States, with particular focus on such issues as immigration, education, community, and identity.

**AAST–A 201 Asian Diaspora Experience (3 cr.) A & H, CSA** Explores the Asian Diaspora in the United States and elsewhere in the world. Examines Asian diasporic experience through diverse cultural forms: literature, art, music, dance, theatre, news, film, and other popular media. Addresses such salient issues as identity in transition, ecology and human ecology, globalization, and more.

**AAST–A 300 Topics in Asian American Studies (3 cr.) CSA** Advanced study of a single focused topic in Asian

American studies, with attention to disciplinary and interdisciplinary interpretations, frameworks of theory and practice, and skills in research, analysis, and writing. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

**AAST–A 495 Independent Readings and Research in Asian American Studies (3 cr.)** P: Consent of instructor and program director. Independent readings or research project in Asian American studies. May be repeated for a maximum of 6 credit hours.

**AAST–A 499 Capstone Seminar in Asian American Studies (3 cr.)** P: Consent of the program. A faculty-supervised course of independent research utilizing a specific disciplinary or interdisciplinary approach and culminating in a paper or report. The project may incorporate a practical or service-learning component and the use of diverse media. The report must include a written, analytical component.

## Astronomy

### Introduction

The Department of Astronomy (AST) offers courses toward the B.S. degree in astronomy and astrophysics as well as 100-level courses for non-astronomy majors. This degree program is designed to prepare students for graduate study and a subsequent career in astronomy and astrophysics. The program also serves the needs of students preparing for careers in related technical fields. Students enrolled in this program use the telescopes at the campus observatories, the Morgan-Monroe State Forest Observatory, and the Wisconsin-Indiana-Yale-NOAO Observatory. Students also use the extensive computing facilities in Swain Hall.

### Contact Information

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<http://www.astro.indiana.edu/>

## Faculty

### Chairperson

- John J. Salzer

### Professors

- Haldan N. Cohn
- Richard H. Durisen
- Phyllis M. Lugger
- Stuart L. Mufson
- Catherine A. Pilachowski
- John J. Salzer

### Associate Professors

- Constantine P. Deliyannis
- Liese van Zee

### Assistant Professor

- Katherine Rhode

### Academic Advising

- Elizabeth R. Smith, Swain Hall West 244, (812) 855-2391

## Major in Astronomy and Astrophysics

Students must complete the following fundamental skills and distribution requirements for the B.S. in Astronomy and Astrophysics:

1. Writing, same as the general requirements for the B.A. degree.
2. Foreign language, 3 credit hours (or the equivalent) at or above the second-year level. French, Spanish, German, or Russian is normally required.
3. Two courses in arts and humanities.
4. Two courses in social and historical studies.
5. Two courses in natural and mathematical sciences, fulfilled by major.

Students must complete the following requirements for the major:

1. Mathematics M211, M212, M311, and M343.
2. Physics P221-P222, P301, P331-P332, and two of P441, P442, P453, or P454.
3. Astronomy A221-A222, A305, and two 400-level astronomy courses other than S499.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

The following additional physics courses are highly recommended for students planning graduate study in astronomy and astrophysics: P321, P340, P460, and an additional 400-level sequence (P441-P442 or P453-P454). Other suggested courses are Physics P309, P400; Mathematics M312, M344; Computer Science A201-A202 or C211-C212; Geological Sciences G121; History and Philosophy of Science X222, X390, X391; Chemistry C117, C118.

## Departmental Honors Program

The honors program is designed for superior students who plan to pursue graduate studies in astronomy and astrophysics. Students wishing to pursue the honors program should contact the undergraduate advisor in the Department of Astronomy during the second semester of their sophomore year or first semester of their junior year. To be admitted to the honors program, students must have a minimum overall GPA of 3.300 and a minimum GPA of 3.300 in their astronomy, mathematics, and physics courses. Students must maintain these GPAs to receive a degree with honors in astronomy and astrophysics.

In the honors program, students complete the same requirements as for the regular B.S. in Astronomy and Astrophysics and in addition take Astronomy S499 Honors Research. Astronomy S499 is to be taken one or both semesters during the senior year and counts for 3 credits each time it is taken. Students will carry out research supervised by a faculty member in the department. During

the second semester of the senior year, the student will write a research report and make an oral presentation describing the work to the Department of Astronomy in a minicolloquium.

### A Sample Schedule for Honors Astronomy and Astrophysics Program

The following schedule is just an example, and there is considerable flexibility in how to schedule courses. Those considering a career in astronomy, astrophysics, or a related field should consider a more accelerated schedule, though it's also possible to complete the major requirements even if one begins taking the required courses as late as the beginning of the sophomore year. Regardless, students are strongly encouraged to seek advice in the Astronomy Department as soon as possible, to determine what kind of schedule best suits their needs and goals.

#### Freshman

- Mathematics M211-M212
- Physics P221-P222
- Astronomy A221-A222 (Students with good high school preparation in physics and mathematics are encouraged to take A221-A222 during the freshman year.)

#### Sophomore

- Mathematics M311 and M343
- Physics P301
- Astronomy A221-A222 (if not taken during freshman year)

#### Junior

- Physics P331-P332 and P453 (if taking the P453-P454 sequence). P453 is taught in the spring semester, and P454 is taught in the fall semester.
- Astronomy, one or two of A305, A451, A452, or A453 (A305, A451, and A452 are offered in alternate years.)

#### Senior

- Physics, one (if already taken P453) or two (if P453 not taken) of P441, P442, P453, P454
- Astronomy Two or one of A305, A451, A452, A453; and S499 for Honors Program.

## Minor in Astronomy and Astrophysics

A program leading to a minor in astronomy and astrophysics is provided for students who have a serious interest in the field but do not plan to major in the subject. To obtain a minor in astronomy and astrophysics, a student must take the following courses: two 100-level astronomy courses (all combinations are acceptable except A100 and A110, or A105 and A110) A221, A222, and one of A305, A320, A451, A452, or A453. Altogether, these provide at least 17 credit hours. A student must take all necessary prerequisites, including some mathematics and physics classes. Substitution of other astronomy courses may be made with the permission of the department. Replacement of 100-level astronomy courses by 300- or 400-level astronomy courses is encouraged.

The cumulative GPA of all courses taken for the minor must be at least 2.000.

## Course Descriptions

**Note:** A100, A102, A103, A105, A110, and A115 are introductory astronomy courses of comparable difficulty. No one of them is considered a prerequisite for any other. A110 is a survey of all modern astronomy in one course. A100 and A105 divide the A110 material into two parts. Taken together, A100 and A105 cover essentially the same material as A110 but in greater depth. A102 covers selected topics in astronomy with an emphasis on the role of gravity. A103 covers the search for life in the universe. A115 is an introduction to cosmology that also covers many topics in basic astronomy.

**AST-A 100 The Solar System (3 cr.) N & M** Celestial sphere, constellations, apparent motions of celestial objects, eclipses, history of astronomy, astronomical observations, the Earth as a planet, the Moon, the planets and their satellites, comets, meteors, theories of the origin of the solar system. Credit given for only one of A100 and A110. I Sem., II Sem., SS.

**AST-A 102 Gravity, the Great Attractor: Evolution of Planets, Stars, and Galaxies (3 cr.) N & M, TFR** The fundamental role of gravity in shaping the evolution of planets, stars, galaxies, and other astrophysical systems is the underlying theme. The scientific method will be emphasized. Topics will include planetary systems, white dwarfs, neutron stars, black holes, binary X-ray sources, gamma-ray bursts, galaxies, and the large-scale structure of the universe.

**AST-A 103 The Search for Life in the Universe (3 cr.) N & M** Explores the origin, nature, and history of life on Earth, prospects for life in our own and other planetary systems, extrasolar planet detection, and the possibility of other technological civilizations.

**AST-A 105 Stars and Galaxies (3 cr.) N & M** Introduction to the physical universe. Topics include constellations, gravity, radiation, the Sun, structure and evolution of stars, neutron stars and black holes, the Milky Way galaxy, normal galaxies, active galaxies, quasars, cosmology, and the search for extraterrestrial life. Credit given for only one of A105 or A110. I Sem., II Sem., SS.

**AST-A 115 Birth and Death of the Universe (3 cr.) N & M** Introduction to cosmology. Traces the ideas describing the origin and evolution of the universe from ancient geocentric cosmologies to the Big Bang cosmology.

**AST-A 221 General Astronomy I (4 cr.) P:** MATH M025 and M026 or high school equivalent. For physical science majors. **N & M** Introduction to modern astronomy and astrophysics, including basic principles of mechanics, optics, and radiation. Topics include solar system, stars, interstellar matter, galaxies, cosmology, and observational astronomy from radio to gamma rays. Credit given for only one of A201 or A221. I Sem.

**AST-A 222 General Astronomy II (4 cr.) P:** MATH M025 and M026 or high school equivalent. For physical science majors. **N & M** Continuation of A221. Introduction to modern astronomy and astrophysics, including basic principles of mechanics, optics, and radiation. Topics include solar system, stars, interstellar matter, galaxies,

cosmology, and observational astronomy from radio to gamma rays. Credit given for only one of A202 or A222. II Sem.

**AST–A 305 Modern Observational Techniques (4 cr.)**

P: A201-A202 or A221-A222, calculus, PHYS P201- P202 or P221-P222, consent of instructor. **N & M** Telescopes, astronomical imaging, spectroscopic and photometric observations, and reductions. I Sem.

**AST–A 320 Computational Problems in Astronomy (3 cr.)**

P: A201-A202 or A221-A222, MATH M212, PHYS P221-P222. R: Previous computer experience is helpful. **N & M** Problem-solving exercises in stellar astronomy, galaxies, and astronomical spectroscopy. Topics include orbital solutions of binary stars, structure of the Milky Way, and astronomical distance scales.

**AST–A 390 Reading Course (1–3 cr.)** P: A201-A202 or A221-A222, consent of instructor. Problem-solving exercises in stellar astronomy, galaxies, and astronomical spectroscopy. Topics include orbital solutions of binary stars, structure of the Milky Way, and astronomical distance scales.

**AST–A 451 Stellar Astrophysics (3 cr.)** P: Calculus, PHYS P301 or equivalent, and A222; or consent of instructor. **N & M** Application of basic physical principles to investigation of the solar system, stars, and the Milky Way galaxy.

**AST–A 452 Extragalactic Astrophysics (3 cr.)**

P: Calculus, PHYS P301 or equivalent, and A222; or consent of instructor. **N & M** (A451 is not P to A452.) Application of basic physical principles to investigation of galaxies and cosmology.

**AST–A 453 Topical Astrophysics (3 cr.)** P: Calculus, PHYS P301 or equivalent, and A222; or consent of instructor. **N & M** Topics in astrophysics not covered extensively by other courses. The topic will vary depending on instructor. Possible topics include the solar system, celestial mechanics, astrobiology, stellar interiors, stellar atmospheres, stellar populations, galaxy dynamics, and cosmology. May be repeated with a different topic for a maximum of 6 credit hours.

**AST–S 499 Honors Research (3–6 cr.)** P: Consent of director of undergraduate studies. Students will carry out astronomical research closely supervised by a faculty member in the department. Students will write a research report and given an oral presentation during the second semester of their senior year. May be taken two semesters for a maximum of 6 credit hours.

## Biology

### Introduction

The Department of Biology (BIOL) offers a wide range of programs, including B.A. and B.S. degrees in biology and microbiology and the B.S. degree in biotechnology. Because the minimal requirements for each degree differ widely and prepare students for varied careers, students should consult advisors and evaluate each degree carefully. Independent research and honors degrees can be earned under any degree program. In departmental course work the letter prefix indicates the major emphasis of the class: "A" and "P" indicate

anatomy and physiology courses offered by the Medical Sciences Program; "B" indicates plant sciences; "M" a microbiological emphasis; "T" a biotechnological emphasis; "Z" a zoological emphasis; and "L" courses cover microbiological, botanical, and zoological subjects.

### Contact Information

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## Faculty

### Chairperson

- Roger Innes

### Associate Chairpersons

- Lynda Delph
- Clay Fuqua

### Distinguished Professors

- Thomas Kaufman
- Ellen Ketterson
- Michael Lynch
- Jeffrey Palmer
- Rudolf Raff
- Loren Rieseberg
- Mike Wade

### Professors

- James Bever
- Jose Bonner
- Yves Brun
- Peter Cherbas
- Keith Clay
- Lynda Delph
- Thomas Donahue
- Pat Foster
- Roger Hangarter
- Roger Innes
- Curtis Lively
- Emilia Martins
- Craig Pikaard
- Elizabeth C. Raff
- Albert Ruesink
- Maxine Watson
- Malcolm Winkler
- Miriam Zolan

### Associate Professors

- Alan Bender
- Lingling Chen
- Yean Chooi-Odle
- Gregory Demas
- Clay Fuqua
- Richard Hardy
- David Kehoe
- Justin Kumar

- Scott Michaels
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- Armin Moczek
- Heather Reynolds
- Whitney Schlegel
- Troy Smith
- Stefan Surzycki
- Michael Tansey
- Gregory Velicer

#### Assistant Professors

- Justen Andrews
- Pranav Danthi
- Viola Ellision
- Matthew Hahn
- Spencer Hall
- Ke Hu
- Laura Hurley
- Daniel Kearns
- Soni Lacefield
- Melanie Marketon
- Kristi Montooth
- Leonie Moyle
- Suchetena "Tuli" Mukhopadhyay
- David Nelson
- Richard Phillips
- Joseph Pomerening
- Sidney Shaw
- Nicholas Sokol
- Andrew Zelhof

#### Teaching Faculty

- Amy Berndtson
- Clara Cotten
- Pam Hanratty
- Jim Hengeveld
- Susan Hengeveld
- Hich Holdeman
- Carl Kulow
- Ryan Lee
- Nancy Magill
- Laura Mojonner
- William Ruf

#### Academic Advising

- Anna Bednarski, Kate Emblom, Mary Ann Miller, Jordan Hall A115, (812) 855-3810

### Departmental Honors Program

Outstanding students in any of the departmental degree programs are urged to fulfill the requirements for an honors degree. Since independent research is an integral part of the Department of Biology honors program, students must enroll in at least two semesters of L490 Individual Study. The Undergraduate Advising Office should be consulted for other requirements, but in general, students completing course work with a minimum grade point average of 3.300, a senior thesis, the L490 credits, and, in some cases, a comprehensive examination or seminar, will be awarded a degree with honors. Honors students are urged to enroll in special honors courses and seminars offered by many departments in the College of Arts and Sciences.

### Overseas Study

Students are encouraged to study abroad, particularly in the Indiana University Overseas Study programs in Australia, Bonaire, Copenhagen, Costa Rica, Great Britain, and where students may continue to make progress toward their biology degrees. For information about study abroad, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304.

### Options for Special Credit

The department awards 3 hours of credit with a grade of S for E112 to students who score a 4 on the College Board Advanced Placement exam or 6 hours of credit for E111 and E112 to students who score a 5 on the College Board Advanced Placement exam. Students who have taken the College Board SAT II Biology E/M test earn credit as follows: a score of 680 on the Biology E test earns 3 credit hours of E111. A score of 680 on the Biology M test earns 3 credit hours of E112. For students who have taken the older SAT II Biology subject test, a score between 680 and 719 earns credit for E112; a score of 720 or higher earns credit for E111 and E112. A grade of S in E111 and E112 also may be earned by passing a departmental exemption examination given the first Wednesday night of classes each semester. This credit satisfies the introductory course requirements for majors but carries no lab credit. It is strongly suggested that students understand this material before proceeding to L211. Depending on their score, students should consider completing L112 before proceeding to L211. Nonmajors can apply the credit toward College of Arts and Sciences distribution requirements.

### Major in Biology—B.A.

#### Purpose

The B.A. degree is designed to provide training in the major subject areas of biology while remaining the most flexible of all biology degrees offered. Minimal chemistry and mathematics requirements allow students to substitute a second major, such as computer science, chemistry, psychology, or an outside field, such as environmental studies or business. However, this degree will not automatically fulfill requirements for entrance to medical, dental, or optometry schools, or to most graduate programs.

#### Required Courses

Students must complete the following course work with a grade of C– or higher in each course:

1. L111 Introduction to Biology: Evolution and Diversity (3 cr.), L112 Introduction to Biology: Biological Mechanisms (3 cr.), and L113 Biology Laboratory (3 cr.).
2. L211 Molecular Biology (3 cr.).
3. L311 Genetics and Development (3 cr.).
4. L318 Evolution (3 cr.).
5. Two additional lecture courses at the 300 or 400 level. L322, T312, T322, L490, and L499 do not count for lecture or laboratory credit.
6. Two additional laboratory courses at the 300 or 400 level. L322, T312, T322, L490, and L499 do not count for lecture or laboratory credit.
7. One of the advanced lecture courses and one advanced laboratory (300–400 level) must be taken on the Bloomington campus.

8. Chemistry C117, C118 or N330, and C341 or R340. For those planning professional school, this sequence is recommended: C117, C341, C342, C343, and N330.
9. Mathematics M118 or M119 or M211.

**Note:** L111 and L112 can be taken in either order. L112 and CHEM C117 are prerequisites of L211, which is the prerequisite of L311, which is the prerequisite of L318.

**Exception:** M250 may count as an advanced lecture, and M255 may count as an advanced lab. Consult with the Biology Undergraduate Advisors for a current list of acceptable lecture and laboratory classes.

Students must also meet the degree requirements of the College of Arts and Sciences, including culture studies.

## Major in Microbiology—B.A.

### Purpose

The B.A. degree is designed to provide training in microbiology for those students who do not intend to obtain an advanced degree in microbiology or attend medical, dental, or optometry school. The degree is suitable for students who are double majors as well as those individuals whose career goals include being a laboratory technician or working in an outside field, such as business or environmental studies.

### Required Courses

Students must complete the following courses with a minimum grade of C– in each course:

1. L112 Introduction to Biology: Biological Mechanisms (3 cr.) and L113 Biology Laboratory (3 cr.).
2. L211 Molecular Biology (3 cr.).
3. M250 Microbiology (3 cr.) and M255 Microbiology Lab (2 cr.).
4. M440 Medical Microbiology: Lecture (3 cr.) or M460 Biology of the Prokaryotes (3 cr.).
5. M480 Microbial Genetics (3 cr.).
6. Either M350 Microbial Physiology and Biochemistry (3 cr.) or L312 Cell Biology (3 cr.).
7. Two additional courses from the following: B351, L321, M375, M430, or M440. If M440 is selected in section 4, it cannot be selected for credit in section 7.
8. One additional laboratory from the following: M360, M435, M445, M465, or M485.

### Additional Requirements

Students must also complete the following with a minimum grade of C– in each course:

1. Chemistry C117, C118 or N330, and C341 or R340. For those planning professional school, this sequence is recommended: C117, C341, C342, C343, and N330.
2. Mathematics M119 or M211.
3. One of the following statistics courses: Mathematics K310, Psychological and Brain Sciences K300 or K310, Liberal Arts and Management Program L316, Statistics S300, or SPEA-K 300. (Note that although SPEA K300 fulfills the statistics requirement, it does not count toward College of Arts and Sciences credit hours if the total hours allowed outside the College have been met.)

4. Physics P201-P202 or P221-P222.

Students must also meet the degree requirements for the B.A. degree in the College of Arts and Sciences.

## Major in Biology—B.S.

### Purpose

The B.S. in biology is designed to provide students with a rigorous general background in the sciences to prepare them for graduate or professional school or for science-related jobs at the bachelor's degree level. The more extensive requirements in chemistry, mathematics, and physics have been selected to optimize students' future opportunities.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as for B.A. degree.
2. Mathematics, fulfilled by major.
3. Foreign language, three semesters in the same language, or equivalent proficiency. Culture studies courses are not required.
4. One Topics course—students are advised to choose a course that will serve as one of the required arts and humanities or social and historical studies courses listed below.
5. Arts and humanities, two courses.
6. Social and historical studies, two courses.
7. Natural and mathematical sciences, fulfilled by major.

### Major Requirements

Students must complete the following course work with a minimum grade of C– in each course:

1. L111 Introduction to Biology: Evolution and Diversity (3 cr.), L112 Introduction to Biology: Biological Mechanisms (3 cr.), and L113 Biology Laboratory (3 cr.).
2. L211 Molecular Biology (3 cr.).
3. L311 Genetics and Development (3 cr.).
4. L318 Evolution (3 cr.).
5. Three additional lecture courses at the 300 or 400 level. T312, L322, T322, L490, and L499 do not count for lecture or laboratory credit.
6. Three additional laboratory courses at the 300–400 level. T312, L322, T322, L490, and L499 do not count for lecture or laboratory credit.
7. Two of the advanced lecture courses (300–400 level) and two of the advanced laboratories (300–400 level) must be taken on the Bloomington campus.

**Exception:** M250 may count as an advanced lecture, and M255 may count as an advanced lab. Consult with the Biology Undergraduate Advisors for a current list of acceptable lecture and laboratory classes.

### Additional Requirements

Students must also complete with a minimum grade of C– in each course:

1. Chemistry C117, C341, C342, C343, and N330.
2. Physics P201-P202 or P221-P222.
3. Mathematics M211 or M215 (or M119 and M120).



- One of the following statistics courses: Mathematics K310, Psychological and Brain Sciences K300 or K310, Liberal Arts and Management Program L316, Statistics S300, or SPEA-K 300. (Note that although SPEA-K 300 fulfills the statistics requirement, it does not count toward College of Arts and Sciences credit hours if the total hours allowed outside the College have been met.)

### Recommendations

Students are urged to discuss with the academic advisors in Jordan Hall A115 the selection of electives and requirements to meet their specific career goals.

## Special B.S. for Three-Year Premedical/Pre dental/Preoptometry Students

### Purpose

This program is designed for students admitted to the Indiana University Schools of Medicine, Dentistry, or Optometry after three years at Indiana University Bloomington. Students who have completed requirements for this major, the fundamental skills and distribution requirements for the standard B.S. in Biology, and at least 90 credit hours in courses offered by the College of Arts and Sciences may apply 8 credit hours of their first-year professional courses toward their major and 24 credit hours of their first-year professional courses as elective credit. Students who have been accepted to medical and dental schools other than Indiana University's must have special permission from the dean of the College of Arts and Sciences to apply for this degree.

### Required Courses

Students must complete all of the fundamental skills and distribution requirements that are required for the standard B.S. in biology.

### Major Requirements

Students must complete the following with a C– or higher:

- L111, L112, L211, L311, and L318; a total of three associated labs, which must be taken on the Bloomington campus.
- Chemistry C117, C341, C342, C343, and N330.
- Physics P201-P202 or P221-P222.
- Mathematics M211 or M215 (or M119 and M120).
- One of the following statistics courses: Mathematics K310, Psychological and Brain Sciences K300 or K310, Liberal Arts and Management Program L316, Statistics S300, or SPEA-K 300. (Note that although SPEA-K 300 fulfills the statistics requirement, it does not count toward College of Arts and Sciences credit hours if the total hours allowed outside the College have been met.)

### Recommendation

Students choosing this option should consult with the academic advisors in Jordan Hall A115 and the Premedical/Pre dental/Preoptometry advisor in the Health Professions Office.

## Major in Microbiology—B.S.

### Purpose

The B.S. in microbiology is designed for students who wish to pursue careers as professional microbiologists in health, environmental, governmental, or industrial

laboratories. It is also a basis for further professional or graduate training in microbiology and related fields.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

- Writing, same as for B.A. degree.
- Mathematics, fulfilled by major.
- Foreign language, three semesters in the same language or equivalent proficiency. Culture studies courses are not required.
- One Topics course—students are advised to choose a course that will serve as one of the required arts and humanities or social and historical studies courses listed below.
- Arts and humanities, two courses.
- Social and historical studies, two courses.
- Natural and mathematical sciences, fulfilled by major.

### Major Requirements

Students must complete the following:

- Biology L112 and L211.
- Microbiology M250 and M255.
- Microbiology M350, M360, and M480.
- Two of the following lab courses: M435, M445, M465, M485, or T315.
- One of the following lecture courses: M430, M440, or M460.
- Two of the following additional lecture courses: M430, M440, M460, M375, M416, B351, L312, L321, or T310. Courses used to fulfill requirement 5 above will not apply to requirement 6.
- Chemistry C117 (or C105-C125), C341, C342, C343, and N330 (or C106-126).
- Mathematics M211 or M215 (or M119 and M120).
- One of the following statistics courses: Mathematics K310, Psychological and Brain Sciences K300 or K310, Liberal Arts and Management Program L316, Statistics S300, or SPEA-K 300. (Note that although SPEA-K300 fulfills the statistics requirement, it does not count toward College of Arts and Sciences credit hours if the total hours allowed outside the College have been met.)
- Physics P201-P202 or P221-P222.

Students must also complete the requirements and procedures listed in this Bulletin under "General Requirements for Bachelor's Degrees" except for the culture studies requirement.

### Recommendations

Because chemistry is a prerequisite for many upper-level microbiology courses, students are urged to begin chemistry as soon as possible. Students should consult the advising office to plan a coherent program.

## Major in Biotechnology—B.S.

### Requirements

Students must complete the following fundamental skills and distribution requirements:

- Writing, same as for B.A. degree. Intensive Writing requirement, fulfilled by major.
- Mathematics, fulfilled by major.

3. Foreign language, three semesters in the same language or equivalent proficiency. Culture studies courses are not required.
4. One Topics course—students are advised to choose a course that will serve as one of the required arts and humanities or social and historical studies courses listed below.
5. Arts and humanities, two courses.
6. Social and historical studies, two courses.
7. Natural and mathematical sciences, fulfilled by major.

### Major Requirements

Students must meet the following with a minimum grade of C– in each course and a minimum major grade point average of C (2.000):

1. Biology L112 Biological Mechanisms
2. Biology L211 Molecular Biology
3. Either (a) Biology M250: Microbiology Lecture and M255: Microbiology Lab, or (b) Biology M430: Virology and M435: Viral Tissue Culture Lab.
4. Biology T301, T310, T312, T315, T322.
5. At least four additional courses, chosen from among the following, for a minimum of 12 credit hours: Anatomy A464, Biology L311, L312, L313, L317, L319, L321, L323, L324, L331, M350, M360, M430, M435, M440, M445, M460, M465, M480, M485, L490 (can be taken twice for a total of 6 cr.), T415, Z318, Z373, Z374, Z375, Z466, Z469; Chemistry C361, C432, C443, C481, C485, C487, Medical Sciences P421.
6. Mathematics M211 or M215 (or M119 and M120).
7. Chemistry C117, C341, C342, C343, N330, A314, A316, and C483 or C484.
8. One of the following statistics courses: Mathematics K310, Psychological and Brain Sciences K300 or K310, Liberal Arts and Management Program L316, Statistics S300, or SPEA K300. (Note that although SPEA K300 fulfills the statistics requirement, it does not count toward College of Arts and Sciences credit hours if the total hours allowed outside the College have been met.)
9. Physics P201-P202 or P221-P222.

Students must also meet the degree requirements for the B.S. degree in the College of Arts and Sciences.

Students who wish to complete a business minor or the Liberal Arts and Management Program (LAMP) certificate as part of their degree program are advised that they may need to take some of the relevant courses in the summer or in an additional semester. The College of Arts and Sciences allows students to take 22 credit hours outside the College that will count toward graduation. This allowance should also be taken into account when considering the business minor or the LAMP certificate.

### B.S. in Biotechnology/J.D. 3+3 Program

#### Required Courses

Students who are admitted to the IU Bloomington School of Law after completing a minimum of 90 credit hours in the College of Arts and Sciences, and who have satisfied the fundamental skills, distribution, and major concentration requirements for the B.S. in Biotechnology

degree program, may apply up to 32 credit hours earned their first year in the law school as electives and, at the end of that year (with a minimum of 122 credit hours), earn the B.S. in Biotechnology degree.

**Note:** Students who need to satisfy all fundamental skills requirements through course work will need approximately 106 credit hours to complete all of the requirements listed in the statement above. Students who bring to college study a proficiency in foreign language and who satisfy the English composition requirement through test scores may be able to satisfy all requirements with 92 credits. Students who bring other competencies that would result in prerequisites being waived might be able to complete these requirements with fewer than 90 credits. In all cases, however, a student must have completed a minimum of 90 credit hours in the College (including electives if necessary) and all requirements listed above to be eligible for this special arrangement.

### Minor in Biology

#### Required Courses

Option 1 or Option 2 must include a minimum of 6 credit hours taken on the Bloomington campus. *Students are not allowed to combine the two options.* They must choose either Option 1 or Option 2.

#### Option 1

This option is recommended for students not majoring in science:

- BIOL L111, L112, L113, L350, L369.

#### Option 2

This option is recommended for science majors:

- BIOL L111, L112, L113, and sufficient additional biology major courses to total 15 or more total credit hours.

**Note:** Biology L490 and L499 credit cannot count for either option in the biology minor.

### B.S. Biology/M.S. Secondary Education

In an effort to address the shortage of Indiana high school teachers in certain subjects, the College, in conjunction with the IU School of Education, offers an accelerated five-year program in which students can obtain a B.S. in Biology and an M.S. in Secondary Education and also complete all requirements for State licensure in Secondary Education. Under this program, students complete all of the course work required for the B.S. in Biology major by their eighth semester at IU. Beginning in their eighth semester and then continuing in the summer after their fourth year and in a fifth year of study, students complete all of the requirements for the M.S. in Secondary Education with licensure.

Students must apply and earn admittance to the School of Education's Secondary Transition to Teaching and the Master of Science in Education programs during the fall semester of their senior year. After they have completed a minimum of 90 credit hours in the College of Arts and Sciences and satisfied the fundamental skills, distribution, and major concentration requirements for the B.S. in Biology, students may apply up to 32 credit hours earned in the School of Education as College electives. The

requirements for the B.S. in Biology must be completed before student teaching begins in the final spring semester of the five-year program. The two degrees (B.S. in Biology and M.S. in Secondary Education) are awarded simultaneously.

Students considering this degree should seek advising from both the Department of Biology and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

## Course Descriptions

### Courses for the Nonmajor

These courses fall into three categories: 1. L100 is designed to offer the nonmajor an opportunity to examine the fundamental principles of biology and to prepare for more advanced courses should the decision be made to continue in biology. 2. L104 offers freshmen and sophomores the opportunity to explore particular areas of biology in a lecture-only format. L104 cannot be used to undertake later study as a biology major. 3. Nonmajor courses at the 200–400 level are designed to acquaint students possessing a minimal science background with the basic principles underlying the modern biological sciences. Emphasis is given to those biological concepts and advances that are of prime importance to the liberally educated nonscientist. These courses may not be counted toward a major in the Department of Biology.

**BIOL–L 100 Humans and the Biological World (5 cr.) N & M** Principles of biological organization, from molecules through cells and organisms to populations. Emphasis on processes common to all organisms, with special reference to humans. Credit given for only one of the following: L100, L104, E112, L112, S115, or Q201.

**BIOL–L 104 Introductory Biology Lectures (3 cr.)** Enrollment limited to freshmen and sophomores. **N & M** An introduction to living organisms. Designed for nonscientists with no background in biology. Does not count as a preprofessional course. Primary emphases may vary with the instructor. Credit given for only one of the following: L100, L104, E112, L112, S115, or Q201.

**BIOL–L 222 The City as Ecosystem (3 cr.) N & M** Principles of ecosystem ecology and their application to the sustainable use of energy and resources in urban and agricultural ecosystems, with emphasis on the integration of environmental, social, and economic concerns.

**BIOL–L 302 Topics in Human Biology (3 cr.)** P: Junior or senior standing. **N & M** Not open to biology majors. Physiology, genetics, and biochemistry at a level to appreciate the human condition. Topics to be considered may vary from year to year: cancer, genetic disease, cardiovascular disease, blood groups, immune systems, genetic damage, contraception and pregnancy, genetics of intelligence, environmental hazards, genetic engineering.

**BIOL–L 330 Biology of the Cell (3 cr.)** P: Any college biology course. R: College chemistry. **N & M** Not open to biology majors. The structure and function of animal, plant, and microbial cells, with attention to membranes and biologically important molecules. Will include the function of nerves, muscles, and the immune system. Credit given for only one of L330 or L312.

**BIOL–L 340 Biological Basis of Sex Differences (3 cr.)** Not open to biology majors. **N & M** Course will introduce students to biological processes underlying male–female differences in anatomy, physiology, and behavior. Discussions of sexual differentiation in organisms ranging from yeast to humans will be included. Functional (evolutionary/ecological) and mechanistic (developmental/physiological) explanations for sex differences will be addressed.

**BIOL–L 350 Environmental Biology (3 cr.)** P: Junior or senior standing. **N & M** Not open to biology majors. Interactions of human beings with other elements of the biosphere with emphasis on population, community, and ecosystem levels of ecology.

**BIOL–L 369 Heredity, Evolution, and Society (3 cr.)** P: Junior or senior standing. **N & M** Not open to biology majors. Basic concepts and principles of evolution, heredity, and individual development. Problems of the individual and society raised by present and future genetic knowledge and technology.

### Courses for the Biology Major

Credit will be given for only one of these courses: L100, L104, E112, L112, or Q201.

**BIOL–E 111 Basic Biology by Examination I (3 cr.)** **N & M** Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of L111. Credit not given for both E111 and L111.

**BIOL–E 112 Basic Biology by Examination II (3 cr.)** **N & M** Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of L112. Credit given for only one of the following: L100, L104, E112, L112, or Q201.

**BIOL–H 111 Integrated Freshman Learning Experience I (4 cr.)** P: Acceptance to IFLE Project. **N & M** Intensive seminar/laboratory experience exploring the interdisciplinary nature of the modern life sciences. The course will revolve around a central question chosen by the students and will analyze how life scientists from biochemistry, cellular/molecular biology, and neuroscience might contribute to the common understanding of a fundamental problem. Credit given for only one of the following: H111, L104, L112, E112, L113, S115, Q201.

**BIOL–H 112 Integrated Freshman Learning Experience II (5 cr.)** P: Acceptance to IFLE Project, H111. **N & M** Continuation of H111. Intensive seminar/laboratory experience exploring the interdisciplinary nature of the modern life sciences. The course will revolve around a central question chosen by the students and will analyze how life scientists from biochemistry, cellular/molecular biology, and neuroscience might contribute to the common understanding of a fundamental problem. Credit given for only one of the following: H112, L112, L113.

**BIOL–L 111 Introduction to Biology: Evolution and Diversity (3 cr.)** For biology and other science majors. **N & M** For biology and other science majors. Preference will be given to freshmen and sophomores. Processes of evolution (selection, speciation, macroevolution, origin and early history of life) and organismal function (morphology, physiology, and behavior). Credit not given for both E111 and L111.

**BIOL–L 112 Introduction to Biology: Biological Mechanisms (3 cr.)** P: High school or college chemistry. For biology and other science majors. **N & M** For biological and other science majors. Preference will be given to freshmen and sophomores. Integrated picture of manner in which organisms at diverse levels of organization meet problems in maintaining and propagating life. Credit given for only one of the following: L100, L104, L112, E112, or Q201.

**BIOL–L 113 Biology Laboratory (3 cr.)** P: L112. R: L111. C: L112. **N & M** Laboratory experiments in various aspects of biology, with a focus on investigative logic and methods. Introduces aspects of cell biology, genetics, and evolutionary biology. Should not be taken during first semester of residence unless credit has been earned for both E111 and E112.

**BIOL–L 211 Molecular Biology (3 cr.)** P: L112 and CHEM C117. **N & M** Structure and function of DNA and RNA. DNA replication, mechanisms of mutation, repair, recombination, and transposition. Mechanisms and regulation of gene expression. The genetic code, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA. Credit given for only one of L211 or S211.

**BIOL–S 211 Molecular Biology, Honors (5 cr.)** P: L112 and CHEM C117. R: CHEM C341 concurrent. **N & M** Structure and function of DNA and RNA. DNA replication, mechanisms of mutation repair, recombination, and transposition, mechanisms and regulation of gene expression. The genetic code, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA. Course will be taught at an honors level. Credit given for only one of L211, S211, L323, or L324.

**BIOL–M 250 Microbiology (3 cr.)** P: Two semesters of college chemistry; M255 concurrently; L211 recommended prior or concurrently. **N & M** Application of fundamental principles to the study of microorganisms. Significance of microorganisms to humans and their environment.

**BIOL–M 255 Microbiology Laboratory (2 cr.)** P: M250 concurrently. Audio-tutorial laboratory of exercises and demonstrations to yield proficiency in principles and techniques of cultivation and utilization and microorganisms under aseptic techniques.

**BIOL–L 299 Career Directions in Biology: Jobs for Life Scientists (1 cr.)** P: Sophomore standing or above. Intended for biology, biotechnology, and microbiology majors. Focuses on identification of and preparation for life science career paths. Covers career information resources, resumes, cover letters, and application processes. Content includes interviewing skills, discussion of graduate and professional programs, careers in biology, personal assessment, and job search strategies. Not repeatable for credit.

**BIOL–B 300 Vascular Plants (4 cr.)** P: One introductory biology course. **N & M** Survey of the ferns, gymnosperms, and flowering plants, including their morphology, classification, ecology, evolution, and economic importance.

**BIOL–L 301 Information Literacy in Biology (1 cr.)** C: Enrollment in an upper-level biology lecture, field,

or laboratory course. Methods of information search and retrieval, critical evaluation of primary literature, and generation of technical writing skills necessary for research in biology. Work will focus on a topic chosen from an upper-level lecture, field, or laboratory course in which the student must be concurrently enrolled.

**BIOL–L 305 Project Laboratory in Molecular Biology and Genetics (3 cr.)** P: L211 or S211 or consent of instructor. Explore the different stages of scientific investigation by performing research using molecular biology and genetic techniques. Design and execute research projects under supervision of the instructor in a teaching laboratory setting on problems including mutant isolation, gene cloning, gene expression, protein localization, protein structure-function, cell division, cell differentiation, etc. A maximum of 12 credit hours between L305 and L490 may count toward graduation.

**BIOL–L 311 Genetics (3 cr.)** P: L211 or S211. Analysis of the mechanisms of inheritance, including developmental processes that lead to the construction of whole organisms and to the transmission to their offspring of specific genetic traits. Includes the principles of genetics and the analysis of mutations affecting development. Credit given for only one of L311 or S311.

**BIOL–S 311 Genetics, Honors (5 cr.)** P: L211 or S211. Principles governing the transmission of specific traits to the progeny of prokaryotes and eukaryotes including bacteria, viruses, fungi, higher plants, and animals. Analysis at the level of the individual and population; interactions between genetic constitution and environment; application to the study of development, human genetic diseases, and/or agricultural breeding. Course includes a laboratory. Credit given for only one of L311, S311, or L319.

**BIOL–L 312 Cell Biology (3 cr.)** P: L211. Current views of the structure and function of cellular organelles and components, with emphasis on the flow of information through the cell, the metabolism that supports cellular functions, and differences among different specialized cells. Current techniques will be stressed. Credit given for only one of L312 or L330.

**BIOL–L 313 Cell Biology Laboratory (3 cr.)** P: L113 and L211, or CHEM C342, or consent of instructor. R: BIOL L312, CHEM C484. Theory and techniques of experimental cell physiology. Enzyme purification using spectrophotometry, ion-exchange and gel-permeation chromatography, gel electrophoresis. Respiration and photosynthesis analyzed by cell fractionation, oxygen electrode, and radioactive tracer techniques.

**BIOL–L 317 Developmental Biology (3 cr.)** P: L311 or S311. Analysis of developmental processes that lead to the construction of whole organisms from single cells. Includes the principles of embryology and analysis of mutations affecting development.

**BIOL–L 318 Evolution (3 cr.)** P: L311 or S311. Provides a rigorous exploration of the theory of evolution—the conceptual core of biology. Topics include origins and history of life; the interplay of heredity and environment in shaping adaptations; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary

relationships among organisms. Credit not given for both L318 and S318, or both L318 and L479.

**BIOL–S 318 Evolution, Honors (4 cr.)** P: L311 or S311. Provides a rigorous exploration of the theory of evolution—the conceptual core of biology. Topics include origins and history of life; the interplay of heredity and environment in shaping adaptations; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary relationships among organisms. Credit not given for both L318 and S318, or both S318 and L479.

**BIOL–Z 318 Developmental Biology Laboratory (2 cr.)** P: L211, L311. P or C: L317. A laboratory about developing organisms, with emphasis on vertebrate embryology and organogenesis.

**BIOL–L 319 Genetics Laboratory (3 cr.)** P or C: L311. Experiments with plants, animals, bacteria, and viruses demonstrating fundamental genetic mechanisms. Credit given for only one of L319 or S311.

**BIOL–L 321 Principles of Immunology (3 cr.)** P: L211, and CHEM C101 or C117. R: L312. An introductory survey of the basic principles of immunology and their practical applications.

**BIOL–L 322 Writing Workshop in Biology (3 cr.)** P: L211. **N & M** Development of scientific writing styles and techniques to help students learn about complex phenomena, sharpen thought processes used in evaluating complicated data, and develop skills essential for communicating intricate ideas and concepts. Research reports will be regularly reviewed by the instructor, and in the context of cooperative learning groups.

**BIOL–L 323 Molecular Biology Laboratory (3 cr.)** P: L211. Manipulation and analysis of genes and genomes. Gene cloning and library screening. Gene amplification and disease diagnosis. Gene mapping and Southern blot analysis of complex genome structure. Credit given for only one of L323, L324, or S211.

**BIOL–L 324 Human Molecular Biology Laboratory (3 cr.)** P: L211 or consent of instructor. Theory and molecular biology techniques used to study the human genome and human genes. Students isolate DNA from their cells and apply current techniques for DNA fingerprinting of macro- and microsatellites, telomere length estimation, SNP and Alu polymorphism analysis, gene expression analysis, DNA sequencing, and computer analysis. Credit given for only one of L323, L324, or S211.

**BIOL–L 331 Introduction to Human Genetics (3 cr.)** P: A course in genetics. Principles of human genetics are presented. The emphasis is on new developments in the field afforded by present-day techniques in molecular biology. Among the topics considered are sex inheritance, molecular basis of genetic diseases, oncogenesis, and immune system structure.

**BIOL–M 350 Microbial Physiology and Biochemistry (3 cr.)** P: M250, M255, and CHEM C341. Intended for majors in microbiology, biology, or chemistry. Introduction to microbial biochemistry and physiology; nutrition, growth composition, and metabolism of selected bacteria.

**BIOL–B 351 Fungi (3 cr.)** P: L111 and L112. R: Junior or senior standing or consent of instructor. Morphology,

life histories, classification, genetics, physiology, development, ecology, medical and economic importance of fungi.

**BIOL–B 352 Fungi: Laboratory (2 cr.)** P or C: B351. R: Junior or senior standing or consent of instructor. Laboratory and field studies of fungi and their activities.

**BIOL–M 360 Microbial Physiology Laboratory (3 cr.)** P: M250, M255, and CHEM C341. Introduction to techniques for the fractionation, isolation, and purification of cellular components. Analysis of bacterial growth, enzyme purification, chromatographic analysis of proteins and other metabolites, gel electrophoresis and fermentation studies.

**BIOL–B 364 Summer Flowering Plants (4–5 cr.)** P: One introductory biology course. **N & M** For those desiring a broad, practical knowledge of common wild and cultivated plants. SS.

**BIOL–B 368 Ethnobotany (3 cr.)** P: L111. **N & M** Plants in relation to man with primary emphasis on food plants. Credit given for only one of L370 or B368.

**BIOL–B 371 Ecological Plant Physiology (3 cr.)** P: College chemistry and L111 and L112. The interrelationships among plant function and temperature, water supply, nutrient level, light quality, light quantity, gases, and other organisms.

**BIOL–B 373 Mechanisms of Plant Development (4 cr.)** P: L111, L211. Lecture and lab explore the physiological and molecular mechanisms controlling plant growth and development from germination to reproduction. Studies structural and functional relationships with an emphasis on how external stimuli like light, gravity, nutrition, and temperature affect gene activities and physiological processes that control growth.

**BIOL–Z 373 Entomology (3 cr.)** P: One introductory biology course. Insects, with emphasis on evolution, distribution, behavior, and structure.

**BIOL–Z 374 Invertebrate Zoology (3 cr.)** P: One introductory biology course. Ecology, evolution, and phylogeny of major invertebrate groups, with emphasis on current controversies and concepts.

**BIOL–M 375 Human Parasitology (4 cr.)** P: L111 and L112. Junior or senior standing or permission of instructor. Biology of human parasites focusing on their etiology, epidemiology, immunology, diagnosis, and treatment. Major groups of protozoa, helminths, and medically important arthropods covered. Lab presents both live and fixed materials complementing lecture.

**BIOL–Z 375 Invertebrate Zoology Laboratory (2 cr.)** P: One introductory biology course. Laboratory and field studies of invertebrates, with an emphasis on experiments with living specimens.

**BIOL–L 376 Biology of Birds (4 cr.)** P: L111 and L112. Avian systematics, distribution, evolution, ecology, and behavior, emphasis on migration and orientation, territoriality, communication, and reproductive behavior. Field trips will concentrate on identification, interpretation of behavior, and research methods. Intended for biology majors.

**BIOL–L 377 Biology of Amphibians and Reptiles (3 cr.)**

P: L111, L112, L113. An extensive study of amphibians and reptiles, including behavior, physiology, ecology, and evolution. Course will include a survey of world diversity, comparative dissections, field exercises, behavioral experiments, and review of the primary literature.

**BIOL–L 390 Learning Enhancement in Biology (1 cr.)**

Additional discussion, learning group, laboratory, or field experiences to accompany another course in biology. Offered as a corequisite for the other course. May be repeated for a maximum of 4 credit hours when taken with different corequisite courses.

**BIOL–Z 406 Vertebrate Zoology (5 cr.)** P: L111 and L112, junior or senior standing or consent of instructor. Morphology, evolution, adaptations, and general biology of vertebrates.

**BIOL–L 410 Topical Issues in Biology (2–3 cr.)** P: L111, L112, and L113. Topics not related extensively in other courses. The topic will vary depending on the instructor and on student needs. May be repeated once with a different topic for a maximum of 6 credit hours.

**BIOL–M 416 Biology of AIDS (3 cr.)** P: L311 or L312. A detailed examination of the biology of acquired immune deficiency syndrome (AIDS), its causative agent (HIV), the immune response, and available therapies. For senior biology or biochemistry majors or beginning graduate students.

**BIOL–M 430 Virology Lecture (3 cr.)** P: L211. R: L311 and L312. **N & M** Viruses of plants, animals (including humans), and bacteria; emphasis on molecular biology of viral systems. Viruses and human disease such as cancer and AIDS; viruses and their evolution.

**BIOL–L 433 Tropical Biology (3 cr.)** Field course taught in a tropical area overseas. Topics center on ecology and evolution and may include plants and animals, their interactions in rain forests, seasonally dry forests and mangroves, cloud forests, marine biology, marine/land interface, coral physiology, and reef development. Requires detailed field journal and other projects on areas visited. May not be repeated for credit.

**BIOL–M 435 Viral Tissue Culture Laboratory (3 cr.)** P or C: M430 or consent of instructor. Laboratory techniques in phage, viruses, and tissue culture.

**BIOL–L 440 Introduction to Biotechnology (3 cr.)** P: L211 or consent of instructor. **N & M** Lecture will cover topics central to biotechnology and the biotechnological industry, including industrial organisms, recombinant DNA techniques, protein isolation and assay, genetic and molecular identification of therapeutic targets, development of therapeutics, bioinformatics, intellectual property, biotechnology companies, and regulatory issues.

**BIOL–M 440 Medical Microbiology: Lecture (3 cr.)** P: BIOL L211. R: BIOL M250, M255. Microorganisms as agents of disease; host-parasite relationships; epidemiology; chemotherapy. Credit given for only one of M440 or M200.

**BIOL–M 445 Medical Microbiology: Laboratory (3 cr.)** P: M255 and M440, which may be taken concurrently. Laboratory methods of isolation and identification of

microorganisms from normal and simulated disease conditions of the human.

**BIOL–M 460 Biology of the Prokaryotes (3 cr.)** P: M250 and M350 or CHEM C483. Nutritional, physiological, and cultural properties of the major groups of nonpathogenic bacteria and their relationships as revealed by modern taxonomic methods.

**BIOL–Z 460 Ethology (3 cr.)** P: Senior or graduate standing in psychology or biology and consent of instructor. Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved in the causation of species-typical behavior of animals (protozoa–primates) in their natural environment.

**BIOL–L 465 Advanced Field Biology (3 cr.)** P: L473 or equivalent and consent of instructor. Lectures and two to three weeks of fieldwork on various problems of ecosystem structure and dynamics. Quantitative comparisons will be made of ecosystems in several different environments. May be repeated once for credit. SS.

**BIOL–M 465 Biology of the Prokaryotes: Laboratory (3 cr.)** P: M255. P or C: M460. Isolation and study of members of the major groups of non-pathogenic bacteria. Selected physiological experiments.

**BIOL–Z 466 Endocrinology (3 cr.)** P: L211. R: CHEM C341. Mechanisms of hormone action from the molecular to the organismal level in vertebrates.

**BIOL–Z 469 Endocrinology Laboratory (2 cr.)** P: BIOL L211. R: BIOL Z466 and L312. Survey of various endocrine systems using molecular, cellular, and whole organism methodologies. Emphasis on structure, function, and regulation of endocrine glands and cells, and their roles in maintaining homeostasis within the organism.

**BIOL–L 472 Microbial Ecology (3 cr.)** P: Junior standing in biology. Principles of microbial ecology with emphasis on the population, community, and ecosystem ecology of bacteria and fungi.

**BIOL–L 473 Ecology (3 cr.)** P: L111. R: L318. Major concepts of ecology for science majors; relation of individual organisms to their environment, population ecology, structure and function of ecosystems. Credit not given for both L473 and L479.

**BIOL–L 474 Field and Laboratory Ecology (2 cr.)** P: L111. R: L473 or concurrent. Introduction to research problems and techniques in the ecology of individuals, populations, and ecosystems.

**BIOL–Z 476 Biology of Fishes (3 cr.)** P: L111, L112, and L113. An in-depth study of the anatomy, physiology, evolution, behavior, and diversity of fishes. Course includes comparisons among fish taxa and other vertebrate taxa, evaluation of primary literature, dissection and classification techniques, behavioral and ecological experiments, and fieldwork.

**BIOL–L 479 Evolution and Ecology (4 cr.)** P: L311. Evolution and ecology for science majors. Origin of life; physical environment and the individual; population ecology and population genetics; species interactions; community organization; development, structure, and

function of ecosystems. Credit given for only one of L318, S318, L473 or L479.

**BIOL–M 480 Microbial and Molecular Genetics (3 cr.)**

P: L211 and M250-M255 or consent of instructor. Analysis of the molecular genetics of *Escherichia coli* and its heritable elements. Will include the genetics of other microorganisms as well as molecular cloning.

**BIOL–M 485 Microbial and Molecular Genetics**

**Laboratory (3 cr.)** P: M480. C: M480. The genetics of *Escherichia coli* and its viruses. Techniques include transformation, mutation, bacterial recombination, transduction, transposition, molecular cloning, restriction mapping, Southern blotting, and other recombinant DNA techniques.

**BIOL–L 490 Individual Study (arr.; 12 max. cr.)**

P: Overall GPA 2.500 or above and written permission of faculty member supervising research. Must present oral report to complete more than 6 credit hours. Must complete a written assignment as evidence of each semester's work. Must present oral report to complete more than 6 credit hours. Section authorization. Maximum of 6 credits allowed for summer internships/research.

**BIOL–S 495 Honors Thesis Research (1 cr.)**

P: 3.300 GPA or higher, permission of department, and research involvement. Required for honors notation. Students must complete at least 5 credit hours of L490 plus S495 over a minimum of two semesters or over one semester and one full summer. Required for honors notation. Students must complete at least 5 credit hours of L490 plus S495 over a minimum of two semesters or over one semester and one full summer. Thesis committee must approve the thesis to receive honors.

**BIOL–L 499 Internship in Biology Instruction (3 cr.)**

P: Consent of departmental chairperson. Supervised experience in teaching undergraduate biology course. May be repeated once for credit.

**BIOL–P 451 Integrative Human Physiology (4 cr.)**

P: Consent of departmental chairperson. Intended for the junior or senior science major. Course in human physiology designed to introduce the senior undergraduate student to the function of the human body in health, disease, and extreme environments. Emphasizes how the different organ systems work to maintain homeostasis and how organ function is integrated. The content and key concepts are presented in order to provide students insight into the scientific process through problem-solving and exploration of resources. Utilizes experimental inquiry, case-based and problem-oriented methodology with students working in teams, and an emphasis on clinical application. The laboratory component is incorporated into the structure of the course.

**Related Courses in Medical Sciences**

These courses are acceptable for biological sciences in the College of Arts and Sciences distribution requirement, but do not count in the biology major.

**MSCI–M 131 Disease and the Human Body (3 cr.)**

**N & M** Suitable for non-science majors at all levels. Basic science knowledge is advantageous but not necessary. This course is team-taught by Medical Sciences faculty. Provided will be a description of a disease or injury and a discussion of the normal anatomy and physiology of

relevant body systems and the alterations that are due to the disease or injury. Included will be various drug and other medical interventions that can be used to diagnose and treat the diseases and injuries. The format consists primarily of lectures with some interactive demonstrations. Four objective exams are scheduled throughout the semester, and standard grading policies are utilized. No text is required, and extensive handouts are provided.

**ANAT–A 215 Basic Human Anatomy (5 cr.) N & M**

*Intended for science majors and not recommended for first-semester freshmen.* An organ-systems approach to the study of the human body, including microscopic and gross structure. The course starts with an introduction to basic cell structure and tissue construction, and continues with the coverage of all human systems with emphasis on the musculoskeletal system, cardiovascular, reproductive, and nervous systems. Bones, models, and prosected cadavers are used to study these topics concurrently in the laboratory.

**PHSY–P 215 Basic Human Physiology (5 cr.) N & M**

*Intended for science majors and not recommended for first-semester freshmen.* An organ-systems approach to the study of human body function. Presentation begins with basic cell function and communication systems of the body, progressing to control systems, defense mechanisms, transport, gas exchange, and balancing of nutrients, water, and electrolytes. Focus for the course is on how organ systems contribute to essential metabolic activity and the maintenance of homeostasis. The laboratory emphasizes the application of material presented during lecture and is a required part of this course.

**MSCI–M 216 Medical Science of Psychoactive Drugs (3 cr.) N & M**

An entry-level examination of the biological mechanisms underlying the effects of psychoactive drugs. Drug actions in the brain, spinal cord, heart, lungs, liver and other organs and tissues will be detailed. Molecular mechanisms and genetic factors involved in drug-induced therapeutic and adverse effects will be emphasized.

**Courses for a Degree in Biotechnology—B.S.**

**BIOL–T 301 Seminar in Biotechnology (1 cr.)**

P: Junior or senior standing, or permission of the instructor. Outside speakers from the biotechnology industry present students with the latest research developments, information about career opportunities, and internship possibilities. Students will write a paper on each seminar, discussing what they have learned and how this knowledge affects their career decisions. May be repeated for a maximum of 4 credit hours.

**BIOL–T 310 Biotechnology Lecture (3 cr.)**

P: L211. C: T315. Application of microbial diversity in biotechnology; synthesis of macromolecules; principles of gene expressions; gene cloning; protein engineering, overexpression and purification; genomics; proteomics; bioinformatics.

**BIOL–T 312 Societal Issues in Biotechnology (3 cr.)**

P: L211. Consideration of the effects of recent advances in biotechnology on human affairs and the environment.

**BIOL–T 315 Biotechnology Laboratory (3 cr.)**

P: L211. C: T310. Students use a problem-based approach to gene cloning; for example, cloning the gene for an industrially important enzyme,  $\alpha$ -amylase from *Bacillus licheniformis*.

In this example, students would purify  $\alpha$ -amylase from *Bacillus licheniformis* and affinity-tagged  $\alpha$ -amylase overproduction clone for purification and compare the activity of the purified proteins.

**BIOL-T 322 Biotechnology Writing and Communication (3 cr.)** P: Completion of the English composition requirement, and BIOL L211 or M255 or CHEM C343. Students learn oral and written scientific communications as appropriate in biotechnology. Topics include figures and tables, technical talks, reading and writing scientific publications, and writing industrial-style documents, including standard operating procedures and study protocols. Peer and instructor review will aid learning.

**BIOL-T 415 Theory and Applications of Biotechnology Laboratory I (3 cr.)** P: One of the following: L319, L323, L324, L373, T315. In-depth application of advanced laboratory techniques currently used in biotechnology. Course is divided into three modules, each emphasizing a specific discipline within biotechnology. General laboratory techniques are taught in all modules.

### Courses for Programs Outside the Department of Biology

Because these courses are presented as contributions to programs or curricula outside the Department of Biology, they cannot be applied toward requirements for majors in biology nor toward the distribution requirements of the College.

**BIOL-M 200 Microorganisms in Nature and Disease (3 cr.)** P: High school chemistry and biology. Principles of microbiology, including study of major microbial groups; cultivation, physiology, and genetics; destruction and control of microbial life; activities of microorganisms in nature and disease. For students in programs requiring only one semester of microbiology (not premedical or medical technology students). No credit in this course for students who have already passed M440.

**BIOL-Q 201 Biological Science for Elementary Teachers (3 cr.)** P: Q200. An introduction to the principles and practice of biology designed especially for prospective elementary education teachers. All major areas of biology will be considered, with a concluding emphasis on the relations between various organisms and their environment. Credit given for only one of Q201, L100, L104, E112, L112.

**BIOL-M 215 Microorganism Laboratory (1 cr.)** P: M200 concurrently. Introduction to basic techniques and procedures of microbiology laboratories. Emphasis on aspects deemed useful to nursing students. Growth and transfer of living microorganisms, aseptic techniques, and the staining and identification of bacteria. Audio-tutorial format. Enrollment preference given to nursing students.

### Related Non-College of Arts and Sciences Courses

These courses are acceptable for credit in biology.

### Medical Sciences

**PHSL-P 416 Comparative Animal Physiology (3 cr.)** Intended for junior and senior science majors. Principles of physiology are explored in a comparative animal context. Function of the respiratory, circulatory, excretory, and related systems will be examined. Examples of unusual

vertebrate and invertebrate function will be used to illustrate basic and comparative physiological principles.

**PHSL-P 421 Biophysical Principles in Physiology (3 cr.)** Permission of instructor required. Intended for junior and senior science majors. Permission of instructor required. This course offers an organ-systems approach to the study of biophysical principles governing human body function. Lectures provide a broad survey of the communication and control systems of the body, defense mechanisms, transport, gas exchange, and balancing of nutrients, water, and electrolytes. Problem-solving skills, critical evaluation of data, and exploration of research and resources in the study of physiology will be emphasized in this course.

**PHSL-P 460 Anatomy of the Ear and Vocal Organs (3 cr.)** P: Consent of instructor. Development and structure of face, nasal cavities, mouth, palate, pharynx, larynx, ear, and related portions of respiratory and nervous systems.

**ANAT-A 464 Human Tissue Biology (4 cr.)** Intended for junior and senior science majors. This course analyzes the structure and activities of the cells that make up the human body. The course begins with an overview of the animal cell, concentrating on aspects of cellular morphology important for biochemical functions. Fundamental types of distinct multicellular tissues, including connective, epithelial, muscular, and nervous tissues are then described at the light and electron microscopic level, emphasizing the functional significance of the structural features. After the basic tissue types are understood, the various organ systems of the body are discussed, again primarily with regard to how their tissue composition and arrangement mediate their diverse functions. Each lecture is followed by a laboratory session devoted to the same topic in which students examine and study the relevant cells, tissues, and organs using the light microscope and electron micrograph preparations. *Note: A464 counts toward the minimum 25 College of Arts and Sciences credit hours required in the major, even though it is a non-College course.*

**MSCI-M 470 Mechanisms of Human Disease (3 cr.)** P: Intended for junior and senior science majors; One introductory biology course. R: L211. The course will examine the epidemiology, mechanisms of injury, and social impact of selected infectious diseases introduced by Europeans and Africans into New World Native Populations. We will consider the genetic diversity of New World Native Americans at the time of European contact and investigate the emergence and evolution of selected infectious diseases such as measles, smallpox, influenza, tuberculosis, and syphilis. We will investigate selected New World epidemics using historic documents and archaeological and anthropological sources.

### School of Public and Environmental Affairs (SPEA)

**SPEA-E 400 Topics in Environmental Studies (3 cr.)** P: SPEA E272. For biology majors, Coral Reef Ecology as a "Field Techniques in Ecology" course only.

**SPEA-E 455 Limnology (4 cr.)** P: College chemistry and biology or permission of instructor. Limnology is the ecology of inland lakes and streams, combining the principles of biology, chemistry, geology, and physics to understand how they function. The effects of human



perturbation on aquatic systems will be highlighted in both lectures and laboratory work to aid student understanding of the concepts involved. Credit given for only one of E455 or E457.

**SPEA-E 457 Introduction to Conservation Biology (3 cr.)** P: A 300-level ecology course. Ecological principles associated with rare species and with biodiversity, laws and statutes used to conserve biodiversity, and land and species management practices. The aim is to understand scientific and political complexities of conservation biology and to study different methods used to conserve living resources and resolve conflicts associated with conservation. Credit given for only one of E455 or E457.

#### Related College of Arts and Sciences Courses

These courses are acceptable for credit in biology.

#### Chemistry

**CHEM-C 483 Biological Chemistry (3 cr.)** P: C342 or S342 or R340. **N & M** Introduction to structure, chemical properties, and interrelationships of biological substances. Credit given for only one of C483 or C484-C485.

**CHEM-C 484 Biomolecules and Catabolism (3 cr.)** P: C342 or S342. **N & M** Structure and function of cellular components and the generation of phosphate-bond energy. Credit given for only one of C484-C485 or C483.

#### Psychological and Brain Sciences

**PSY-P 466 Molecular and Cellular Neurobiology (3 cr.)** P: P326 or P346. **N & M** Introduction to the cellular and molecular processes that give the nervous system its unique character. Covers the cell biology of neurons and glia and mechanisms of synaptic plasticity. Examines the genetic and molecular approaches to the biological basis for higher brain functions such as learning and memory.

### Honors Courses

In order to provide opportunities and challenges for superior students, the department offers honors courses equivalent to its main courses and designated with an "S." These small-enrollment courses offer tightly integrated lecture and laboratory experiences that include an experimental approach and a quantitative orientation, in addition to covering the basic material taught in the regular courses. Candidates for an honors degree (see information above) need not necessarily take these courses but would clearly benefit from them.

### Outside Courses for Biology Majors

Biology majors may want to consider the following courses, which could be included in their degree program as courses outside the College of Arts and Sciences (see "Courses Outside the College of Arts and Sciences" section). A student may include up to 22 credit hours of appropriate courses from outside the College of Arts and Sciences in the minimum of 122 hours required for graduation.

#### School of Public and Environmental Affairs

- E410 Introduction to Environmental Toxicology (3 cr.)
- E440 Wetlands: Biology and Regulation (3 cr.)
- E460 Fisheries and Wildlife Management (3 cr.)
- E461 Fisheries and Wildlife Management (3 cr.)
- E475 Techniques of Environmental Science (3 cr.)

**Please note:** In partial completion of degree requirements, all College of Arts and Sciences students must have a minimum of 25 credit hours of College of Arts and Sciences work in their major. The courses listed above do not count toward the completion of those 25 credit hours, nor do they count for Biology upper lecture or laboratory credit.

For a list of Biology lectures and labs, please consult the department Web site: <http://www.bio.indiana.edu/>

## Central Eurasian Studies

### Introduction

The Department of Central Eurasian Studies (CEUS) covers the peoples of the Central Eurasian steppes, the northern forests, and the mountains from Turkey and Iran to Tibet. Central Eurasian peoples belong to four language groups: Uralic, Altaic, Iranian, and Tibetan. The Silk Road, the Mongol conquest, the Dalai Lamas, the Iranian kings and prophets, and the ancient folklore of Europe's eastern fringe are all covered in this department.

Students may count most of the department's courses toward such specific requirements of the College's bachelor's degree as distribution in arts and humanities or social and historical studies, culture studies, and foreign language.

Two-year sequences are offered in the following languages: Finnish, Estonian, and Hungarian in the Uralic family; Turkish, Mongolian, Uzbek, and Uyghur in the Altaic family; Persian and Pashto in the Iranian family; and Tibetan. The Altaic languages of Azerbaijani, Kazakh, and Turkmen, and the Iranian language Tajik are regularly offered in two-year sequences during summers. Kyrgyz, an Altaic language, is also offered on an occasional basis. Students should contact the department for information about language offerings.

### Contact Information

Central Eurasian Studies Department  
Indiana University  
Goodbody Hall 157  
1011 E. Third Street  
Bloomington, IN 47405

(812) 855-2398  
[ceus@indiana.edu](mailto:ceus@indiana.edu)

<http://www.indiana.edu/~ceus/>

### Faculty

#### Chairperson

- Christopher P. Atwood

#### Hungarian Chair

- Balázs Ablonczy

#### Ottoman and Modern Turkish Studies Professor

- Kemal Silay

#### Professors

- Christopher Beckwith
- Jamsheed Choksy
- Devin DeWeese
- William Fierman

- György Kara
- Toivo U. Raun
- M. Nazif Shahrani
- Kemal Silay

#### Associate Professors

- Christopher Atwood
- Paul Losensky
- Elliot Sperling

#### Assistant Professors

- Gardner Bovingdon
- H. Erdem Çipa
- Lynn Hooker
- Ron Sela

#### Distinguished Professor Emeritus

- Denis Sinor

#### Professors Emeriti

- İlhan Basgoz
- Gustav Bayerle
- Yuri Bregel
- Mihály Szegedy-Maszák

#### Adjunct Professors

- Hans Peter Ibold (Journalism)
- Christiane Gruber (Fine Arts)
- Matthias Lehmann (History)
- Richard Nance (Religious Studies)

#### Senior Lecturers

- Shahyar Daneshgar
- Roman Zlotin

#### John D. Soper Lecturer

- Malik Hodjaev

#### Lecturers

- H. Tapio Hokkanen
- Tserenchunt Legden
- Gulnisa Nazarova
- Gedun Rabsal
- Valeria Varga

#### Academic Specialist

- Edward Lazzerini

#### Distinguished Scholars in Residence

- Ajia L. Jumai Gyatso, Rinpoche

#### Librarian

- Akram Khabibullaev

#### Director of Graduate Studies

- Paul Losensky

#### Director of Undergraduate Studies

- H. Erdem Çipa

#### Academic Advising

- Jim Brown, Kirkwood Hall 012, (812) 855-8245

## Minor in Central Eurasian Studies

### Requirements

Students must complete at least 15 credit hours of CEUS or cross-listed courses, selected in consultation with the CEUS director of undergraduate studies, with a minimum

GPA of 2.000. A minimum of 6 credit hours must be at the 300 level or above, and at least 8 credit hours of CEUS courses must be taken at the Bloomington campus. No more than 6 credit hours of non-CEUS cross-listed courses will be counted toward the minor.

## Minor in Central Eurasian Studies with Language Certification

### Requirements

Students must complete at least 15 credit hours of CEUS or cross-listed courses, selected in consultation with the CEUS director of undergraduate studies, with a minimum GPA of 2.000, including:

1. At least 6 credit hours in a CEUS language beyond the introductory level
2. At least 6 credit hours in non-language CEUS or cross-listed courses

A minimum of 6 credit hours must be at the 300 level or above, and at least 8 credit hours of CEUS courses must be taken at the Bloomington campus. No more than 6 credit hours of non-CEUS cross-listed courses will be counted toward the minor.

## Course Descriptions

### History, Civilization, or Other Culture Courses

#### CEUS–R 191 Introduction to Central Eurasia (3 cr.)

P: Open only to freshmen and sophomores or by consent of instructor. **S & H** Introduction to the history of the traditional Central Eurasian ("Inner Asian") peoples through lecture and film. Topics include Proto-Indo-Europeans, Silk Road, Attila, steppe empires, Dalai Lama, Manchu and Russian relations, and the re-emergence of Central Eurasia in the late twentieth century. Extensive use of films. Credit given for only one of R191 or U190.

#### CEUS–R 192 Oil, Islam, and Geopolitics (3 cr.) **S & H**

Introduction to the politics of modern Central Asia, including Afghanistan and Pakistan, with reference to the timely themes of energy politics, global Islam, and geopolitics.

#### CEUS–R 193 Empire of the Mongols (3 cr.) **S & H**

The Mongol empire was the world's largest land empire, covering China, Tibet, Korea, Central Asia, Iran, Turkey, and Russia. Introduction to the rise, breakup, and fall of the empire, the military and political skills of the great Mongols who built it, and the nomadic culture of the grasslands.

#### CEUS–R 199 Introductory Topics in Central Eurasian Studies (1–4 cr.)

Variable title course for introductory topics in Central Eurasian studies. May be repeated with a different topic for a maximum of 9 credit hours in R199 and U320.

#### CEUS–R 250 Introduction to the Ancient Near East (3 cr.) **S & H, CSA**

Introduction to ancient Near Eastern and Central Asian cultures. Begins with early farming communities around 8000 B.C. and includes the Bronze Age and Iron Age kingdoms of Assyria, Babylonia, Iran, and Central Asia and the spread of Hellenism. Architectural and textual information used with visual aids. Credit given for only one of R250, U254, or NELC N245.

**CEUS-R 251 Post-Taliban Afghanistan and the War on Terror (3 cr.) S & H, CSA** The September 11, 2001, attacks prompted the on-going "War on Terrorism" against Taliban-controlled Afghanistan. This course examines this conflict while focusing on Afghanistan as a multi-ethnic modern nation-state, ravaged by a century of internal colonialism, and most recently by foreign invasions, proxy wars, and global terrorism.

**CEUS-R 260 The Great Wall of China (3 cr.) S & H** Everyone knows of the Great Wall of China, but few know the real role walls played in China's strategy and defense against the nomads of Mongolia. This class introduces students to when, how, and why the wall was built and to the complex relations between China and the nomads.

**CEUS-R 270 The Civilization of Tibet (3 cr.) S & H, CSA** Introduction to the diverse aspects of Tibetan civilization. Making extensive use of slides and other audiovisual materials, the course covers such topics as Tibet's literature, art, religion, society, history, and language. Strongly recommended for undergraduates intending to take higher-level courses in Tibetan studies. Credit given for only one of R270 or U284.

**CEUS-R 281 Turkish Literature in Translation (3 cr.)** Introduction to Turkish literature in translation, including Ottoman court literature, Turkish epic and troubador poetry, and modern and contemporary Turkish literature. No previous knowledge of the Turkish language or its literature is required, but familiarity with Turkish or Middle Eastern literary traditions is helpful.

**CEUS-R 291 Inner Asian Religious Beliefs (3 cr.) A & H, CSA** Describes the diverse religious beliefs of Inner Asia (oasis Central Asia, Turkic nomads, Mongolia, Tibet), focusing on Islam, Buddhism, and native religions. Topics include world religions on the Silk Road, Islamic and Buddhist conversions, native religions and "shamanism," revivalist and modernizing movements, Communist and post-Communist liberalization. Credit given for only one of R291 or U292.

**CEUS-R 293 Religion and Revolutions in Europe and Asia (3 cr.) S & H** Explores tensions between religion dogma and freedom of thought and between, on the one hand, religious values and institutions and, on the other, secular states. Uses case studies of revolutions in France, Russia, Turkey, Iran, and South Asia.

**CEUS-R 299 Intermediate Topics in Central Eurasian Studies (1-4 cr.)** Variable title course for intermediate topics in Central Eurasian studies. May be repeated with a different topic for a maximum of 9 credit hours in R299 and U320.

**CEUS-R 302 Finland in the Twentieth Century (3 cr.) S & H** In-depth study of modern Finnish history, stressing Russification; 1905 Revolution; independence; interwar period, the Winter War and the Continuation War; "Finlandization," economic miracle, and welfare state; changing role of women; Finland as part of Scandinavia; literature, art, and music; and membership in the European Union. Credit given for only one of R302 or U333.

**CEUS-R 304 Modern Finnish Literature (3 cr.)** Examination of major works of modern Finnish literature in translation. Themes include urbanization, industrialization,

independence, the individual and society, alcoholism, "the sixties," role of women, and influence of fine arts, music, performing arts, and film.

**CEUS-R 309 Topics in Baltic-Finnish Studies (3 cr.)** Variable title course for topics in Baltic-Finnish studies. May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 310 Introduction to Central Asian History (3 cr.) S & H** Explores Central Asia's role in world history, in Islam, and as a link between East Asia, South Asia, the Middle East, and Eastern Europe. Readings in English translation.

**CEUS-R 311 Travelers and Explorers in Central Asia (3 cr.)** Charts the exploration of Central Asia from China to Iran in the eighth through the nineteenth centuries. Uses primary sources in English translation to evaluate these travelogues as sources, comparing and contrasting medieval and modern, from insider and outsider perspectives.

**CEUS-R 312 Shrine and Pilgrimage in Central Asian Islam (3 cr.) A & H, CSA** Surveys religious beliefs and activities involving shrines and pilgrimage to holy places in Muslim Central Asia, from beginning to present. Broadens understanding of how shrines served the religious needs of Central Asian Muslims and the relationship between shrine-centered religious life and "normative" religious practice. Credit given for only one of R312 or U392.

**CEUS-R 313 Islam in Soviet Union and Successor States (3 cr.) A & H, CSA** Surveys Islam and Muslim communities in areas of the former U.S.S.R. After basic coverage of Islam, Russian expansion, and their interaction, the course focuses on the pressures experienced by and exerted by Islam as a religion and socio-cultural system, with attention to religious life's adaptations to the Soviet and post-Soviet context. Credit given for only one of R313 or U394.

**CEUS-R 314 Islamization in Inner Asia (3 cr.) A & H, CSA** Examines the distinctive character of Islam in Inner Asia, including religious change and "conversion," and geographic, ethnic, and political contexts. Explores cases of Islamization, emphasizing indigenous accounts and their significance in Islamic and Inner Asian patterns of religious meaning and ritual.

**CEUS-R 315 Politics and Society in Central Asia (3 cr.) S & H, CSA** An introduction to Central Eurasia, especially the former Soviet Union, focusing on the 1980s and beyond. Main topics are politics, society, and economy; others include demography, Islam, women, and foreign policy. Credit given for only one of R315 or U395.

**CEUS-R 316 Peoples and Cultures of Central Asia (3 cr.) S & H, CSA** Anthropology of former Soviet Central Asia and adjacent areas of Iran and Afghanistan. Topics include ecology, ethnohistory, subsistence traditions; kinship, gender, identities; religion; transformations under Russia, Iran, Afghanistan, and the war on terrorism. No previous knowledge presumed; background in anthropology helpful. Credit given for only one of R316, U398, or ANTH E398.

**CEUS-R 329 Topics in Central Asian Studies (3 cr.)** Variable title course for topics in Central Asian studies.

May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 330 Politics in Modern Xinjiang (3 cr.)**

Exploration of Xinjiang's politics from 1900 to the present, focusing on Islam, identity politics, immigration, language battles, cultural resistance, the Production and Construction Corps, political economy, and oil.

**CEUS-R 331 Grave Robbers, Missionaries, and Spies: Foreign Adventurers in Chinese Turkestan (3 cr.)**

From the nineteenth to the mid-twentieth centuries, the mysteries of Xinjiang (Chinese Turkestan) lured outsiders: missionaries, archaeologists, treasure hunters, adventurers, scouts, officials, and outright spies. Fortunately, many left readable accounts of their discoveries through which readers can explore both the region's attraction to outsiders and outsider influence on the region.

**CEUS-R 332 History of Xinjiang to 1911 (3 cr.)**

Introduction to the tumultuous history of Xinjiang, geographically part of Central Asia, but now under Chinese rule. Covers cultural, ethnic, religious, and geopolitical changes to 1911. Topics include ecology and economy; Uyghur, Chinese, Mongol, and Manchu empires; Islamization; the Jadidist movement; and stirrings of nationalism.

**CEUS-R 333 Cultures and Civilization of Xinjiang (3 cr.)**

Surveys Xinjiang (Chinese Turkestan) from prehistory to today: material life, languages, literature, arts, and religion. Considers the "mummy controversy," Xinjiang on the so-called Silk Road, Islamization, and cultural diversity today. Themes include cultural borrowing, "clash of civilization," and the politics of multiculturalism.

**CEUS-R 340 Introduction to Hungarian Studies (3 cr.)**

**CSA** Introduction to major issues in Hungarian studies from the migration to the present. After a geographic survey, explores issues in Hungarian identity, with particular attention to issues of ethnicity, religion, and culture, both high and low.

**CEUS-R 342 Roma (Gypsy) History and Culture (3 cr.)**

**S & H, CSA** Europe's largest minority, the so-called "Gypsies," more properly the Roma, have been killed, hunted, and reviled; yet the exotic flavoring of "Gypsiness" has fascinated writers, artists, and composers. Surveys Roma history and representations. No background in East European studies, music, or film is required; readings are in English.

**CEUS-R 349 Topics in Hungarian Studies (1-4 cr.)**

Variable title course for topics in Hungarian studies. May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 351 Prophets, Poets, and Kings: Iranian Civilization (3 cr.)**

**S & H, CSA** Traces the history of Iranians from ancient times through the Arab conquest to today. Focuses on institutions, religious, secular and ecclesiastic hierarchies, minorities, devotional and communal change, and Iranian influences on Islam. Visual and archaeological aids used. No previous knowledge of subject matter required. Credit given for only one of R351 or U311.

**CEUS-R 352 Peoples and Cultures of the Middle East (3 cr.)**

**S & H, CSA** Ethnographic survey examines the

social institutions and cultural forms in contemporary Middle Eastern societies (i.e., the Arab world, Israel, Turkey, Iran, and Afghanistan). Topics include ecology; Islam; pastoral nomadism; agriculture and cities; colonialism and nation-states; tribalism, ethnicity, and gender; and modernization, oil wealth, labor migration, and social unrest. Credit given for only one of CEUS R352, CEUS U397, ANTH E397, or NELC N397.

**CEUS-R 354 Persian Literature in Translation (3 cr.)**

**A & H, CSA** Study and analysis of selected readings from Persian literature in English translation. May concentrate on a particular theme, period, or author. Special attention paid to the historical and cultural contexts of the works, as well as problems in translation, critical analysis, and interpretation. May be repeated with a different topic for a maximum of 6 credit hours in R354, U372, and NELC N380.

**CEUS-R 359 Topics in Iranian Studies (3 cr.)**

Variable title course for topics in Iranian studies. May be repeated with a different topic for a maximum of 9 credit hours in R359 and U399.

**CEUS-R 360 Modern Mongolia (3 cr.)**

**S & H, CSA** Examines Mongolia's turbulent history from independence from China's last dynasty in 1911 through theocracy, revolution, and communism to today's market democracy. Also focuses on social, economic, cultural, and demographic changes. No prerequisite. Credit given for only one of R360 or U469.

**CEUS-R 361 Mongolia's Middle Ages (3 cr.)**

**S & H** Examination of Mongolia's "middle ages" between the Mongol world empire and the modern era, 1350 to 1850. Topics include the nobility, Oirats, Buddhist conversion, Manchu-Chinese rule, and Buriats and Kalmyks in Russia. Readings include modern histories and sources in translation.

**CEUS-R 362 Mongolian Civilization and Folk Culture (3 cr.)**

Introduction to Mongolian traditional civilization: material culture (dwelling, clothing, food, warfare, hunting, animal husbandry, crafts, agriculture.), social and spiritual life (kinship, wedding, birth, names, childhood, races, medicine, death, folk religion, Buddhism, shamanism, values and taboos, omens), folk arts (music, oral literature, dance). Knowledge of Mongolian not required.

**CEUS-R 364 Shamanism and Folk Religion of the Mongols (3 cr.)**

Examination of shamanism and its role in Mongol communities. Is it a religion? What is its relation to folk beliefs and world religions? Who becomes a shaman or shamaness? What skills, tools, and techniques are necessary? Knowledge of Mongolian not required.

**CEUS-R 369 Topics in Mongolian Studies (3 cr.)**

Variable title course for topics in Mongolian studies. May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 370 Introduction to the History of Tibet (3 cr.)**

**S & H, CSA** Survey of Tibet's history from its beginning to present. Studies facets of Tibet's history including the Tibetan empire of the seventh to ninth centuries, the impact of Buddhism, Tibet's relations with neighboring peoples, the rise of the Dalai Lama, and current issues of Tibet. Credit given for only one of R370 or U483.

**CEUS-R 371 Tibet and the West (3 cr.) S & H, CSA**  
Examines Western perception of Tibet during the past 700 years and compares Tibetan civilization with popular conceptions that prevailed in the West during corresponding periods. Subjects include Tibet as "Shangri-La," reflected in such novels and films as *Lost Horizon*, along with Tibetan perceptions of Westerners and Western civilization. Credit given for only one of R371 or U489.

**CEUS-R 372 Sino-Tibetan Relations (3 cr.) S & H, CSA**  
Surveys interaction between Tibet and China from beginnings to the present, touching on political, cultural, economic, and religious links. Areas explored include the rise of Tibet as a dynamic empire competing with Tang China, religious links between Tibetan hierarchs and Chinese rulers, and conflict over Tibet's incorporation into China. Credit given for only one of R372 or U490.

**CEUS-R 373 The Religions of Tibet (3 cr.) A & H**  
Surveys the history of Tibetan religions and their impact on Tibetan society and culture. Considers interactions between religions and politics and how they shaped public lifestyles, inspired movements, and molded identity through the centuries. Coverage is both chronological and thematic. Credit given for only one of R373 or U484.

**CEUS-R 379 Topics in Tibetan Studies (3 cr.)** Variable title course for topics in Tibetan studies. May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 380 Literature of the Ottoman Court in Translation (3 cr.)** Reading and analysis of representative literary texts of the Ottoman court—both poetry and prose. Introduction to various literary forms, such as gazel, kaside, mesnevi, tezkire and others, used by Ottoman authors. Uses the classical Ottoman canon as well as modern and contemporary theoretical approaches for interpretation.

**CEUS-R 382 Cultural History of the Ottoman Empire and Modern Turkey (3 cr.)** Introduction to the rich and varied cultures of Turkey, from Ottoman times to present. Considers issues such as literary and vernacular languages, women, Kemal Atatürk, Turkish Islam, education, Kurdish nationalism, and Turkey's relations with Europe. Turkish films and visual materials used with readings.

**CEUS-R 383 Ten Sultans, One Empire: Ottoman Classical Age, 1300–1600 (3 cr.) S & H, CSA**  
Traces the Ottoman Empire from its beginnings to its height under Suleyman the Magnificent. Themes include Turks before the empire, Asia Minor before the Turks, rival principalities, centralization, Ottomans as European and Middle Eastern, economy, society, religion, law, learning, ethnic/cultural diversity, and the "classical age" as a concept.

**CEUS-R 389 Topics in Turkish Studies (1–4 cr.)**  
Variable title course for topics in Turkish studies. May be repeated with a different topic for a maximum of 9 credit hours.

**CEUS-R 392 Uralic Peoples and Cultures (3 cr.) S & H**  
Surveys the Uralic (Finno-Ugric and Samoyed) peoples of northern Europe and Siberia. Topics include their origins and history, traditional and modern cultures, ethnic and national identity, development and modernization, and

political independence and Russian rule. Also covers interrelations among Uralic peoples in the modern era. Credit given for only one of R392 or U370.

**CEUS-R 393 The Mongol Century (3 cr.) S & H, CSA**  
In-depth exploration of Chinggis Khan's Mongol Empire from its origins in the twelfth century in the continent-wide breakdown of the 1330s–1370s. Primary sources (Mongolian, Chinese, Middle Eastern, and European) in translation, including many of the medieval era's greatest histories and travelogues. Credit given for only one of R393 or U368.

**CEUS-R 394 Environmental Problems and Social Constraints in Northern and Central Eurasia (3 cr.) S & H**  
Analyzes environmental and social conditions in the immense region of Northern and Central Eurasia (former Soviet Union). Covers general environmental and political situations; environmental transformation under Soviet rule; environmental and health problems; conclusions on current trends. Credit given for only one of R394 or U374.

**CEUS-R 395 Politics of Identity in China and Inner Asia (3 cr.)** Challenges the assumption that terms such as "Chinese," "Taiwanese," or "Kazakh" represent straightforward concepts. Via theories of identity, and careful attention to the history of China and Inner Asia, explores and explodes the association of identity and descent, language and ethnicity, citizenship and nationality.

**CEUS-R 399 Advanced Topics in Central Eurasian Studies (1–4 cr.)** Variable title course for topic in Central Eurasian studies. May be repeated with a different topic for a maximum of 9 credit hours in R399 and U320.

**CEUS-R 411 Ethnic History of Central Asia (3 cr.) S & H**  
A survey of the formation of major ethnic groups inhabiting Central Asia and their traditional cultures. Examines how nomadic migrations, imperial policies, and nationalism have affected inter-ethnic relations as background to current ethnic issues in Central Asia. Credit given for only one of R411 or U496.

**CEUS-R 412 Central Asia under Russian Rule (3 cr.) S & H**  
Survey of Russia and Central Asia's complex relations, covering Russian expansion in the sixteenth century, Russian conquest in the nineteenth century, socio-political developments, and the emergence of modern nations in the 1920s. Themes include mechanism of Empire, dynamics between conqueror and conquered, and colonial administration of Islamic peoples. Credit given for only one of R412 or U494.

**CEUS-R 413 Islamic Central Asia, Sixteenth–Nineteenth Centuries (3 cr.) S & H, CSA**  
Surveys Islamic Central Asia from the sixteenth century to the Russian conquest, especially Chinggisid Uzbek states and the "tribal" dynasties, but also East Turkestan to 1755, and nomadic Qasaqs, Qirghiz, Turkmens. Themes include political institutions, legitimation, nomads, and sedentaries; ethnic developments; religion and culture; sources and historiography. Credit given for only one of R413 or U493.

**CEUS-R 414 The Yasavi Sufis and Central Asian Islam (3 cr.) A & H, CSA**  
Surveys the Yasavi Sufi tradition, famous for the magnificent shrine complex built by Timur and the collection of Turkic mystical poetry ascribed

to Ahmad Yasavi. There is much more to the Yasavi tradition, however, and it is an unparalleled window on the religious history of Islamic Central Asia. Credit given for only one of R414 or U393.

**CEUS–R 415 The Naqshbandi Sufi Tradition in Central Asia (3 cr.) A & H, CSA** Exploration of Sufism in Central Asia, challenges under Mongol rule, early founding figures, doctrinal profile and practices, and the subsequent history of the Naqshbandi communities in the modern era.

**CEUS–R 416 Religion and Power in Islamic Central Asia (3 cr.) S & H, CSA** Exploration of the roles of religious figures and institutions in sanctioning, exercising, and/or undermining political authority in Islamic Central Asia. Focuses on the political influence wielded by the local representatives of Islam's spiritual ideal, especially Sufi shaykhs and how they used their extraordinary socio-economic and political power. Credit given for only one of R416 or U498.

**CEUS–R 441 Art and Music of Nineteenth and Twentieth Century Hungary (3 cr.) A & H, CSA** The nineteenth and twentieth centuries saw the birth of Hungary's greatest artists and musicians, the development of national institutions in the arts, and debates over tradition versus innovation and Hungarian folk elements versus integration into Europe's artistic mainstream. Surveys these major developments in Hungarian visual art and music.

**CEUS–R 461 Mongolian Literature and Folklore (3 cr.)** P: Grade of C or higher in T262 or T364, or consent of the instructor. Overview of traditional Mongolian historiography and other Mongolian historical sources: secular and religious chronicles, genealogies, biographies, works, inscriptions, edicts, letters, and more, from Chinggis Khan's time to the early twentieth century. A selection of sources of various genres are read, translated, and analyzed, and their interpretations discussed.

**CEUS–R 462 Modern Inner Mongolia (3 cr.) S & H** Exploration of Inner Mongolia's history from 1850 to present. Themes include Inner Mongolia as a bi-ethnic borderland, demography, the "New Schools Movement," pan-Mongolism, land reform, development, and the environment. Includes issues of ethnicity, state-building, and globalization in both Inner Asian and Chinese contexts.

**CEUS–R 467 Mongolic Writing Systems (3 cr.)** P: Grade of C or higher in T364, or consent of the instructor. Examines the writing systems used by medieval and modern Mongolic peoples; the origins, functions, and classifications of scripts and their relation to religion and statehood. Introduction to the Kitan, Uyghur, 'Phags-pa, Galik, Oirat, and other scripts, and to Mongolic in Manchu, Tibetan, Latin, Cyrillic, and Arabic alphabets.

**CEUS–R 493 Theorizing Central Eurasia: The Problems of Nationalism (3 cr.)** An introduction to nationalism in Central Eurasia, and to its key works and questions. How are nations related? Are nations imagined and invented or ancient and enduring? Are nationalism, communism, and religiosity necessarily opposed? Are indigenous nationalisms more authentic than "official

nationalisms"? Is Central Eurasian nationalism a "derivative discourse," imported from somewhere?

**CEUS–R 494 Uralic Linguistics (3 cr.)** Studies linguistics of the Uralic language family (Hungarian, Finnish, Estonian, and other languages in Russia), beginning with the proto-Uralic and relationships among Uralic languages. Focus is on topics such as agglutination, vowel harmony, complex locative case systems, and sociolinguistics of Uralic languages in Russia.

### Language Courses Azerbaijani

**CEUS–T 183 Introductory Azerbaijani I (4 cr.)** Stresses a communicative/interactive approach. Students learn to handle basic everyday situations, such as greetings, asking for information, buying things, travel, phone calls, and writing letters. A portion of each class day is devoted to cultural aspects of Azerbaijani society. Credit given for only one of T183 or U105.

**CEUS–T 184 Introductory Azerbaijani II (4 cr.)** P: Grade of C or higher in T183 or U105, or equivalent proficiency. Continues language learning introduced in T183. Credit given for only one of T184 or U106.

**CEUS–T 283 Intermediate Azerbaijani I (4 cr.)** P: Grade of C or higher in T184 or U106, or equivalent proficiency. Uses free discourse, prompted discussions, interviews, team activities, oral presentations, written exercises, video-based discussions, and grammar drills to expand first-year skills. Classes are taught in Azerbaijani with only some grammatical explanations or spot translations in English. Authentic Azerbaijani language materials are used throughout the course. Credit given for only one of T283 or U205.

**CEUS–T 284 Intermediate Azerbaijani II (4 cr.)** P: Grade of C or higher in T283 or U205, or equivalent proficiency. Continues skills learned in previous course work. Credit given for only one of T284 or U206.

### Estonian

**CEUS–T 103 Introductory Estonian I (4 cr.)** Assumes no previous knowledge of Estonian. Emphasizes oral communication with attention to reading, writing, speaking, and listening. With basic vocabulary and structures, students can talk about themselves and immediate surroundings, interact in service encounters, read short texts and write notes. Introduction to Estonian culture. Credit given for only one of T103 or U111.

**CEUS–T 104 Introductory Estonian II (4 cr.)** P: Grade of C or higher in T103 or U111, or equivalent proficiency. Uses a communicative approach to introduce Estonian pronunciation and basic grammar (morphology and syntax), and teach vocabulary and structures for everyday conversation. Textbooks, audio- and videotapes, and authentic materials (newspapers, schedules, advertisements, the Internet) used to enhance learning and provide cultural information. Credit given for only one of T104 or U112.

**CEUS–T 203 Intermediate Estonian I (4 cr.)** P: Grade of C or higher in T104 or U112, or equivalent proficiency. Builds on skills acquired in introductory courses. First year topics are reviewed in more detail and new topics, such as seasons, holidays, traditions, and customs are added. Longer reading texts are introduced. Video materials train

listening comprehension. Development of conversation skills beyond the structured exchanges of the introductory level. Credit given for only one of T203 or U211.

**CEUS–T 204 Intermediate Estonian II (4 cr.)** P: Grade of C or higher in T203 or U211, or equivalent proficiency. Finishes covering Estonian structures (morphology and syntax) and develops skills by reading, conversation, discussion, oral presentations, a weekly journal and short essays, and listening. Materials used to introduce Estonian culture include current press sources (print and Internet), short fiction, poetry, documentaries, feature films, and news programs. Credit given for only one of T204 or U212.

**CEUS–T 303 Advanced Estonian I (4 cr.)** P: Grade of C or higher in T204 or U212, or equivalent proficiency. Builds students' confidence as language users via class discussion of newspaper articles, fiction and poetry, class presentations, journal entries, summaries of articles, film and news clips, short essays, TV broadcasts, and audiotape recordings. Focuses on structures of formal written Estonian and different registers of oral production.

**CEUS–T 304 Advanced Estonian II (4 cr.)** P: Grade of C or higher in T303 or equivalent proficiency. Consolidates students' knowledge of Estonian structure, and adds to vocabulary, especially in students' areas of interest. While speaking, reading, listening, and writing are developed, this course has more emphasis on reading and writing. Independent work and student contribution a must; class is tailored to individual interests.

### Finnish

**CEUS–T 101 Introductory Finnish I (4 cr.)** An introduction to Finnish for students with no previous knowledge of Finnish language. Emphasizes skills for everyday situations in Finland. Aids understanding of simple spoken Finnish for familiar topics and the main points of brief messages. Students also study Finnish culture and history. Credit given for only one of T101 or U121.

**CEUS–T 102 Introductory Finnish II (4 cr.)** P: Grade of C or higher in T101 or U121, or equivalent proficiency. Concentrated practice in Finnish pronunciation, grammar, elementary conversation, reading, and writing. Increase of vocabulary. Credit given for only one of T102 or U122.

**CEUS–T 201 Intermediate Finnish I (4 cr.)** P: Grade of C or higher in T102 or U122, or equivalent proficiency. Geared to students who know the basics of Finnish to communicate in situations related to study, work, and leisure, while learning specific issues of Finnish culture and history. Methods are learner centered, communicative and often problem-based. Credit given for only one of T201 or U221.

**CEUS–T 202 Intermediate Finnish II (4 cr.)** P: Grade of C or higher in T201 or U221, or equivalent proficiency. Continues and reinforces language skills learned in T201 or U221. Credit given for only one of T202 or U222.

**CEUS–T 301 Advanced Finnish I (4 cr.)** P: Grade of C or higher in T202 or U222, or equivalent proficiency. Teaches advanced skills desirable for academia and work. The goal is to communicate effectively in demanding oral and written situations, and to handle both writing and speech

on demanding topics. Also widens knowledge of Finnish culture and history.

**CEUS–T 302 Advanced Finnish II (4 cr.)** P: Grade of C or higher in T301 or equivalent proficiency. Teaches advanced skills desirable for academic life and work. Teaches effective communication in demanding oral and written situations, and an understanding of writing and speech on demanding topics. Also widens knowledge of Finnish culture and history.

### Hungarian

**CEUS–T 141 Introductory Hungarian I (4 cr.)** Enables students to converse about basic topics, meet basic communicative needs, and read and write short texts with simple sentence patterns and everyday topics. Students learn to use fundamental Hungarian structures with comfort and confidence while learning about Hungarian lifestyle, society, and culture. Credit given for only one of T141 or U131.

**CEUS–T 142 Introductory Hungarian II (4 cr.)** P: Grade of C or higher in T141 or U131, or equivalent proficiency. Daily classes focus on listening to and conducting conversations, intonation exercises, grammar exercises, and writing simple dialogues and essays. Topics include travel, work, housing, shopping, post office, bank, and family. Introduction of important possessive structures and sentences as well as verb conjugations. Credit given for only one of T142 or U132.

**CEUS–T 241 Intermediate Hungarian I (4 cr.)** P: Grade of C or higher in T142 or U132, or equivalent proficiency. Helps students converse more fluently about personal and simple academic topics, articulate feelings and opinions, read short literary and scholarly texts, and write for basic personal, business, and academic purposes. Authentic texts and video teach about the lifestyle and socio-historical facts of Hungary. Credit given for only one of T241 or U231.

**CEUS–T 242 Intermediate Hungarian II (4 cr.)** P: Grade of C or higher in T241 or U231, or equivalent proficiency. Helps students converse more fluently about personal and simple academic topics, articulate their feelings and opinions, read short literary and scholarly texts, and write for basic personal, business, and academic purposes. Authentic texts and video teach about Hungary. Moderately complex grammatical forms are introduced. Credit given for only one of T242 or U232.

**CEUS–T 341 Advanced Hungarian I (4 cr.)** P: Grade of C or higher in T242 or U232, or equivalent proficiency. Assumes four semesters of Hungarian and substantial knowledge of grammar, syntax, and vocabulary. Enables students to converse about moderately complex personal, social, and academic topics; to read and understand a full range of literary genres; and to write and translate to meet most personal and academic needs.

**CEUS–T 342 Advanced Hungarian II (4 cr.)** P: Grade of C or higher in T341 or equivalent proficiency. Students continue to learn how to converse about moderately complex personal, social, and academic topics; read and understand a range of genres; and write and translate for personal and academic needs. Through readings, students extend vocabulary and develop a more academic style for conversation and writing.

**Iranian****CEUS–T 356 Middle Iranian Languages (3 cr.)**

P: Permission of instructor. Variable title course used to introduce one or more of the following Iranian languages dating from the first to the twelfth centuries: Middle Persian (Pahlavi), Middle Parthian and Manichaean Middle Persian, Sogdian, or Bactrian and Saka. Documents are drawn from manuscripts, manuscript fragments, and/or inscriptions. May be repeated with a different topic for a maximum of 12 credit hours.

**CEUS–T 358 Old Iranian Languages (3 cr.)**

P: Permission of instructor. Variable title course covers alphabets, grammar, vocabulary, reading, translation, and analysis of texts in one or more of the following Old Iranian languages: Avestan and Old Persian. Examination of religious and sociopolitical documents from the eighteenth to the first centuries B.C.E. through manuscripts and inscriptions. May be repeated with a different topic for a maximum of 6 credit hours.

**Kazakh**

Kazakh is the national language of Kazakhstan. It is a Turkic language.

**CEUS–T 113 Introductory Kazakh I (4 cr.)** No previous knowledge of Kazakh required. Introduction to basic communication skills in Kazakh. Upon finishing, students will be able to use Kazakh in basic communicative contexts. Readings, class discussions, listening activities adapted from Kazakh language media programs. Films and extracurricular activities develop awareness of Kazakh culture. Credit given for only one of T113 or U175.

**CEUS–T 114 Introductory Kazakh II (4 cr.)** R: Grade of C or higher in T113 or U175, or equivalent proficiency. Continues basic communication skills and basic grammar of T113 needed to master simple to complex sentences. Kazakh language media programs, film viewing, and cultural activities develop awareness of Kazakh culture. Credit given for only one of T114 or U176.

**CEUS–T 213 Intermediate Kazakh I (4 cr.)** P: Grade of C or higher in T212 or U176, or equivalent proficiency. Builds on and extends the foundation established in introductory level to improve basic language skills: speaking, reading, writing, listening. Primary goal is to improve communicative competence and to enable learners to handle a variety of immediate everyday situations related to academic life. Credit given for only one of T213 or U275.

**CEUS–T 214 Intermediate Kazakh II (4 cr.)** P: Grade of C or higher in T213 or U276, or equivalent proficiency. Students learn to use Kazakh in everyday situations and for purposes related to work and social life. Lessons are in Kazakh only, except for some grammar analogues. Components include grammar structures, small texts, vocabulary, listening activities, and writing exercises. Credit given for only one of T214 or U276.

**CEUS–T 313 Advanced Kazakh I (4 cr.)** P: Grade of C or higher in T214 or U276, or equivalent proficiency. Familiarizes students with key parts of life in contemporary Kazakhstan. While improving speaking, listening, reading, and writing skills, students also do occasional translations. Builds on previous knowledge with stimulating and challenging activities, such as listening to narratives

and radio interviews, and forges accurate and fluent communication skills.

**CEUS–T 314 Advanced Kazakh II (4 cr.)** P: Grade of C or higher in T313 or equivalent proficiency. Further introduction to contemporary Kazakhstan. New vocabulary enables learners to communicate in different situations, purposes, and roles. Listening materials include narratives, radio interviews, "Cenasianet" language programs, Kazakh fiction, and newspapers.

**Mongolian**

Mongolian is the national language of Mongolia and is also spoken in northern China.

**CEUS–T 161 Introductory Mongolian I (4 cr.)**

Introduction to Modern Mongolian in the Cyrillic script and to basic Mongolian pronunciation and grammar, along with knowledge of Mongolian culture and traditions. Students learn to conduct everyday conversations and use Mongolian's main cases and verb tenses in conversation and writing. Credit given for only one of T161 or U141.

**CEUS–T 162 Introductory Mongolian II (4 cr.)**

P: Grade of C or higher in T161 or U141, or equivalent proficiency. Expands the competencies mastered in T161. Students use the main cases and finite verb tenses, as well as some modals (converbs) and simple compound sentences. Students also learn about Mongolian culture by reading simple folktales. Credit given for only one of T162 or U142.

**CEUS–T 261 Intermediate Mongolian I (4 cr.)**

P: Grade of C or higher in T162 or U142, or equivalent proficiency. Expands the basic Mongolian conversation, grammar, reading, and writing skills mastered in first year. Introduces the most useful kinds of compound and complex sentences and develops skills to use them in conversation and writing. Furthers knowledge of Mongolian culture and tradition. Credit given for only one of T261 or U241.

**CEUS–T 262 Intermediate Mongolian II (4 cr.)**

P: Grade of C or higher in T261 or U241, or equivalent proficiency. Expands basic Mongolian conversation, grammar, reading, and writing skills. Introduces the most useful kinds of compounds and complex sentences and voice infixes in conversation and writing. Furthers knowledge of Mongolian culture and tradition. Credit given for only one of T262 or U242.

**CEUS–T 361 Advanced Mongolian I (4 cr.)** P: Grade of C or higher in T262 or U242, or equivalent proficiency. Review of compound and complex sentences. Develops a sense of Mongolian literary style through the reading of diverse materials. In-class oral presentations, discussions, and role-play increase fluency. Translation exercises enhance knowledge of Mongolian culture and history.

**CEUS–T 362 Advanced Mongolian II (4 cr.)**

P: Grade of C or higher in T361 or equivalent proficiency. Development of a sense of Mongolian literary style through the reading of diverse materials; improvement of fluency by oral presentations, class discussions, and role-playing; practice of formal translation using Internet and newspaper materials. Further develops knowledge of Mongolian culture and literary history.

**CEUS–T 363 Classical Mongolian I (3 cr.)** P: Grade of C or higher in T262 or U242, or permission of instructor.



Introduction to classical Mongolian and its relation to living, spoken languages and dialects. Topics include the Mongolian vertical script, its origin, graphemes and allographs, vowel and consonantal graphemes, orthography, punctuation, numbers, a skeletal grammar, word formation, syntax. Format is reading, analyzing, and translating texts in transcription and original script.

**CEUS–T 364 Classical Mongolian II (3 cr.)** P: Grade of C or higher in T363 or permission of instructor. Reading and interpreting various old and new classical Mongolian texts in Uyghur script; grammatical analysis and translation into modern Mongolian and English.

### Pashto

**CEUS–T 153 Introductory Pashto I (4 cr.)** Introduction to the Pashto language of Afghanistan. By practicing listening, speaking, reading, and writing, students become familiar with the alphabet and sound system, basic structures, and ordinary usage. By the end of the semester, students will have mastered simple sentences and can ask and answer simple questions on familiar topics.

**CEUS–T 154 Introductory Pashto II (4 cr.)** P: Grade of C or higher in T153 or equivalent proficiency. Strengthens and improves skills gained in T153. Students move into new topics such as personal information, daily activities, and expanded grammar structures. By the end of the course, students can read simple prose texts, deal with everyday situations, and respond to requests on familiar topics.

**CEUS–T 253 Intermediate Pashto I (4 cr.)** P: Grade of C or higher in T154 or equivalent proficiency. Improves communicative skills in order to meet ordinary social situations and express interests and personal needs such as inquiring about one's surroundings, getting directions, buying food, and going out to eat. By the end of the semester, students can communicate and ask questions about familiar topics using learned grammatical structures.

**CEUS–T 254 Intermediate Pashto II (4 cr.)** P: Grade of C or higher in T253 or equivalent proficiency. Improves language skills by extending the scope of topics. Introduces materials concerning various social interactions, current daily life, and Pashtun culture. Extends grammatical and lexical knowledge through the use of a wide variety of stimulating and challenging activities. By the end of the semester, the student can converse with confidence on topics of routine tasks and in social situations.

### Persian

Persian is the national language of Iran. It is also widely spoken in Afghanistan and Tajikistan.

**CEUS–T 151 Introductory Persian I (4 cr.)** No previous knowledge of Persian required. Introduces basic communication skills in modern standard Persian and familiarizes students with Persian's sounds, alphabet, and basic grammar. Students learn to read, write, speak, and comprehend simple to moderately complex sentences. Readings, class conversations, media programs, film viewing, and cultural activities introduce Persian cultures. Credit given for only one of T151 or U177.

**CEUS–T 152 Introductory Persian II (4 cr.)** P: Grade of C or higher in T151 or U177, or equivalent proficiency.

Continues Introductory Persian I. Further work on basic sentence structure to develop greater fluency in pronunciation, reading, and writing. With the aim of a working vocabulary of 700 words, students study compound verbs and other idiomatic expressions. Internet resources used extensively. Credit given for only one of T152 or U178.

**CEUS–T 251 Intermediate Persian I (4 cr.)** P: Grade of C or higher in T152 or U178, or equivalent proficiency. Covers a wide range of topics and intermediate to advanced grammar. Credit given for only one of T251 or U277.

**CEUS–T 252 Intermediate Persian II (4 cr.)** P: Grade of C or higher in T251 or U277, or equivalent proficiency. Concentrates on complex grammatical structures and vocabulary acquisition with emphasis on reading and writing skills, and fluency in modern colloquial pronunciation (Tehran dialect). Studies texts drawn from modern Iranian publications, authentic materials, and Internet resources. Credit given for only one of T252 or U278.

**CEUS–T 351 Advanced Persian I (4 cr.)** P: Grade of C or higher in T252 or U278, or equivalent proficiency. Students examine the classical Persian tradition's rich legacy of historical, literary, and religious writings and learn the grammatical and lexical differences distinguishing classical from modern Persian. Introduction to basic research tools and reference works. Readings cover the range of classical Persian texts.

**CEUS–T 352 Advanced Persian II (4 cr.)** P: Grade of C or higher in T351 or equivalent proficiency. Continues and builds upon skills learned in T351.

**CEUS–T 359 Research in Classical Persian Texts (3 cr.)** P: Grade of C or higher in T352 or permission of instructor. The classical Persian tradition holds a distinguished place in human thought and culture. This course introduces students to aspects of that rich legacy. Students learn to distinguish classical Persian from modern Persian, and master research tools and reference works. Readings reflect a range of classical Persian texts.

### Tajik

Tajik is the national language of Tajikistan and is widely spoken in Uzbekistan and Afghanistan. It is an Iranian language.

**CEUS–T 115 Introductory Tajik I (4 cr.)** Introduction to the language and culture of the Tajiks of Tajikistan and Uzbekistan. Teaches basic speaking skills: simple greetings and conversation, handling basic survival needs, such as reading signs and short narratives, completing forms, and taking messages. Introduction to the culture of Tajikistan.

**CEUS–T 116 Introductory Tajik II (4 cr.)** P: Grade of C or higher in T115 or equivalent proficiency. Continues and expands knowledge from T115.

**CEUS–T 215 Intermediate Tajik I (4 cr.)** P: Grade of C or higher in T116 or equivalent proficiency. Uses the communicative approach to enable learners to interact successfully in everyday and workplace situations. Authentic Tajiki language materials include videos, audiotapes, and printed texts. Focused drills present grammatical structures; explanations and paradigms are

minimized. Materials also familiarize students about life for Tajiks.

**CEUS–T 216 Intermediate Tajik II (4 cr.)** P: Grade of C or higher in T215 or equivalent proficiency. Continues and expands knowledge from T215.

### Tibetan

**CEUS–T 171 Introductory Tibetan I (4 cr.)** Introduces Tibetan language basics to students with no previous background in Tibetan. Students begin speaking, listening, reading, and writing basic grammar, building vocabulary, and developing idiomatic usage needed in everyday communication. Introduction to Tibetan culture and daily life. Credit given for only one of T171 or U151.

**CEUS–T 172 Introductory Tibetan II (4 cr.)** P: Grade of C or higher in T171 or U151, or equivalent proficiency. Further introduction to the basics of Tibetan language through the use of daily written, reading, and audio home assignments. Conversation preparation required. Coffee hours enable students to talk to Tibetan native speakers. Credit given for only one of T172 or U152.

**CEUS–T 271 Intermediate Tibetan I (4 cr.)** P: Grade of C or higher in T172 or U152, or equivalent proficiency. Further develops skills in Tibetan for effective communication. Speaking, listening, reading, and writing skills are developed throughout the course with attention to grammar. Special attention to classical Tibetan readings. Credit given for only one of T271 or U251.

**CEUS–T 272 Intermediate Tibetan II (4 cr.)** P: Grade of C or higher in T271 or U251, or equivalent proficiency. Further develops skills with basic features of Tibetan language. Materials such as short stories and articles used for writing and reading assignments. Credit given for only one of T272 or U252.

**CEUS–T 371 Advanced Tibetan I (4 cr.)** P: Grade of C or higher in T272 or U252, or equivalent proficiency. Expands knowledge of grammar with reading and composition exercises, and translation of general texts from Tibetan into English. Focuses on reading in modern and classical Tibetan.

**CEUS–T 372 Advanced Tibetan II (4 cr.)** P: Grade of C or higher in T371 or equivalent proficiency. Further develops advanced skills for academic and professional work. Materials are selected from writings and translations of classical and modern Tibetan. Daily writing and translation assignments. Expands knowledge of Tibetan culture and history.

**CEUS–T 476 Readings in Modern Tibetan Texts (3 cr.)** P: Grade of C or higher in T271 or U251, or equivalent proficiency and consent of instructor. Allows those interested in modern Tibetan language to improve their skills in handling literary Tibetan materials and documents produced in Tibetan areas of the Peoples' Republic of China and in exile. Credit given for only one of T476 or U488.

### Turkish

**CEUS–T 181 Introductory Turkish I (4 cr.)** Introduces English-speaking students to Turkish. Builds basic proficiency in modern Turkish for effective communication at beginning level in everyday situations. Listening, speaking, reading, and writing are covered in classroom activities and at-home practice. Establishes a solid

linguistic and cultural foundation for future studies of Turkish. Credit given for only one of T181 or U161.

**CEUS–T 182 Introductory Turkish II (4 cr.)** P: Grade of C or higher in T181 or U161, or equivalent proficiency. Continues learning begun in T181, expanding basic competencies. Students develop communicative skills as they assimilate the basics of Turkish grammar. In addition to the textbook, students use other media, such as short video clips from Turkish television, songs, and newspaper articles. Credit given for only one of T182 or U162.

**CEUS–T 281 Intermediate Turkish I (4 cr.)** P: Grade of C or higher in T182 or U162, or equivalent proficiency. Expands communicative skills, grammar, and vocabulary skills. Class activities and homework involve listening, speaking, reading, and writing. Special attention paid to building richer vocabulary, developing competence in the vernacular, and improving reading. Recordings, films, handicrafts, and cartoons used in context. Credit given for only one of T281 or U261.

**CEUS–T 282 Intermediate Turkish II (4 cr.)** P: Grade of C or higher in T281 or U261, or equivalent proficiency. Continues skills learned in T281. Credit given for only one of T282 or U262.

**CEUS–T 381 Advanced Turkish I (4 cr.)** P: Grade of C or higher in T282 or U262, or equivalent proficiency. Requires written reports after watching Turkish TV news. Class activities improve language skills of listening, speaking, reading, and writing. Opportunity to interact with native speakers outside of class.

**CEUS–T 382 Advanced Turkish II (4 cr.)** P: Grade of C or higher in T381 or equivalent proficiency. Expands language proficiency using innovative methods described in T381.

**CEUS–T 485 Media Turkish I (3 cr.)** P: Grade of C or higher in T382 or equivalent proficiency. Advances linguistic and cognitive skills needed to understand media language and improves linguistic skills for better comprehension of contemporary language usage. Includes discussion of socio-political issues associated with current media issues.

**CEUS–T 486 Media Turkish II (3 cr.)** P: Grade of C or higher in T485 or permission of instructor. TV recordings of Turkish media via satellite are incorporated to improve listening comprehension and oral fluency.

### Turkmen

Turkmen is the national language of Turkmenistan. It is a Turkic language.

**CEUS–T 117 Introductory Turkmen I (4 cr.)** No previous knowledge of Turkmen required. Follows the communicative approach to enable learners to interact successfully in everyday and workplace situations. Authentic Turkmen language materials used include videos, audiotapes, and printed texts. Focused drills present grammatical structures; explanations and paradigms are minimized. Credit given for only one of T117 or U107.

**CEUS–T 118 Introductory Turkmen II (4 cr.)** P: Grade of C or higher in T117 or U107, or equivalent proficiency.

Continues course work in Turkmen from T117. Credit given for only one of T118 or U108.

**CEUS–T 217 Intermediate Turkmen I (4 cr.)** P: Grade of C or higher in T118 or U108, or consent of department. Follows the communicative approach, enabling learners to interact successfully in everyday and workplace situations. Authentic Turkmen language materials used include videos, audiotaped materials, and printed texts. Focused drills present grammatical structures; explanations and paradigms are minimized. Newspaper materials supply updates on Turkmenistan's changing life. Credit given for only one of T217 or U207.

**CEUS–T 218 Intermediate Turkmen II (4 cr.)** P: Grade of C or higher in T217 or U207, or consent of department. Continuing development of language skills. Additional new grammar concepts. Credit given for only one of T218 or U208.

### Uyghur

Uyghur is the main language of Xinjiang in northwest China. It is a Turkic language.

**CEUS–T 131 Introductory Uyghur I (4 cr.)** No previous knowledge of Uyghur required. Introduces basic Uyghur language—the Uyghur script, phonetic rules, and basic grammar of the literary Uyghur language—and Uyghur lifestyle, society, and culture. Daily class activities involve conversations, pronunciation, vocabulary, grammar exercises, simple dialogues and texts. Considerable independent preparation outside of class required. Credit given for only one of T131 or U115.

**CEUS–T 132 Introductory Uyghur II (4 cr.)** P: Grade of C or higher in T131 or U115, or equivalent proficiency. Continues previous semester course work. Develops skills in listening, reading, speaking and writing, to begin mastering literary Uyghur language. Uyghur audio and video cassettes and visual materials illustrate contemporary Uyghur cultural life. Opportunity for personal expression through partner and group work. Credit given for only one of T132 or U116.

**CEUS–T 231 Intermediate Uyghur I (4 cr.)** P: Grade of C or higher in T132 or U116, or equivalent proficiency. Expands grammatical, lexical, and functional skills. Listening activities involve narratives, interviews from RFA (Uyghur Erkin Asiya Radiosi), and Uyghur TV. Contemporary Eastern Turkestan's society is introduced to facilitate effective situational communication. Credit given for only one of T231 or U215.

**CEUS–T 232 Intermediate Uyghur II (4 cr.)** P: Grade of C or higher in T231 or U215, or equivalent proficiency. Further develops language skills and introduces contemporary Turkestan, its culture and mentality, so students communicate effectively. Also included are translation skills, partner work and discussions, authentic listening and video material. Independent work outside of class is essential. Credit given for only one T232 or U216.

**CEUS–T 331 Advanced Uyghur I (4 cr.)** P: Grade of C or higher in T232 or U216, or equivalent proficiency. Students give oral, reading, and writing presentations; participate in class discussions; and practice translation. Excerpts from novels, movies, newspapers, and other media develop knowledge of Uyghur culture.

**CEUS–T 332 Advanced Uyghur II (4 cr.)** P: Grade of C or higher in T331 or equivalent proficiency. Students give oral, reading, and writing presentations; participate in class discussions; and practice translation. Excerpts from novels, movies, newspapers, and other media develop knowledge of Uyghur culture.

### Uzbek

Uzbek is the national language of Uzbekistan. It is a Turkic language.

**CEUS–T 111 Introductory Uzbek I (4 cr.)** Introduction to Uzbekistan's literary language, using Latin and Cyrillic alphabets. Conversation, reading practice, journal writing, newspapers illustrating modern Uzbekistan, Uzbek videos, TV programs, and audiotapes used. Credit given for only one of T111 or U171.

**CEUS–T 112 Introductory Uzbek II (4 cr.)** P: Grade of C or higher in T111 or U171, or equivalent proficiency. Continues course work from previous semester. Credit given for only one of T112 or U172.

**CEUS–T 211 Intermediate Uzbek I (4 cr.)** P: Grade of C or higher in T112 or U172, or equivalent proficiency. Increases fluency in speaking and develops listening and reading skills. With extensive conversation and reading practice, students extend their vocabulary and grammar fundamentals in the literary language of Uzbekistan. Journals, newspapers and authentic materials supplied via Internet, email, and Oncourse illustrate modern life and language in Uzbekistan. Credit given for only one of T211 or U271.

**CEUS–T 212 Intermediate Uzbek II (4 cr.)** P: Grade of C or higher in T211 or U271, or equivalent proficiency. Continues language skills of T211. Credit given for only one of T212 or U272.

**CEUS–T 311 Advanced Uzbek I (4 cr.)** P: Grade of C or higher in T212 or U272, or equivalent proficiency. Increases oral fluency, and develops listening, reading and writing based on literary Uzbek. Enables students to do research in history, culture, and politics. Extensive conversation and reading practice uses journals and newspapers illustrating modern Uzbekistan, Web sites, videos, TV, and audiotapes.

**CEUS–T 312 Advanced Uzbek II (4 cr.)** P: Grade of C or higher in T311 or equivalent proficiency. Increases oral fluency and develops listening, reading, and writing skills to enable students to do research in history, literature, and culture. Extensive conversation and reading practice using newspapers and journals illustrating Uzbek history, literature, and modern life, plus Uzbek videos, TV programs, and audiotapes.

### Other Language Study

**CEUS–T 198 Introductory Central Eurasian Languages I (1–4 cr.)** Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a different introductory level language class for a maximum of 8 credit hours.

**CEUS–T 199 Introductory Central Eurasian Languages II (1–4 cr.)** P: Grade of C or higher in T198 or equivalent in the same language. Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a

different introductory level language class for a maximum of 8 credit hours.

**CEUS–T 298 Intermediate Central Eurasian Languages I (1–4 cr.)** P: Grade of C or higher in T199 or equivalent in the same language. Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a different intermediate level language class for a maximum of 8 credit hours.

**CEUS–T 299 Intermediate Central Eurasian Languages II (1–4 cr.)** P: Grade of C or higher in T298 or equivalent in the same language. Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a different intermediate level language class for a maximum of 8 credit hours.

**CEUS–T 398 Advanced Central Eurasian Languages I (1–4 cr.)** P: Grade of C or higher in T299 or equivalent in the same language. Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a different advanced level language class for a maximum of 8 credit hours.

**CEUS–T 399 Advanced Central Eurasian Languages II (1–4 cr.)** P: Grade of C or higher in T398 or equivalent in the same language. Various languages of Central Eurasia will be offered when available and will be listed in the online *Schedule of Classes*. May be repeated with a different advanced level language class for a maximum of 8 credit hours.

## Chemistry

### Introduction

The Department of Chemistry (CHEM) offers both bachelor of arts and bachelor of science degrees in chemistry and biochemistry. Recommended preparation to enter one of these programs includes two years of algebra, a half year of trigonometry, one year of physics, and one year of chemistry at the high-school level (or equivalent course work at the college level). Enrollment in all courses limited to students with a grade of C– or higher in prerequisite courses.

### Contact Information

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Indiana University  
Chemistry Undergraduate Office, C021  
800 E. Kirkwood Ave.  
Bloomington, IN 47405

(812) 855-2700  
[chemound@indiana.edu](mailto:chemound@indiana.edu)

[chem.indiana.edu/ugrad/](http://chem.indiana.edu/ugrad/)

## Faculty

### Chairman

- David Giedroc

### Distinguished Professors

- Kenneth Caulton
- Gary Hieftje

- Ronald Hites
- Milos Novotny
- Peter Ortoleva

### Herman T. Briscoe Professor

- Dennis Peters

### Harry G. Day Chair

- David Williams

### Standiford H. Cox Professor

- Richard DiMarchi

### Lilly Alumni Chair

- Milos Novotny

### Robert and Marjorie Mann Chairs

- David Clemmer
- Gary Hieftje
- Martin Jarrold

### Professors

- Romualdo de Souza
- David Giedroc
- Krishnan Raghavachari
- James Reilly
- Theodore Widlanski
- Jeffrey Zaleski

### Associate Professors

- Mu-Hyun Baik
- Bogdan Dragnea
- Srinivasan Iyengar
- Stephen Jacobson
- Caroline Jarrold
- Dongwhan Lee
- Daniel Mindiola
- Martha Oakley
- Philip Stevens
- Michael VanNieuwenhze

### Assistant Professors

- Zachary Aron
- Lane Baker
- Erin Carlson
- Silas Cook
- Charles Dann III
- Amar Flood
- Liang-shi Li
- Sara Skrabalak
- Steven Tait

### Clinical Associate Professor

- Cathrine Reck

### Senior Lecturer

- Jill Robinson

### Lecturer

- Andrea Pellerito

### Academic Advising

- Carly Friedman, Chemistry 021, (812) 855-2700, [chemadv@indiana.edu](mailto:chemadv@indiana.edu)

## Major in Biochemistry—B.A.

### Purpose

This major is designed to prepare students for careers outside the laboratory or graduate work, such as medical school, dental school, or nontraditional careers in chemistry.

### Required Courses

Students must complete the following course work with a grade of C– or higher in each course:

1. C117 (or C105-C125), C341, C342, C343, C484, C485, and C487 or B487.
2. A minimum of 8 credit hours selected from the following: A314, A316, N330, C344, C360, C361, C362, C372, C430, C437, C460, C481.
3. Biology L112.
4. Mathematics M119 or M211.
5. Physics P201 or P221.

Students must also complete the degree requirements for the B.A. degree in the College of Arts and Sciences.

### Recommendations

Mathematics M211 is strongly recommended, and M212 is highly desirable for students planning to work in other fields. Biology L211 is recommended.

## Major in Chemistry—B.A.

### Purpose

This major is designed to prepare students for careers outside the laboratory or graduate work, such as medical school, dental school, or nontraditional careers in chemistry.

### Requirements

Students must complete the following course work with a minimum grade of C– in each course:

1. 27 credit hours of course work including C117 (or C105-C125), C341, C342, C343, and C360 or C361 or C362.
2. 11 elective credit hours in chemistry. The following courses may not be used to fulfill the 27 credit hour requirement: C103, C107, G201, G207, C240, C243, G307, C371, C372, Y398, C400, C401, G407, C409, and G499.
3. Physics P201 and P202.
4. Mathematics M119 or M211.

Students must also complete the degree requirements for the B.A. degree in the College of Arts and Sciences.

### Recommendations

Mathematics M211 is strongly recommended, and M212 is highly desirable.

## Major in Chemistry—B.S.

### Purpose

The B.S. in Chemistry is designed for students planning to seek employment in industry, to pursue graduate work in chemistry, or to attend medical or dental school.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Foreign language, 3 credit hours of any foreign language at the second-year level.
3. Arts and humanities, two courses.
4. Social and historical studies, two courses.
5. Natural and mathematical sciences, fulfilled by major.

### Major Requirements

Students must complete the following course work with a minimum grade of C– in each course:

1. 45 credit hours of chemistry, including A315, A318 or C317-C318, N330, C341, C342, S343, C361, C362, P364, and either C483 or C484. The following courses may not be counted in the 45 credit hours required for the major: C103, C107, G201, G207, C240, C243, G307, G407, and G499.
2. At least 6 of the remaining credit hours must be in lecture courses at the 400 level or above.
3. At least 4 of the remaining credit hours must be in laboratory courses.
4. Mathematics M211 and M212, and one of M303 or M311 or M343.
5. Physics P221 and P222.
6. Biology L112.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

Mathematics M311 is recommended over Mathematics M303 or M343.

## Major in Biochemistry—B.S.

### Required Courses

Students must complete all of the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Foreign language, 3 credit hours of any foreign language at the second-year level.
3. Arts and humanities, two courses.
4. Social and historical studies, two courses.
5. Natural and mathematical sciences, fulfilled by major.

### Major Requirements

Students must complete all of the following course work with a grade of C– or higher in each course:

1. 45 credit hours of chemistry, including A314, A316, N330, C341, C342, S343, C361-C362 or C361-C481, C484, C485 and C487 or B487. The following courses may not be counted in the 45 credit hours required for the major: C103, C107, G201, G207, C240, C243, G307, G407, and G499.
2. At least 5 of the remaining credit hours must be in lecture courses at the 400 level or above.
3. At least 4 of the remaining credit hours must be in laboratory courses.
4. Mathematics M211 and M212.
5. Physics P221 and P222.

6. Biology L112, L211, and at least one of the following: L311, L312, M250-M255, M430.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

Chemistry C481 is recommended over Chemistry C362.

## Minor in Chemistry

### Required Courses

17 credit hours or more in chemistry to include the following courses:

1. Core courses: C117 (or C105 and C125) and C341.
2. 9 credit hours of electives chosen from A314, A318 or C317-C318, C342, C360, C361, C362, C430, C443, C460, C481, C483, C484, C485, N330.
3. 12 of the 17 hours for the minor must be taken on the Bloomington campus.
4. A GPA of 2.000 is required, with no course grade lower than C–.

## Departmental Honors Program

The program is designed for especially well-qualified students who wish to acquire an unusually strong foundation in chemistry. Most students completing the honors program enter graduate or professional school. Special courses for outstanding students are offered in general chemistry (S117), organic chemistry (S341, S342, and S343), and inorganic chemistry (S330). Participants are expected to complete the requirements for a B.S. in chemistry or a B.S. in biochemistry or the following courses: C315, C317, C318, C361, C362, C364, and two 3 credit hour, 400-level courses other than C409 and C445.

The heart of the honors program is participation in an undergraduate research project within a faculty research group. This research generally begins in the freshman or sophomore year and must culminate with an honors research thesis and enrollment in G410 in the senior year.\* Students in the program must maintain a minimum grade point average of 3.300.

\*Students are strongly encouraged to take G207 to prepare for G410, and to take G307 for successful career preparation.

## B.S. Chemistry/M.S. Secondary Education

In an effort to address the shortage of Indiana high school teachers in certain subjects, the College, in conjunction with the IU School of Education, offers an accelerated five-year program in which students can obtain a B.S. in Chemistry and an M.S. in Secondary Education and also complete all requirements for State licensure in Secondary Education. Under this program, students complete all of the course work required for this B.S. Chemistry major by their eighth semester at IU. Continuing in the summer after their fourth year and then in a fifth year of study, students complete all of the requirements for the M.S. in Secondary Education with licensure.

Students must apply and earn admittance to the School of Education's Secondary Transition to Teaching and the Master of Science in Education programs during the fall semester of their senior year. After they have

completed a minimum of 90 credit hours in the College of Arts and Sciences and satisfied the fundamental skills, distribution, and major concentration requirements for this B.S. Chemistry, students may apply up to 32 credit hours earned in the School of Education as College electives. The requirements for the B.S. Chemistry must be completed before student teaching begins in the final spring semester of the five-year program. The two degrees (B.S. in Chemistry and M.S. in Secondary Education) are awarded simultaneously.

Students considering this program should seek advising from both the Department of Chemistry and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

## Course Descriptions

### Introductory Courses

C100 is a lecture course for non-science majors. Students who are required to complete only two semesters of chemistry, such as those in prenursing and some allied health areas, should take C101-C121 and C102-C122, which include labs. Students who wish to take basic courses that provide a foundation for advanced work in scientific fields should enroll in C117 (or C105-C125) followed by C341.

### Special Sections and Courses

Special courses for students with unusually good aptitude or preparation and especially for students interested in the professional B.S. in chemistry and B.S. in biochemistry degree programs are identified by the prefix letter "S": S105, S106, S117, S125, S126, S330, S341, S342, S343, and S344. These courses are equivalent to the corresponding courses lettered "C" for meeting stated requirements.

**CHEM–C 100 The World as Chemistry (3 cr.) N & M** For non-science majors, the chemistry of everyday life: fuels, plastics, drugs, water, air, and living systems. Lectures illustrated by demonstrations, films, and molecular models. Readings include articles from current newspapers and magazines.

**CHEM–C 101 Elementary Chemistry I (3 cr.) N & M** Usually taken concurrently with C121. Introduction to chemistry. The two sequences, C101-C121 and C102-C122, usually satisfy programs that require only two semesters of chemistry. Admission to advanced courses on the basis of C101-C121 and C102-C122 is granted only in exceptional cases. May be taken in preparation for C117 by students with deficiencies in chemistry. Credit given for only one of C101 or C103.

**CHEM–C 102 Elementary Chemistry II (3 cr.) P: C101. N & M** Usually taken concurrently with C122. Continuation of C101. The chemistry of organic compounds and their reactions followed by an extensive introduction to biochemistry.

**CHEM–C 103 Introduction to Chemical Principles (5 cr.) N & M** Taken in preparation for C117 by students with deficiencies in chemistry. Content includes applications of measurement and chemical formula/equation conversions; modern view of the atom; and solution processes that relate to chemical reactions. Emphasis of lectures, labs, and discussion sections will

be problem-solving strategies. Credit given for only one of C101-C121, or C103.

**CHEM-C 107 Frontiers of Chemical Research (1 cr.)**

P: One semester of college-level chemistry or consent of instructor. A freshman seminar featuring talks and demonstrations by various faculty about current research in analytical, biological, inorganic, organic, and physical chemistry.

**CHEM-C 117 Principles of Chemistry and Biochemistry I (5 cr.)**

P: Chemistry and math placement examinations and consent of department. **N & M** An integrated lecture-laboratory course covering basic principles of chemistry and biochemistry, including applications to physiological (biochemical) functions. Credit given for only one of the following: C105-C125, S105-S125, C117, or S117.

**CHEM-S 117 Principles of Chemistry and Biochemistry I, Honors (5 cr.)**

P: Chemistry and math placement examinations and consent of department. **N & M** For students with unusual aptitude or preparation. An integrated lecture-laboratory course covering basic principles of chemistry and biochemistry. Credit given for only one of the following: C105-C125, S105-S125, C117, or S117.

**CHEM-C 118 Principles of Chemistry and Biochemistry II (5 cr.)** P: C117 or C105-C125 and consent of department. **N & M** An integrated lecture-laboratory course introducing the basic principles of chemistry and biochemistry within the context of important social, political, economic, and ethical issues. Topics include polymers, drug design, nutrition, genetic engineering, global warming, and alternative fuels. Second semester of a two-semester sequence. Credit given for only one of the following: C106-C126, S106-S126, C118, S118, N330, or S330.

**CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.)** P or C: C101. Introduction to the techniques and reasoning of experimental chemistry. Credit given for only one of C101-C121 or C103.

**CHEM-C 122 Elementary Chemistry Laboratory II (2 cr.)** P: C101, C121. P or C: C102. Continuation of C121. Emphasis on organic and biochemical experimental techniques.

**CHEM-G 201 Service Learning in Chemistry (1 cr.)** P: C117. C: Current enrollment in another chemistry course. Students will work within the community to foster interest, knowledge, and appreciation in the sciences. Assignments will include the preparation and execution of demonstrations and in class lessons at the primary and secondary school levels. May be repeated for a maximum of 3 credit hours.

**CHEM-G 207 Chemical Scholarship and Presentation (1 cr.)** P: C341 or S341; sophomore standing; chemistry or biochemistry majors. Involves the preparation of scientific oral presentations and poster presentations. Assignments include the making of slides, using presentation software, handling of scientific data correctly, and presentation skills. Students will give presentations as the final assignment. Not repeatable for credit.

**CHEM-C 240 Preparation for Organic Chemistry (1.5 cr.)** P: C117 or C106, or permission of instructor. To

develop a standard and comprehensive preparation for the study of organic chemistry. Review of electronic structure, periodicity, bonding, Lewis structures, pKa's, simple nomenclature, and molecular geometry; problem-based approach to developing skills necessary for success in organic chemistry. Course will not count toward chemistry minor or majors.

**CHEM-C 243 Supplemental General Chemistry (2 cr.)**

For transfer students with General Chemistry I credit from regional campuses or other colleges who plan to take organic chemistry. Equilibrium, kinetics, and thermodynamics will be covered. General Chemistry I plus this course is strongly recommended as preparation for C341.

**CHEM-G 307 Chemical Career Planning (1 cr.)**

P: Junior standing; chemistry or biochemistry major. Focuses on writing resumes, personal statements, and cover letters. Content includes interviewing skills, discussion of graduate programs and careers in chemistry, personal assessment, job searching strategies, labor market trends, and principles of career planning. Not repeatable for credit.

**CHEM-A 314 Biological and Environmental Chemical Analysis (2 cr.)**

P: C341, S341, or R340 and MATH M119 or M211. Theory and application of analytical techniques, including statistical treatment of data, spectroscopy, separation methods, electroanalytical methods, radioisotopes, and immunological methods. Credit given for only one of A314, A318, or C317-C318.

**CHEM-A 315 Chemical Measurements Laboratory (2 cr.)**

P: A318 or C317-C318 or A314. Application of analytical techniques and instrumentation to qualitative and quantitative chemical analysis. Theory, instrumentation, and data analysis will be covered. Credit given for only one of A315 or C315.

**CHEM-A 316 Bioanalytical Chemistry Laboratory (2 cr.)**

P: A318 or C317-C318 or P or C: A314. Laboratory experiments involve the application of analytical techniques and instrumentation to chemical analysis of biological samples. Methods include spectroscopy, immunoassays, chromatography, electrophoresis, and mass spectrometry.

**CHEM-C 317 Equilibria and Electrochemistry (2 cr.)**

P or C: C341 or S341, and MATH M211 or M215. Treatment of analytical data; chemical equilibrium; redox titrations; electrochemical theory; potentiometry; voltammetry; coulometry. Credit given for only one of A314, A318, or C317-C318.

**CHEM-A 318 Analytical Chemistry (4 cr.)**

P or C: C341, S341 or R340, and MATH M211. Theory and application of three major areas of analytical chemistry: spectrochemistry, separations, and electrochemistry. Topics include ultraviolet, infrared, luminescence, and X-ray spectroscopy, flame and electrical discharge techniques, mass spectrometry, chromatography; electrophoresis, potentiometry, coulometry, and voltammetry. Credit given for only one of A318, A314, or C317-C318.

**CHEM-C 318 Spectrochemistry and Separations (2 cr.)**

P or C: C341 or S341, and MATH M211 or M215. Ultraviolet, visible, infrared, and luminescence

spectrophotometry; flame and electrical discharge techniques; X-ray and mass spectrometric methods; phase equilibria and extractions; counter current distribution; gas, thin-layer liquid, and high-performance liquid chromatography. Credit given for only one of A314, A318, or C317-C318.

**CHEM-N 330 Intermediate Inorganic Chemistry (5 cr.)**  
P: C342, S342, or R340; and C343 or S343. An integrated lecture-laboratory course covering structure and bonding of inorganic compounds, including transition metal coordination compounds, organometallic compounds, and bioinorganic complexes. Further topics will include nuclear chemistry and reaction mechanisms. Credit given for only one of N330, S330, C118, S118, C106-C126, or S106-S126.

**CHEM-S 330 Intermediate Inorganic Chemistry (5 cr.)** P: C342, S342, or R340; and C343 or S343. For students with unusually good aptitude or preparation. An integrated lecture-laboratory course covering structure and bonding of inorganic compounds, including transition metal coordinate compounds, organometallic compounds, and bioinorganic complexes. Further topics will include nuclear chemistry and reaction mechanisms. Credit given for only one of N330, S330, C118, S118, C106-C126, or S106-S126.

**CHEM-R 340 Survey of Organic Chemistry (3 cr.)**  
P: C117 or C106 or permission of instructor. A survey of classes, structure, and reactivity of carbon-based compounds with an emphasis on those found in biological systems. Credit given for only one of R340, C341, or S341, and credit given for only one of R340, C342, or S342.

**CHEM-C 341 Organic Chemistry I Lectures (3 cr.)**  
P: C117, S117, C106, or C243. **N & M** Chemistry of carbon compounds. Nomenclature; qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds. Credit given for only one of C341, S341, or R340.

**CHEM-S 341 Organic Chemistry I Lectures, Honors (3 cr.)** P: Grade of B+ or higher in S117, or consent of instructor. **N & M** For students with unusually good aptitude or preparation. Chemistry of carbon compounds. Nomenclature; qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds. Credit given for only one of C341, S341, or R340.

**CHEM-C 342 Organic Chemistry II Lectures (3 cr.)**  
P: C341 or S341. **N & M** Syntheses and reactions of polyfunctional compounds, natural and industrial products. Credit given for only one of C342, S342, or R340.

**CHEM-S 342 Organic Chemistry II Lectures, Honors (3 cr.)** P: C341 or S341, and consent of instructor. **N & M** Special course for students with unusually good aptitude or preparation, covering same subject matter as C342. Credit given for only one of C342, S342, or R340.

**CHEM-C 343 Organic Chemistry I Laboratory (2 cr.)**  
P: C341 or S341. P or C: C342 or S342. Laboratory instruction in the fundamental techniques of organic chemistry, spectroscopy, and the use of general synthetic methods. Credit given for only one of C343 and S343.

**CHEM-S 343 Organic Chemistry I Laboratory, Honors (2 cr.)** P: C341 or S341. P or C: C342 or S342. Special course for students with unusually good aptitude or preparation, covering same subject matter as C343. Credit not given for both S343 and C343.

**CHEM-C 344 Organic Chemistry II Laboratory (2 cr.)**  
P: C342 or S342, and C343 or S343. Preparation, isolation, and identification of organic compounds; emphasis on modern research methods. Credit given for only one of C344 and S344.

**CHEM-S 344 Organic Chemistry II Laboratory, Honors (2 cr.)** P: S342, S343. Special course for students with unusually good aptitude or preparation, covering same subject matter as C344. Credit not given for both S344 and C344.

**CHEM-C 360 Introductory Physical Chemistry (3 cr.)**  
P: C117 or S117 or C106; N330 strongly recommended. MATH M119 and PHYS P201, or equivalents. **N & M** Elements of thermodynamics, reaction kinetics, molecular quantum states, and spectroscopy. For students not intending to specialize in physical sciences. Credit given for only one of C360, C361-C362, or S361-S362.

**CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr.)**  
P: C117 or C106; MATH M212 or M216, and PHYS P202 or P222. **N & M** Thermodynamics laws, free energy and chemical potentials, gases and dilute solutions, phase transitions, colligative properties, chemical equilibria, ionic solutions, chemical kinetics and transport processes, current topics. Credit given for only one of the following: C361, S361, or C360.

**CHEM-S 361 Physical Chemistry of Bulk Matter, Honors (3 cr.)** P: S117 or S106 or consent of instructor, and MATH M212 or M216. P or C: PHYS P222. **N & M** Thermodynamics laws, free energy and chemical potentials, gases and dilute solutions, phase transitions, colligative properties, chemical equilibria, ionic solutions, chemical kinetics, transport processes, and current topics. For students with unusually good aptitude or preparation. Credit given for only one of the following: C360, C361, or S361.

**CHEM-C 362 Physical Chemistry of Molecules (3 cr.)** P: C117 or C106; N330 strongly recommended. MATH M212 or M216, and PHYS P202 or P222. **N & M** Quantum states and spectroscopy of molecules, statistical thermodynamics, and elementary kinetic theory, current topics. Credit given for only one of the following: C362, S362, or C360.

**CHEM-S 362 Physical Chemistry of Molecules, Honors (3 cr.)** P: S117 or S106, or consent of instructor, and MATH M212 or M216. P or C: PHYS P222. **N & M** Quantum states and spectroscopy of molecules, statistical thermodynamics, elementary kinetic theory, and current topics. For students with unusually good aptitude or preparation. Credit given for only one of the following: C360, C362, or S362.

**CHEM-C 364 Introduction to Basic Measurements (3 cr.)** P: C361 or S361. Experiments in this laboratory course will revolve around concepts explored in physical chemistry, such as heats of fusion, heat capacities, bomb calorimetry, transport properties, chemical kinetics, and



basic spectroscopy. Credit given for only one of C364 or P364-P464.

**CHEM-P 364 Basic Measurements in Physical Chemistry (2 cr.)** P: C361 or S361. Experiments in this laboratory course will revolve around concepts explored in physical chemistry such as heats of fusion, heat capacities, bomb calorimetry, transport properties, chemical kinetics, and basic spectroscopy. Credit given for only one of P364-P464 or C364.

**CHEM-C 372 Chemical Informatics II: Molecular Modeling (2 cr.)** P: C341 or S341. Molecular modeling and computational chemistry; application of quantum mechanics and molecular mechanics to derive structural and energetics information about molecules; conformational analysis; quantitative structure-activity relationships (QSAR) and related methods for drug design.

**CHEM-Y 398 Professional Practice in Chemistry (1-6 cr.)** P: Approval of the Department of Chemistry. Designed to provide opportunities for students to receive credit for career-related, full-time work. Evaluation by employer and director of undergraduate studies. Course credit may count as elective hours in the B.S. in Chemistry and B.S. in Biochemistry degree requirements. May be repeated for a maximum of 6 credit hours.

**CHEM-G 407 Chemistry Senior Seminar (1 cr.)** P: G207 or instructor permission; senior standing; chemistry or biochemistry major. Students will present seminars based on current literature or their C409 research project; assignments will include surveying assigned journals. Focuses will include coverage of recent important developments, further experience in making scientific presentation, and encouragement of good literature reading habits. Not repeatable for credit.

**CHEM-G 408 Seminar in Green Chemistry (1 cr.)** This seminar series focuses on the chemical aspects of sustainable chemistry, a chemical philosophy encouraging the design of products/processes that reduce or eliminate the use and generation of hazardous substances. Invited speakers consider sustainable design from multiple perspectives involving industry, academia, and public policy.

**CHEM-C 409 Chemical Research (1-3 cr; max 10 cr.)** P: Approval of research director and department. For outstanding students. Cannot be substituted for any chemistry course. May not be used to satisfy upper-level laboratory hour requirement in a B.S. major; may not be used in fulfillment of chemistry major hours in a B.A. major. A written research thesis is required.

**CHEM-G 410 Chemical Research Capstone (2 cr.)** P: Approval of research director and department; two semesters of C409. For outstanding students in research. May be used to satisfy upper-level laboratory credit hour requirements in the B.S. major; may not be used in fulfillment of chemistry major credit hours in a B.A. major. A written research thesis with oral presentation is required.

**CHEM-C 430 Inorganic Chemistry (3 cr.)** P: C106 or S106 or N330 or S330. R: C362. **N & M** Structure and bonding of inorganic compounds; survey of chemistry of the Periodic Table, group theory, electronic spectroscopy

of coordination compounds, organometallic compounds, catalysis, mechanisms, and reactions.

**CHEM-C 432 Spectroscopic Methods in Inorganic Chemistry (3 cr.)** P: C360 or C361, and C430. Chemical applications of group theory and the elucidation of structure and bonding in inorganic molecules and complexes by vibrational, nuclear magnetic resonance, Mössbauer, and electronic absorption spectroscopy.

**CHEM-C 437 Inorganic Chemistry Laboratory (2 cr.)** P: C343 or S343 and C430 on Bloomington campus. Synthesis, characterization, and study of chemical and physical properties of inorganic and organometallic compounds.

**CHEM-C 443 Organic Spectroscopy (3 cr.)** P: C342 and C362. Elucidation of molecular structures by use of IR, UV, NMR, mass spectroscopy, and other methods.

**CHEM-C 460 Nuclear Chemistry (3 cr.)** P or C: C360, C361, S361, or graduate standing. **N & M** Fundamentals of nuclear behavior; nuclear properties, radioactive decay, and nuclear reactions; applications of nuclear phenomena, biological effects of radiation, nuclear analytical techniques, tracers, radioisotope dating, nuclear power, and the origin of the chemical elements.

**CHEM-P 464 Advanced Measurements in Physical Chemistry (2 cr.)** P: P364. P or C: P362. The tools of designing experiments in modern physical chemistry will be explored in this laboratory course. Students will work through the layers involved in physical experiments from its genesis through data analysis. Components of the class include electronics, computer interfacing, vacuum and laser technology, particle or photon detection, and computations. Credit given for only one of P364-P464 or C364.

**CHEM-C 481 Physical Biochemistry (3 cr.)** P: C361 and C484. Physical chemistry of biological macromolecules; structure and conformation of proteins and nucleic acids; thermodynamics and kinetics of biochemical reactions.

**CHEM-C 483 Biological Chemistry (3 cr.)** P: C342 or S342 or R340. **N & M** Introduction to structure, chemical properties, and interrelationships of biological substances. Credit given for only one of C483 or C484-C485.

**CHEM-C 484 Biomolecules and Catabolism (3 cr.)** P: C342 or S342. **N & M** Structure and function of cellular components and the generation of phosphate-bond energy. Credit given for only one of C484-C485 or C483.

**CHEM-C 485 Biosynthesis and Physiology (3 cr.)** P: C484. **N & M** Biosynthetic pathways, expression of genetic information, and molecular physiology. Credit given for only one of C484-C485 or C483.

**CHEM-B 487 Biochemistry Laboratory (2 cr.)** P: C343 or S343, and C484. P or C: C485. Laboratory instruction in the fundamental techniques of protein biochemistry, including separation of macromolecules by electrophoresis and chromatography; isolation, purification, and analysis of enzymes; and methods for probing protein-ligand interactions. Credit given for only one of B487-B488 or C487.

**CHEM-C 487 Biochemistry Laboratory (3 cr.)** P: C343 or S343, and C484. Laboratory instruction in the fundamental techniques of biochemistry, including

separation of macromolecules by electrophoresis and chromatography; isolation, purification, and analysis of enzymes; recombinant DNA procedures; and polymerase chain reaction (PCR). Credit given for only one of C487 or B487-B488.

**CHEM-B 488 Advanced Biochemistry Laboratory (2 cr.)** P: B487. P or C: C485. Laboratory instruction in the fundamental techniques of nucleic acid chemistry, including assay methods, nucleic acid purification strategies, recombinant DNA procedures; transformations, protein expression systems, polymerase chain reaction (PCR) methodologies, and methods of genomic analysis. Credit given for only one of B487-B488 or C487.

**CHEM-C 497 Special Laboratory Projects in Chemistry (1-3 cr.)** P: Consent of instructor. Laboratory projects in chemistry or biochemistry as determined by instructor and student. May be repeated for a maximum of 6 credit hours.

**CHEM-C 498 Special Topics in Chemistry (1-3 cr.)** P: Consent of instructor; section authorization required. Topics in chemistry and biochemistry vary with each offering of this course.

**CHEM-G 499 Internship in Chemical Instruction (1-3 cr.)** P: Consent of department. Supervised experience in teaching an undergraduate chemistry course. May not count toward credit hours in the major.

## Related Research Courses

BIOL-L 490 and MSCI-M 450 may be counted in the Department of Chemistry as equivalent to C409 Chemical Research only by application to the department (Undergraduate Office, CH 021) prior to the start of the research experience. A research thesis must be submitted to the Department of Chemistry at the end of the research experience to complete the equivalency requirement.

**Note:** B.A. students may not use any research course in fulfillment of the chemistry major credit hours; B.S. students may not count MSCI-M 450 in the minimum 25 College of Arts and Sciences credit hours required in the major subject area out of the total of 45 chemistry credit hours required for the major.

## Chicano-Riqueño Studies

### Introduction

The Chicano-Riqueño Studies Program is an interdisciplinary program offering students an opportunity to study the cultural roots, heritage, and contemporary social framework of the Chicano, Puerto Rican, and other Spanish-speaking peoples of the United States.

The program encourages a United States Latino focus within the Latin American studies minor or certificate, and its faculty sponsors courses, symposia, guest lectures, poetry readings, and research on United States Hispanics in the fields of anthropology, bilingual education, folklore, history, language, and literature. The program publishes an occasional series of scholarly monographs on literature, language, and culture. It helps support *Chiricú*, a literary magazine, and helped found *Third Woman*, a journal of women writers; it also promotes

musical performances, art exhibits, and readings of Chicano and Puerto Rican works.

### Contact Information

Chicano-Riqueño Studies  
Indiana University  
Ballantine Hall 849  
Bloomington, IN 47405

(812) 855-5257  
[crs@indiana.edu](mailto:crs@indiana.edu)

## Faculty

### Director

- Luis Dávila (Spanish and Portuguese)

### Professors

- Robert Arrove (Emeritus, School of Education)
- Richard Bauman (Folklore and Ethnomusicology)
- Christine Bennett (School of Education)
- Luis Dávila (Spanish and Portuguese)
- Heitor Martins (Emeritus, Spanish and Portuguese)
- John McDowell (Folklore and Ethnomusicology)
- Iris Rosa (African American and African Diaspora Studies, International Affairs)
- Beverly Stoeltje (Anthropology)

### Associate Professors

- Arlene Diaz (History)
- John Nieto-Phillips (History, Latino Studies)
- Vivian Nun Halloran (Comparative Literature)
- Philip Parnell (Criminal Justice, International Affairs)

### Senior Lecturer

- Juan Manuel Soto-Arriví

### Academic Advising

- Sioux Hill, Ballantine Hall 849, (812) 855-5257

### Area Studies Librarian

- Luis González (Chicano-Riqueño Studies Collection)

## Related Courses

Note: Courses listed from the School of Education will be outside credit hours for College of Arts and Sciences students.

### Anthropology

- E110 Indians of Mexico: Ancient and Modern (3 cr.) **S & H, CSA**
- E230 American Ethnic Diversity (3 cr.) **S & H**
- E240 Southwestern American Indian Ritual and Belief (3 cr.) **S & H, CSA**
- E321 Peoples of Mexico (3 cr.) **S & H, CSA**
- E329 Indians in the United States in the Twentieth Century (3 cr.) **S & H, CSA**
- E335 Ancient Civilizations of Mesoamerica (3 cr.) **CSA**
- E340 Indians of Mexico and Central America (3 cr.) **S & H, CSA**
- E457 Ethnic Identity (3 cr.) **S & H**
- L330 Mesoamerican Languages: Structure, History, Social Context (3 cr.) **S & H**
- P350 Archaeology of Ancient Mexico (3 cr.) **S & H, CSA**

**Criminal Justice**

- P303 Corrections and Criminal Justice (3 cr.) **S & H**
- P435 Minorities, Crime, and Social Policy (3 cr.) **S & H**

**Fine Arts**

- A346 Roots and Revolution: Early Twentieth-Century Mexican Art (3 cr.) **A & H, CSA**
- A452 Art of Pre-Columbian America (3–4 cr.) **S & H, CSA**

**Folklore and Ethnomusicology**

- F315 Latin American Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F356 Chicano Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F363 Women's Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**

**History**

- A352 History of Latinos in the United States (3 cr.) **S & H, CSA**
- F100 Issues in Latin American History (3 cr.) **S & H**
- F200 Issues in Latin American History (3 cr.) **S & H**
- H211-H212 Latin American Culture and Civilization I-II (3-3 cr.) **S & H, CSA**
- F300 Issues in Latin American History (3 cr.) **S & H**
- F345 History of Cuba and Puerto Rico (3 cr.) **S & H, CSA**
- F346 Modern Mexico (3 cr.) **S & H, CSA**

**Latin American and Caribbean Studies**

- L400 Contemporary Mexico (3 cr.) **S & H, CSA**

**Latino Studies**

- L101 Introduction to Latino Studies (3 cr.) **S & H, CSA**
- L102 Introduction to Latino History (3 cr.) **S & H, CSA**
- L103 Introduction to Latino Cultures (3 cr.) **S & H, CSA**
- L111 Latino Film: An Introduction and Overview (3 cr.) **S & H, CSA**
- L301 Latino Immigrants in United States Society (3 cr.) **S & H, CSA**
- L302 Latinos in the Media (3 cr.) **S & H, CSA**
- L325 Latinos on the Internet (3 cr.) **CSA**
- L380 Latino Education Across the Americas (3 cr.) **S & H, CSA**

**Sociology**

- S335 Race and Ethnic Relations (3 cr.) **S & H, CSA**

**Spanish and Portuguese***Language Courses*

- S175 Spanish for Hispanic Students I (4 cr.)

*Culture and Literature Courses*

- S220 Chicano and Puerto Rican Literature (3 cr.) **A & H, CSA**
- S284 Women in Hispanic Culture (3 cr.) **A & H, CSA**
- S412 Spanish America: The Cultural Context (3 cr.) **A & H, CSA**
- S413 Hispanic Culture in the United States (3 cr.) **A & H, CSA**

- S435 Literatura Chicana y Puertorriqueña (3 cr.) **A & H**
- S470 Women and Hispanic Literature (3 cr.) **A & H**
- S471-S472 Spanish American Literature I-II (3-3 cr.) **A & H**
- S474 Hispanic Literature and Society (3 cr.) **A & H**
- S479 Mexican Literature (3 cr.) **A & H**

**School of Education**

- M300 Teaching in a Pluralistic Society (3 cr.)
- H340 Education and American Culture (3 cr.)
- L441 Introduction to Bilingual Education (3 cr.)

## Classical Studies

**Introduction**

The Department of Classical Studies (CLAS) offers majors in ancient Greek, Latin, and classical civilization leading to the B.A. degree, as well as minors in ancient Greek, Latin, and classical civilization. The majors and minors in ancient Greek and Latin provide students the opportunity to study Greek and Latin literatures and cultures in the original languages. The classical civilization majors and minors offer students with little or no knowledge of the Greek and Latin languages the opportunity to study the Greek and Roman cultures from which much of our literature and thought and many of our institutions come.

**Contact Information**

Department of Classical Studies  
Indiana University  
Ballantine Hall 547  
Bloomington, IN 47405

(812) 855-6651  
[classics@indiana.edu](mailto:classics@indiana.edu)

<http://www.indiana.edu/~classics>

**Faculty****Chairperson**

- Matthew R. Christ

**Professors**

- Matthew R. Christ
- James L. Franklin Jr.
- Eleanor Winsor Leach
- Betty Rose Nagle

**Associate Professors**

- Cynthia J. Bannon
- Christina Iliias

**Assistant Professors**

- Bridget K. Balint
- Margaretha Kramer-Hajos
- Jonathan Ready

**Professors Emeriti**

- James Halporn
- William Hansen
- Thomas Jacobsen
- Timothy Long
- Carroll A. Nelson
- E. S. Ramage

- Ian Thomson

### Academic Advising

- Kim Hinton, Ballantine Hall 559, (812) 856-5933

## Secondary Teacher Certification

Because careful planning is necessary, students expecting to teach Latin at the high school level should confer with the undergraduate advisor at the beginning of their freshman year.

## Major in Latin or Greek

Students must complete a minimum of 27 credit hours, including the following:

1. 18 credit hours of Latin and Greek courses. For majors with a concentration in Latin, any Greek course and Latin courses at or above L250 (with the exception of L300) will apply to this requirement, and at least two of the Latin courses (not including L400 or L495) must be at the 400 level. For majors with a concentration in Greek, any Greek course and Latin courses at or above L200 (with the exception of L300) will apply to this requirement.
2. One of the following classical civilization courses: C308, C310, C311, C321, C350, C351, C360, C361, C395, C396, C397, C405, C409, C412, C413, C414, C416, C419, C420, C421, C422, C423, C491, or C494. Note: C494 is recommended. One course from the list of cross-listed courses for the Major in Classical Civilization may be applied to this requirement.
3. Six additional credit hours of Greek, Latin, or classical civilization courses. L100, L150, L300, and C209 do not apply to this requirement.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

Students should take courses in both Latin and Greek. Recommended electives are C101, C102, C205, C412, C413, and C414; any other foreign language courses; and courses in archaeology, comparative literature, English, fine arts, folklore, history, library science, linguistics, philosophy, and religious studies.

## Major in Classical Civilization: Culture and Literature

### Required Courses

Students must complete a minimum of 27 credit hours, including the following:

1. Two of the following: C101, C102, C205, C206.
2. One of the following: C308, C310, C311, C350, C351, C360, C361.
3. C494 or H494.
4. 9 credit hours of additional course work chosen from the following: C308, C310, C311, C321, C350, C351, C360, C361, C397, C405, C408, C409, C416, C491, or any of the courses cross-listed under Literature and Culture.
5. 6 credit hours of additional course work chosen from

- C308, C310, C311, C321, C350, C351, C360, C361, C397, C405, C408, C409, C416, C491, or any of the courses cross-listed under Culture and Literature.
- Any course(s) in Greek.
- Any course(s) in Latin at L200 or above (but not L300).
- C101, C102, C205.

Students must also complete the degree requirements of the College of Arts and Sciences.

## Major in Classical Civilization: Art and Archaeology

### Required Courses

Students must complete a minimum of 27 credit hours, including the following:

1. C206.
2. One of the following: C308, C310, C311, C350, C351, C360, C361.
3. C494 or H494.
4. 9 credit hours of specialized course work chosen from the following: C396, C412, C413, C414, C416, C419, C420, C421, C422, C423, or any of the courses cross-listed under Art and Archaeology.
5. 9 credit hours of additional course work chosen from
  - C396, C412, C413, C414, C416, C419, C420, C421, C422, C423, or any of the courses cross-listed under Art and Archaeology.
  - Any course(s) in Greek.
  - Any course(s) in Latin at L200 or above (but not L300).
  - C101, C102, C205.

Students must also complete the degree requirements of the College of Arts and Sciences.

## Minor in Greek

### Required Courses

15 credit hours or more in Greek, including at least 3 credit hours at the 300 or 400 level.

1. The minor is to be completed with an average grade of C or higher.
2. With the approval of the director of undergraduate studies, up to 3 credit hours of G495 may be substituted and counted toward the minor.
3. Students may transfer up to 6 hours of credit from another institution to count toward the minor with the approval of the director of undergraduate studies.

A student majoring in Greek or Latin may not earn a minor in Greek.

## Minor in Latin

### Required Courses

15 credit hours or more in Latin at or above the 200 level (excluding L300), including at least 6 hours at the 300–400 level (not including L400 or L495).

1. The minor is to be completed with an average grade of C or higher.

2. With the approval of the director of undergraduate studies, up to 3 credit hours of L495 may be substituted and counted toward the minor.
3. Students may transfer up to 6 hours of credit from another institution to count toward the minor with the approval of the director of undergraduate studies.

A student majoring in Greek or Latin may not earn a minor in Latin.

## Minor in Classical Civilization

### Required Courses

15 credit hours or more.

1. The minor is to be completed with an average grade of C or higher.
2. With the approval of the director of undergraduate studies, up to 3 credit hours of conference courses (C495, G495, L495) may be substituted and counted toward the minor.
3. Students may transfer up to 6 credit hours from another institution to count toward the minor with the approval of the director of undergraduate studies.

Two tracks are available:

### Culture and Literature Emphasis

The following courses are required: C101 or C102, C205 or C405. Any three of the following courses may be counted toward the minor: C308, C310, C311, C321, C350, C351, C360, C361, C397 or History C376, C377, C388, C390. See requirements 1, 2, and 3 above.

### Art and Archaeology Emphasis

The following courses are required: C101 or C102, C206. Any three of the following courses may be counted toward the minor: History C376, C377, C388, C390, or CLAS C396, C409, C411, C412, C414, C419, C420, C421, C422, C495. See requirements 1, 2, and 3 above.

## Departmental Honors Program

There are two requirements for earning departmental honors:

1. The honors candidate must maintain a minimum GPA of 3.300 overall and 3.500 in the major.
2. The honors candidate researches and completes an honors thesis or equivalent project under the close supervision of a faculty advisor during the senior year. The honors candidate enrolls in C399 and/ or C499 in the senior year to research and complete the thesis; this course work is in addition to the 27 credit hours required of the regular major. The thesis or project must represent original research focused on primary sources relating to the ancient Greeks and Romans and involve significant, analytical writing (30–40 pages). The finished thesis must be read and approved by the faculty supervisor and a second faculty reader.

## Study Abroad

Majors are encouraged to study overseas. The department participates in the programs available through College Year in Athens and the Intercollegiate Center for Classical Studies in Rome.

## Course Descriptions

### Ancient Greek Courses

**CLAS–G 100 Elementary Greek I (4 cr.)** Fundamentals of both classical and *koine* (New Testament) Greek; developing reading comprehension. Credit not given for both G100 and G301. I Sem.

**CLAS–G 150 Elementary Greek II (4 cr.)** P: G100 or equivalent. Fundamentals of both classical and *koine* (New Testament) Greek; developing reading comprehension; selections from classical authors and the New Testament. Credit not given for both G150 and G302. II Sem.

**CLAS–G 200 Greek Prose: Pagans and Christians (3 cr.)** P: G150 or equivalent. Reading from the New Testament and such authors as Aesop and Plato. Review of syntax and grammar. Credit not given for both G200 and G302. I Sem.

**CLAS–G 250 Greek Poetry: Homer (3 cr.)** P: G200 or equivalent. Selected readings from the *Iliad* or *Odyssey*. Credit not given for both G250 and G302. II Sem.

**CLAS–G 301 Classical Greek: Accelerated Course I (undergrad 5 cr.; grad 3 cr.)** Not open to students with credit in G100–G150, G200, G250. For advanced students (undergraduates who have already completed the language requirement for the B.A. in another language, or graduate students) with little or no knowledge of Greek. Designed to help students who wish to acquire the ability to read Greek literature. G301, I Sem.; G302, II Sem.

**CLAS–G 302 Classical Greek: Accelerated Course II (undergrad 5 cr.; grad 3 cr.)** Not open to students with credit in G100–G150, G200, G250. For advanced students (undergraduates who have already completed the language requirement for the B.A. in another language, or graduate students) with little or no knowledge of Greek. Designed to help students who wish to acquire the ability to read Greek literature. G301, I Sem.; G302, II Sem.

**CLAS–G 305 Greek Tragedy (3 cr.)** P: One of G250, G302, or G308. **A & H** One play of Sophocles and one of Euripides in the light of the social and cultural background.

**CLAS–G 306 Greek Oratory (3 cr.)** P: One of G250, G302, or G308. **A & H** Selected readings in the Greek orators, such as Lysias and Demosthenes, with some discussion of the development of prose artistry and rhetorical theory.

**CLAS–G 307 Selected Works of Plato (3 cr.)** P: One of G250, G302, or G308. **A & H** An introduction to the works of Plato, emphasizing the figure of Socrates.

**CLAS–G 308 Readings in Biblical Greek (3 cr.)** P: G200 or G302. **A & H** Selected readings from the New Testament and Septuagint. II Sem.

**CLAS–G 396 Classical Greek Abroad (1–9 cr.)** P: Acceptance into an approved Indiana University overseas study program. Credit for foreign study at an advanced level in Classical Greek when no equivalent course is available among departmental offerings. May be repeated for a maximum of 9 credit hours.

**CLAS–G 406 Homer (3 cr.)** P: One of G250, G302, or G308. **A & H** Introduction to the Homeric dialect and epic style and study of Homer's place in Greek culture through readings from the *Iliad* or *Odyssey*.

**CLAS–G 407 Greek Historians (3 cr.)** P: One of G250, G302, or G308. **A & H** Selections from Herodotus and Thucydides, with attention to the authors' literary style, their conception of history and the causation of events, and their portrayal of individuals and states.

**CLAS–G 410 Greek Prose Authors (3 cr.)** P: One of G250, G302, or G308. **A & H** Advanced reading material taken from such historians, orators, and philosophers as Thucydides, Demosthenes, Isocrates, Plato, and Aristotle.

**CLAS–G 411 Greek Comedy (3 cr.)** P: One of G250, G302, or G308. **A & H** Aristophanes and Menander; emphasis on the cultural background and the development of comic drama at Athens.

**CLAS–G 495 Individual Reading in Greek (1–3 cr.)** P: Consent of department. May be repeated once for a maximum of 6 credit hours.

### Latin Courses

**CLAS–L 100 Elementary Latin I (4 cr.)** Fundamentals of the language; develops direct reading comprehension of Latin. Credit not given for both L100 and L300. I Sem.

**CLAS–L 103 Intermediate Latin (4 cr.)** Intensive review of fundamentals of the language for students who have placed into the second semester of first-year study. Credit given for only one of L103, L150, or L300. I Sem.

**CLAS–L 150 Elementary Latin II (4 cr.)** P: L100 or equivalent. Fundamentals of the language; develops direct reading comprehension of Latin. Credit not given for both L150 and L300. II Sem.

**CLAS–L 200 Second-Year Latin I (3 cr.)** P: L103, L150 or placement. Reading from selected authors, emphasizing the variety of Latin prose. Examination of the concept of genre. Grammar review or prose composition. Credit not given for both L200 and L400. I Sem.

**CLAS–L 250 Second-Year Latin II (3 cr.)** P: L200 or placement. Reading from Virgil's *Aeneid* with examination of the epic as a whole. Prosody of dactylic hexameter and study of poetic devices. Grammar review. Credit not given for both L250 and L400. II Sem.

**CLAS–L 300 Intensive Introduction to Classical and Medieval Latin (4 cr.)** P: Completion of the B.A. language requirement in another language, or graduate student status. A rapid survey of fundamentals designed, with L400, to help students develop the ability to read Latin readily. Not open to undergraduate students with credit in any college Latin course. No credit given to students who have passed L100 or L150.

**CLAS–L 304 Catullus (3 cr.)** P: L250 or equivalent. **A & H** Selections from the poetry of Catullus with discussion of the cultural and political contexts. Some attention will be given to the origins and nature of Latin epigram and occasional verse.

**CLAS–L 305 Ovid (3 cr.)** P: L250 or equivalent. **A & H** Selections from the *Metamorphoses* and other writings; emphasis on Ovid's artistic and social importance. I Sem.

**CLAS–L 307 Cicero (3 cr.)** P: L250 or equivalent. **A & H** Selections from the orations, epistles, and philosophical writings; emphasis on Cicero's political importance and the influence of the man and his work. I Sem.

**CLAS–L 308 Caesar (3 cr.)** P: L250 or equivalent. **A & H** Readings from Caesar's *De Bello Gallico* and *De Bello Civili* with emphasis on syntax as well as a discussion of political background and Caesar as a cultural figure.

**CLAS–L 396 Classical Latin Abroad (1–9 cr.)** P: Acceptance into an approved Indiana University overseas study program. Credit for foreign study at an advanced level in Classical Latin when no equivalent course is available among departmental offerings. May be repeated for a maximum of 9 credit hours.

**CLAS–L 400 Intensive Study of Literary Latin (undergrad 4 cr., grad 3 cr.)** P: L300 or consent of instructor. For undergraduates who have already completed the language requirement for the B.A. in another language. May be taken for graduate credit. Designed to broaden and deepen students' knowledge of Latin literature as well as to improve their reading ability. Cicero and Virgil are among the authors read. No credit given to students who have passed L200 or L250. II Sem.

### 400-Level Courses

Classical Studies strongly recommends that students take two 300-level courses from L304, L305, L307, L308, L309, and L310 (or the equivalent) before enrolling in the following 400-level courses.

**CLAS–L 407 Roman Lyric and Elegy (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Introductory study of Roman lyric and elegiac poetry, with selections from Catullus, Horace, Tibullus, Propertius, and Ovid. Emphasis on interpretation of individual poems and on their place in the ancient traditions of lyric and elegy.

**CLAS–L 408 Roman Comedy (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Introductory study of ancient Roman comedy, with selections from Plautus and Terence. II Sem.

**CLAS–L 409 Readings in Medieval Latin (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Survey of the secular and religious literature of the Middle Ages; discussion of the later development of the Latin language; selections from such authors as Gregory of Tours, Isidore of Seville, Paul the Deacon, Matthew Paris, and Bernard of Cluny.

**CLAS–L 410 Advanced Prose Composition (3 cr.)** P: One of L304, L305, L307, L308, L309, L310, or consent of instructor. Exercises in composition requiring control of principal features of Latin syntax.

**CLAS–L 423 Roman Satire (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Representative satires of Horace, Persius, and Juvenal with emphasis on their literary qualities and on the historical development of Roman satire. Authors will be studied against the social and cultural background of their times.

**CLAS–L 424 Silver Age Historians (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Selections from Suetonius and Tacitus illustrating the characteristics of silver Latin prose and the authors' methods of depicting government and society in the early empire. Particular attention given to Tacitus's literary technique.

**CLAS–L 426 Rhetoric and Oratory (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. History of Roman rhetoric and oratory; emphasis on Cicero and Quintilian.

**CLAS–L 427 Virgil's Eclogues and Georgics (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Virgil's earlier work; emphasis on the development of his poetic technique and on the poet's role in the new order of Augustus.

**CLAS–L 428 Advanced Study of Virgil's *Aeneid* (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Extensive reading in the *Aeneid*, with special attention to the poetic art of Virgil. Detailed study of Latin epic poetry.

**CLAS–L 429 Roman Letters (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Selected letters of Cicero, Pliny, or Seneca, illustrating the art of letter writing in Rome and reflecting the personal interests and activities of the writers as well as the social and political conditions of their times.

**CLAS–L 430 Lucretius (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Extensive reading in the text of *De Rerum Natura* and consideration of Epicureanism as a philosophical and social movement.

**CLAS–L 432 Livy (3 cr.)** P: One of L304, L305, L307, L308, L309, or L310. Readings from Livy's Roman history with discussion of the author's methods and values.

**CLAS–L 495 Individual Reading in Latin (1–3 cr.)** P: Consent of department. May be repeated once for a maximum of 6 credit hours.

### Classics Courses

Classics courses (except C399 and C499) require no knowledge of the Greek or Latin language.

**CLAS–C 101 Ancient Greek Culture (3 cr.) A & H, CSA** Examination and evaluation of the ideas of the Greeks as reflected in their traditions and way of life and in their intellectual and artistic achievements. Selection from general works and Greek authors in English translation. I Sem.

**CLAS–C 102 Roman Culture (3 cr.) A & H, CSA** Examination and evaluation of the Romans as reflected in their traditions and way of life and in their intellectual and artistic achievements. Major topics: the person (rights, restrictions, environment), society and politics, intellectual and spiritual life. II Sem.

**CLAS–C 205 Classical Mythology (3 cr.) A & H, CSA** Introduction to Greek and Roman myths, legends, and tales, especially those that have an important place in the Western cultural tradition. I Sem., II Sem.

**CLAS–C 206 (FINA-A 206) Classical Art and Archaeology (3 cr.) A & H, CSA** Survey of the art and archaeology of classical lands from the Minoan-Mycenaean Age through classical Greece and Rome. Emphasis on the contribution of archaeology to our understanding of classical culture. I Sem., II Sem.

**CLAS–C 209 Medical Terms from Greek and Latin (2 cr.)** Basic vocabulary of some 1,000 words, together with materials for formation of compounds, enables the student to build a working vocabulary of several thousand words. Designed for those intending to specialize in medicine, nursing, dentistry, or microbiology. Does not

count toward the foreign language requirement or the distribution requirement. I Sem., II Sem.

**CLAS–C 308 Roman Law (3 cr.) A & H, CSA** An introduction to the Roman legal system and, more generally, to legal reasoning, with a focus on the Roman law of delict (roughly equivalent to tort). The course uses the casebook method, requiring daily participation in discussion of legal cases; other requirements include short writing exercises, exams, and papers.

**CLAS–C 310 Classical Drama (3 cr.) A & H, CSA** Masterpieces of ancient Greek and Roman theatre studied in relation to literary, archaeological, and artistic evidence for their production and interpretation.

**CLAS–C 311 Classical Epics (3 cr.) A & H, CSA** The development of Greek and Latin epic from the rich oral tradition of Homer to the strictly literary form exemplified by Virgil's *Aeneid*. Epic masterpieces are read with reference to relevant historical and archaeological background.

**CLAS–C 321 Classical Myth and Culture in Film (3 cr.)** P: C205 or permission of the instructor. **A & H, CSA** Examines depictions of ancient Greece and Rome in modern cinema and television. Questions to be asked: How historically accurate are these onscreen versions of antiquity? What conventions and stereotypes appear? How has classical mythology been treated? How do these films reflect the period in which they were made?

**CLAS–C 350 Greek Literature in Translation (3 cr.) A & H, CSA** Survey of Greek literature through selected literary works of such authors as Homer, Herodotus, Thucydides, Sophocles, Euripides, Aristophanes, and Plato.

**CLAS–C 351 The Golden Age of Athens (3 cr.) A & H, CSA** Literary and artistic masterpieces of classical Greece viewed against the intellectual, cultural, and political background of democratic Athens.

**CLAS–C 360 Roman Literature in Translation (3 cr.) A & H, CSA** Survey of Latin literature from its beginnings to the middle of the second century after Christ. Among authors read are Plautus, Terence, Catullus, Cicero, Horace, Virgil, Ovid, Petronius, Juvenal, Tacitus, and Apuleius.

**CLAS–C 361 The Golden Age of Rome (3 cr.) A & H** Literary and artistic masterpieces of the Augustan age viewed in connection with the foundation of the Roman Empire.

**CLAS–C 395 Topics in Classical Art and Archaeology (3 cr.)** P: CLAS C206 or FINA C206. Special topics in the history and study of classical archaeology. May be repeated once with a different topic for a maximum of 6 credit hours.

**CLAS–C 396 Classical Archaeology Abroad (1–9 cr.)** P: Acceptance into an approved Indiana University overseas study program. Credit for foreign study in classical archaeology when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 9 credit hours.

**CLAS–C 397 Classical Civilization Abroad (1–9 cr.)** P: Acceptance into an approved Indiana University overseas study program. Credit for foreign study in

Classical Civilization when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 9 credit hours.

**CLAS-C 399 Reading for Honors (1–12 cr.; max of 12 cr.)** P: Approval of departmental honors advisor. I Sem., II Sem.

**CLAS-C 405 Comparative Mythology (undergrad. 3 cr.; grad 4 cr.)** P: C205, graduate standing, or consent of instructor. **A & H** Advanced, theoretical study of the forms and functions of classical Greek and Roman myths, including reading and evaluation of comparable myths in ancient Near Eastern cultures (Egypt, Mesopotamia, Anatolia, Canaan). Comparative reading and evaluation of selected myths from outside the Mediterranean cultural area.

**CLAS-C 409 Roman Literature and Art (3 cr.)** P: C102, C206 or FINA A206. **A & H** An interdisciplinary investigation of selected works of Roman art and literature with attention to their common aesthetic ground, their role as expressions of Roman social ideology, and their place in the evolution of Roman culture.

**CLAS-C 412 (FINA-A 412) The Art and Archaeology of the Aegean (undergrad 3 cr.; grad 4 cr.)** P: CLAS C206 or FINA A206. **A & H, CSA** Introduction to the preclassical art and archaeology of the Aegean Basin: Greece, Crete, and the Aegean islands during the Stone and Bronze Ages (to about 1000 B.C.). Topics covered include Troy, Minoan Crete, and Mycenaean Greece.

**CLAS-C 413 (FINA-A 413) The Art and Archaeology of Greece (undergrad 3 cr.; grad 4 cr.)** P: CLAS C206 or FINA A206. **A & H** Art and archaeology of Greece from about 1000 B.C. through the Hellenistic period. Special attention given to the development of Greek architecture, sculpture, and vase painting. Continuation of CLAS C412 (FINA A412), but CLAS C412 (FINA A412) is not a prerequisite.

**CLAS-C 414 (FINA-A 414) The Art and Archaeology of Rome (undergrad 3 cr.; grad 4 cr.)** P: CLAS C206 or FINA A206. **A & H** Development of Roman architecture, sculpture, and painting from the beginning through the fourth century A.D. Consideration given to the major archaeological sites. Continuation of CLAS C413 (FINA A413), but CLAS C413 (FINA A413) is not a prerequisite.

**CLAS-C 416 Ovidian Mythology and Its Tradition (3 cr.)** P: C205, L305, or consent of instructor. **A & H** Study of Ovid's love poems and *Metamorphoses* and their importance for the transmission of classical mythology within the literary and artistic traditions of western Europe. Post-Ovidian examples will include selections from Spenser, Apuleius, Petrarch, Chaucer, and Shakespeare and paintings by Botticelli, Raphael, Coreggio, Titian, the Carracci, and Poussin.

**CLAS-C 419 The Art and Archaeology of Pompeii (undergrad 3 cr.; grad 4 cr.)** P: One of C102, C206, or FINA A206. **A & H** Survey of the archaeological evidence of the best-preserved ancient city, noting its importance to our knowledge of everyday life in the first century A.D.

**CLAS-C 420 Topography and Monuments of Athens (3 cr.)** P: One of C101, C206, or FINA A206. **A & H** An archaeological survey of the major monuments of ancient Athens from the prehistoric through the Roman eras.

Topics include basic architectural forms and their political, social, and religious functions; Athenian democracy, political patronage, and building programs; and the integration of historical sources and the archaeological record.

**CLAS-C 421 Topography and Monuments of Ancient Rome (3 cr.)** P: One of C102, C206, or FINA A206. **A & H** Study of the remains and knowledge of the physical fabric of ancient Rome, from its foundations through the high empire. It is the purpose of the course not only to introduce the student to the city and its monuments, but also through the monuments to provide a better understanding of the history of the city, its statesmen, and authors.

**CLAS-C 422 Greek Sculpture (3 cr.)** P: One of C101, C206, or FINA A206. Analytical survey of ancient Greek sculpture from the Archaic through the Classical periods (c. 600–323 B.C.). Topics include the origins and techniques of Greek sculptures; free-standing and architectural sculpture in religious, funerary, and public contexts; lost “masterpieces” of ancient Greek art; and the problems of Roman copies.

**CLAS-C 423 Ancient Painting (3 cr.)** P: C205. Minoan/Mycenaean palace painting; Hellenistic paintings in Macedonia; Etruscan and Lucanian tomb painting; Greek vases from Athens to Southern Italy and the public buildings and houses of the Roman world; Fayum portraits in Egypt and Roman catacombs.

**CLAS-C 491 Topics in Classical Studies (3 cr.)** A detailed examination of a particular aspect of classical civilization using a variety of literary and archaeological evidence.

**CLAS-C 494 Problems in Classical Civilization (3 cr.)** P: Junior or senior standing. R: 6 credit hours of literature. Detailed study of one aspect of the society and culture of Greece and Rome. Typical subjects: ancient literary criticism, the Classical Heritage, urban problems. May be repeated once for credit. **Note:** Offered fall only.

**CLAS-C 495 Individual Reading in Classics (1–3 cr.)** P: Consent of department. May be repeated once for a maximum of 6 credit hours.

**CLAS-C 498 Internship in Classical Studies (1–3 cr.)** P: Major standing; minimum GPA of 3.500; prior arrangement with faculty member or supervisor; departmental authorization. Supervised experience in teaching Latin, Greek, or classical civilization at the undergraduate level or supervised internship in a museum. May be repeated once for a maximum of 6 credit hours; only 3 credit hours may count toward the major with approval of the undergraduate advisor.

**CLAS-C 499 Reading for Honors (1–12 cr.; 12 max. cr.)** P: Approval of departmental honors advisor.

## Cross-Listed Courses

### Art and Archaeology

- ANTH-P 220 The Rise and Fall of Ancient Civilizations (3 cr.)
- ANTH-P 301 Archaeological Methods and Analyses (3 cr.)
- ANTH-P 409 Archaeological Ethics (3 cr.)
- FINA-A 310 Topics in Ancient Art (3 cr.)



- FINA-A 311 The Art of the Classical Age of Greece (3 cr.)
- FINA-A 312 The Art of the Roman Empire from Augustus to Constantine (3 cr.)
- FINA-A 313 Greek Pottery and Painting (3 cr.)
- FINA-A 314 History of Greek Sculpture (3 cr.)
- FINA-A 316 Ancient Art from Alexander the Great to Augustus (3 cr.)
- FINA-A 410 Topics in Ancient Art (3–4 cr.)
- FINA-A 415 Roman Painting (4 cr.)
- FINA-A 416 Greek Architecture (4 cr.)
- FINA-A 417 Roman Sculpture (4 cr.)
- FINA-A 418 Roman Architecture (4 cr.)

### Culture and Literature

- HIST-C 376 Greek History: Bronze Age to the Persian Wars (3 cr.)
- HIST-C 377 Greek History: The Persian Wars to the Legacy of Alexander (3 cr.)
- HIST-C 388 Roman History (3 cr.)
- HIST-C 390 The Decline and Fall of the Roman Empire (3 cr.)
- PHIL-P 201 Ancient Greek Philosophy (3 cr.)
- REL-A 220 Introduction to the New Testament (3 cr.)
- REL-A 305 Ancient Mediterranean Religions (3 cr.)
- REL-A 321 Paul and His Influence in Early Christianity (3 cr.)
- REL-A 420 Religions of Ancient Rome (3 cr.)

## Cognitive Science

### Introduction

The Cognitive Science Program (COGS) explores the nature of intelligent systems. At its core, the program focuses on formal theories of mind and information. The field is inherently interdisciplinary, with contributions from computer science, psychology, philosophy, neuroscience, linguistics, biology, anthropology, and other fields. Both natural intelligence (in humans and in animals) and artificial intelligence fall within the scope of inquiry. The field deals with aspects of complex cognition, computational models of thought processing, knowledge representation, dynamics of real-world engagement, and emergent behavior of large-scale interacting systems.

Goals of the Cognitive Science Program include a better understanding of mind, learning and teaching, cognitive skills, and the development of intelligent systems designed to augment human capacities in constructive ways.

The Cognitive Science Program is structured to give students fundamental skills, applicable in a wide variety of information-related careers: psychology, neuroscience, artificial intelligence, telecommunications, information processing, medical analysis, data representation and information retrieval, education, scientific research, human-computer interaction, multimedia, knowledge management, and information policy. The skills also have wide applicability in technical and expository writing, mathematical analysis, experimental techniques, and computer programming.

Students interested in a cognitive science degree are encouraged to take advantage of services and opportunities that complement their academic study: advising, colloquium series, internships, research, the Student Organization for Cognitive Science (SOCS), and a free technical report series.

### Contact Information

Cognitive Science Program  
Indiana University  
819 Eigenmann  
Bloomington, IN 47406-7512

(812) 855-0031

[cogsadv@indiana.edu](mailto:cogsadv@indiana.edu)

<http://www.cogs.indiana.edu/>

### Faculty

**Director of Cognitive Science and Chancellor's Professor of Psychological and Brain Sciences**

- Robert L. Goldstone

**Arthur F. Bentley Professor of Political Science**

- Elinor Ostrom

**Barbara B. Jacobs Chairs in Education and Technology**

- Sasha Barab
- Donald J. Cunningham
- Thomas M. Duffy

**Chancellor's Professor of Economics and Henry H. H. Remak Professor of West European Studies**

- Roy Gardner

**Chancellor's Professor of Education and Martha Lea and Bill Armstrong Chair in Teacher Education**

- Frank K. Lester (Emeritus)

**Chancellor's Professor of Linguistics**

- Daniel Dinnsen

**Chancellor's Professors of Psychological and Brain Sciences**

- James C. Craig
- David B. Pisoni
- Steven Sherman
- Eliot R. Smith

**College of Arts and Sciences Distinguished Professor of Cognitive Science**

- Douglas R. Hofstadter

**Distinguished Professor of Biology**

- Ellen D. Ketterson

**Distinguished Professor and Chancellor's Professor of Psychological and Brain Sciences**

- Robert Nosofsky

**Distinguished Professor and Luther Dana Waterman Professor of Psychological and Brain Sciences**

- Richard M. Shiffrin

### **Distinguished Professor, Chancellor's Professor, and Chair of Psychological and Brain Sciences**

- Linda B. Smith

### **Distinguished Professor and Rudy Professor of Psychological and Brain Sciences**

- James T. Townsend

### **Distinguished Scholar of Psychological and Brain Sciences**

- William Estes

### **Elinor Cox Riggs Professor**

- Aina Puce

### **John F. Mee Chair of Management**

- Philip Podsakoff

### **Oscar R. Ewing Professor of Philosophy**

- J. Michael Dunn (Emeritus)

### **Robert A Lucas Chair of Law**

- Jeffrey Evans Stake

### **Rudy Professor of Economics**

- George von Furstenberg (Emeritus)

### **Rudy Professor of Informatics and Computing**

- Alessandro Vespignani

### **Rudy Professor of Statistics, Psychological and Brain Sciences, and Sociology**

- Stanley Wasserman

### **Tanis Chair of History and Philosophy of Science**

- Elisabeth Lloyd

### **Victor H. Yngve Professor of Information Science**

- Katy Börner

### **Professors**

- Joyce Alexander (School of Education)
- Colin Allen (History and Philosophy of Science, Cognitive Science)
- Sasha Barab (School of Education)
- Kathleen Bardovi-Harlig (Second Language Studies)
- Randell Beer (Computer Science, School of Informatics and Computing, Cognitive Science)
- Geoffrey P. Bingham (Psychological and Brain Sciences)
- Curtis Bonk (School of Education)
- Katy Börner (School of Library and Information Science)
- Arthur Bradley (School of Optometry)
- Jerome Busemeyer (Psychological and Brain Sciences)
- Thomas Busey (Psychological and Brain Sciences)
- Edward Castronova (Telecommunications)
- Phil Connell (Speech and Hearing Sciences)
- James C. Craig (Psychological and Brain Sciences)
- Donald Cunningham (School of Education, School of Informatics and Computing, Semiotic Studies)
- Stuart Davis (Linguistics)
- Daniel Dinnsen (Linguistics)
- Thomas Duffy (School of Education)
- William Estes (Psychological and Brain Sciences)
- Steven Franks (Slavic Languages and Literatures, Linguistics)
- Roy Gardner (Economics)
- Preston Garraghty (Psychological and Brain Sciences)
- Judith Gierut (Speech and Hearing Sciences)
- Robert L. Goldstone (Psychological and Brain Sciences, Cognitive Science)
- Andrew Hanson (School of Informatics and Computing)
- Jeffrey Hart (Political Science)
- Beverly Hartford (Linguistics)
- Julia Heiman (Psychological and Brain Sciences)
- Edward Hirt (Psychological and Brain Sciences)
- Douglas R. Hofstadter (Cognitive Science)
- Susan S. Jones (Psychological and Brain Sciences)
- Ellen D. Ketterson (Biology, Gender Studies)
- Marianne Kielian-Gilbert (Jacobs School of Music)
- John Kruschke (Psychological and Brain Sciences)
- Annie Lang (Telecommunications)
- David Leake (School of Informatics and Computing)
- Elisabeth Lloyd (History and Philosophy of Science, Biology)
- David MacKay (Kelley School of Business, Geography)
- Emilia Martins (Biology)
- Eugene McGregor (School of Public and Environmental Affairs)
- Michael McRobbie (Philosophy, School of Informatics and Computing)
- Lawrence Moss (Mathematics)
- Laura Murray (Speech and Hearing Sciences)
- Robert Nosofsky (Psychological and Brain Sciences)
- Timothy O'Connor (Philosophy)
- Elinor Ostrom (Political Science, School of Public and Environmental Affairs)
- David Pisoni (Psychological and Brain Sciences)
- Jonathan Plucker (School of Education)
- Philip Podsakoff (Kelley School of Business)
- Aina Puce (Psychological and Brain Sciences)
- Paul Purdom (School of Informatics and Computing)
- Charles Reigeluth (School of Education)
- Matthias Scheutz (School of Informatics and Computing, Cognitive Science)
- Kathy Schick (Anthropology)
- Thomas Schwen (School of Education)
- Steven Sherman (Psychological and Brain Sciences)
- Robert Sherwood (School of Education)
- Richard M. Shiffrin (Psychological and Brain Sciences)
- Martin Siegel (School of Education, School of Informatics and Computing)
- Eliot R. Smith (Psychological and Brain Sciences)
- Linda B. Smith (Psychological and Brain Sciences)
- Olaf Sporns (Psychological and Brain Sciences)
- Jeffrey Evans Stake (Maurer School of Law)
- Larry Thibos (School of Optometry)
- Peter Todd (Psychological and Brain Sciences, School of Informatics and Computing, Cognitive Science)
- Nicholas Toth (Anthropology)

- James T. Townsend (Psychological and Brain Sciences)
- Michael W. Trosset (Statistics)
- Dirk Van Gucht (Computer Science)
- Alessandro Vespignani (School of Informatics and Computing)
- Stanley Wasserman (Psychological and Brain Sciences, Statistics)
- Arlington Williams (Economics)
- Wayne Winston (Kelley School of Business)
- Larry Yaeger (School of Informatics and Computing)

### Professors Emeriti

- Ivor Davies (School of Education)
- J. Michael Dunn (Philosophy, School of Informatics and Computing)
- S. Lee Guth (Psychological and Brain Sciences)
- Diane Kewley-Port (Speech and Hearing Sciences)
- Eugene Kintgen (English)
- Frank K. Lester (School of Education)
- Daniel Maki (Mathematics)
- Christopher Peebles (Anthropology)
- Robert Port (Linguistics)
- Alfred Strickholm (School of Medicine)
- Maynard Thompson (Mathematics)
- William Timberlake (Psychological and Brain Sciences)
- George von Furstenberg (Economics)
- Charles S. Watson (Speech and Hearing Sciences)

### Adjunct Professor

- James D. Miller (Speech and Hearing Sciences)

### Associate Professors

- Julie D. Anderson (Speech and Hearing Sciences)
- Raquel Anderson (Speech and Hearing Sciences)
- Eli Bleviss (School of Informatics and Computing)
- Rowan Candy (School of Optometry)
- Joseph Clements (Linguistics, Spanish and Portuguese)
- Kenneth de Jong (Linguistics)
- Hamid R. Ekbia (School of Library and Information Science, Cognitive Science)
- Tom Evans (Geography)
- Julia Fox (Telecommunications)
- Theodore Frick (School of Education)
- Michael Gasser (School of Informatics and Computing)
- Lisa Gershkoff-Stowe (Speech and Hearing Sciences)
- Jason Gold (Psychological and Brain Sciences)
- Amy Hackenberg (School of Education)
- Kenneth E. Hay (School of Education)
- Daniel Hickey (School of Education)
- Eric Isaacson (Jacobs School of Music)
- Yoshihisa Kitagawa (Linguistics)
- Jennifer Lentz (Speech and Hearing Sciences)
- Filippo Menczer (School of Informatics and Computing)
- Jonathan Mills (School of Informatics and Computing)
- John Paolillo (School of Informatics and Computing, School of Library and Information Science)

- Luis Pessoa (Psychological and Brain Sciences)
- Robert Potter (Telecommunications)
- Christopher Raphael (School of Informatics and Computing)
- Gregory J. E. Rawlins (School of Informatics and Computing)
- Luis Rocha (School of Informatics and Computing)
- Dennis Senchuk (Philosophy)
- Bruce Solomon (Mathematics)
- Frances Trix (Anthropology, Linguistics)
- Frederick Unverzagt (Psychiatry, School of Medicine)
- Jonathan Weinberg (Philosophy)

### Assistant Professors

- John M. Beggs (Physics)
- Tessa Bent (Speech and Hearing Sciences)
- Joshua W. Brown (Psychological and Brain Sciences)
- Theresa Burnett (Speech and Hearing Sciences)
- Markus Dickinson (Linguistics)
- Ying Ding (School of Library and Information Science)
- Melissa Gresalfi (School of Education)
- Dennis Groth (School of Informatics and Computing)
- Amit Hagar (History and Philosophy of Science)
- Laura Hurley (Biology)
- Thomas James (Psychological and Brain Sciences)
- Michael Jones (Psychological and Brain Sciences, Cognitive Science)
- Karen Iler Kirk (Otolaryngology, School of Medicine)
- Sandra Kùebler (Linguistics)
- Sharlene Newman (Psychological and Brain Sciences)
- Robert J. Rydell (Psychological and Brain Sciences)
- Kalpana Shankar (School of Informatics and Computing)
- David Stringer (Second Language Studies)
- Catharine Wyss (School of Informatics and Computing)
- Chen Yu (Psychological and Brain Sciences)

### Associate Scientists

- Erick Janssen (Psychological and Brain Sciences, The Kinsey Institute)
- Gary Kidd (Speech and Hearing Sciences)

### Senior Lecturer

- Leah Savion (Philosophy)

### Director of Technology

- Ruth Eberle

### Academic Advising

- Izabela Ziolkowska-Kenney, Eigenmann Hall 818, (812) 856-0052

## Major in Cognitive Science—B.A.

### Required Courses

In addition to the degree requirements for the B.A. degree in the College of Arts and Sciences, including the requirement for a minimum of 25 College of Arts and Sciences credit hours in the major subject area, students must complete the following:

1. **CORE:** The five-course sequence: Q240, Q250, Q260, Q270, and Q320. Q260 and Q320 are first- and second-8-week courses, respectively, and are normally scheduled so that they may be taken consecutively during the same semester. Cognitive science majors who earn a grade of B or higher in CSCI-C 211 or equivalent are exempt from Q260.

2. **CONCENTRATION:** Three courses in one of the following areas: cognition, computation, foundations, informatics, language, logic, and neuroscience. Of these three courses, at least two must be at or above the 200 level, and at least one at or above the 300 level.

The following courses are preapproved for the seven concentrations:

- **Cognition:** COGS Q301; PSY P325, P329, P330, P335, P350, P424, P435, P438, P440, P441, P443; SPHS S307.
- **Computation:** COGS Q351, Q360; CSCI A321, C211, C212, C241, C311, C335, C343, B351 (or their honors equivalents)
- **Foundations:** PHIL P310, P312, P320, P360, P366
- **Informatics:** INFO I210 (or CSCI A201), I211 (or CSCI A202 or C212), I300, I320; CSCI A346
- **Language:** LING L303, L306, L307, L308, L310, L325, L430, L490; PSY P438, P441; SPHS S201, S290, S302, S307, S319, S333, S378, S420, S436
- **Logic:** PHIL P250, P251, P350, P352; MATH M384, M385; CSCI B401, P415
- **Neuroscience:** COGS Q301; PHYS P317; PSY P326, P337, P346, P407, P410, P411, P423, P426, P441

In addition to these preapproved concentrations, other specialized concentrations may be designed by individual students and submitted for approval to the cognitive science undergraduate curriculum committee.

3. **BREADTH:** Three ADDITIONAL courses from at least two different departments, outside of the concentration area. For a list of such courses, please see the section of this *Bulletin* entitled "Courses Related to Cognitive Science," which can be found under "Cognitive Science." The cognitive science undergraduate curriculum committee must approve courses not on the list on an individual basis.

4. **SENIOR SEMINAR:** Students must complete COGS Q400 Senior Seminar in the Cognitive and Information Sciences.

## Major in Cognitive Science—B.S.

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Mathematics: three courses to include (a) MATH-M 211; (b) another MATH course at or above the 200 level; (c) another MATH course at or above the 300 level (includes PSY-K 300 and equivalent statistics courses).
3. Foreign language: three semesters in the same language, or equivalent proficiency.
4. One Topics course (COLL-E 103, E105, E105, or approved equivalents)
5. Arts and Humanities: two courses.

6. Social and Historical Studies: two courses.
7. Natural and Mathematical Sciences: two courses.

### Major Requirements

1. **CORE:** The five-course sequence: Q240, Q250, Q260, Q270, and Q320. Q260 and Q320 are first- and second-8-week courses respectively and are normally scheduled so that they may be taken consecutively during the same semester. Cognitive science majors who receive a grade of B or higher in CSCI-C 211 or equivalent are exempt from Q260.

2. **CONCENTRATION:** Three courses in one of the following areas: cognition, computation, informatics, language, logic, and neuroscience. Of these three courses, at least two must be at or above the 200 level, and at least one at or above the 300 level.

The following courses are preapproved for the six concentrations:

- **Cognition** Psychological and Brain Sciences P325, P329, P330, P335, P350, P424, P435, P438, P440, P441, P443; Speech and Hearing Sciences S307.
- **Computation** Cognitive Science Q351, Q360; Computer Science A321, C211, C212, C241, C311, C335, C343, B351 (or their Honors equivalents).
- **Informatics** Informatics I210 (or Computer Science A201), I211 (or Computer Science A202 or C212), I300, I320; Computer Science A346.
- **Language** Linguistics L303, L306, L307, L308, L310, L325, L430, L490; Psychological and Brain Sciences P438, P441; Speech and Hearing Sciences S201, S290, S302, S307, S319, S333, S378, S420, S436.
- **Logic** Philosophy P250, P251, P350, P352; Mathematics M384, M385; Computer Science B401, P415.
- **Neuroscience** Physics P317; Psychological and Brain Sciences P326, P337, P346, P407, P410, P411, P423, P426, P441.

In addition to these preapproved concentrations, other specialized concentrations may be designed by individual students and submitted for approval to the cognitive science undergraduate curriculum committee.

3. **COGS:** Q301 Brain and Cognition.

4. **COMPUTATION:** Two courses at the 200-level or above from the approved list of courses in Computer Science. Please see the listing for "Computer Science" in the section of this *Bulletin* entitled "Courses Related to Cognitive Science," which can be found under "Cognitive Science."

5. **BREADTH:** Three ADDITIONAL courses from at least two different departments, outside of the concentration area. For a list of such courses, please see the section of this *Bulletin* entitled "Courses Related to Cognitive Science," which can be found under "Cognitive Science." The cognitive science undergraduate curriculum committee must approve courses not on the list on an individual basis.

6. **SENIOR SEMINAR:** Students must complete Q400 Senior Seminar in the Cognitive and Information Sciences.

7. **RESEARCH:** At least 6 credit hours from any combination of COGS Q493, Q495, and Q499.

## Minor in Cognitive Science

At least 15 credit hours in cognitive science, including:

1. At least two of the following courses: Q240, Q250, and Q270.
2. One additional course (or course sequence) in math/logic or computation for cognitive science:
  - Q250 (unless used to satisfy requirement 1) or
  - Q260 and Q320 (Q260 may be exempted for students with strong computational backgrounds) or
  - Q351
3. Additional course work from the list of courses approved for the COGS major, to satisfy the requirement of 15 credit hours.
4. At least 6 credit hours in the minor must be at the 300-400 level.

## Departmental Honors Program

Students who, in addition to fulfilling the requirements for the major in cognitive science, also carry out an independent project and an honors thesis may be eligible for honors in cognitive science. Application for admission to the cognitive science honors program may be made during the sophomore or junior year to the director of undergraduate studies in cognitive science. Students must have a minimum cumulative grade point average of 3.300 to be eligible for consideration and must maintain this minimum average to graduate with honors. Students must take Q499. The honors thesis must be certified by a committee of at least three faculty members. The committee director and at least one other member must be Cognitive Science Program faculty. Students who wish to combine honors projects in cognitive science and another department or program may apply to both areas, and every attempt will be made to accommodate such a plan.

## Course Descriptions

**COGS-Q 240 Philosophical Foundations of the Cognitive and Information Sciences (4 cr.) A & H** Foundational introduction to the cognitive and information sciences. The primary themes are: (1) causal issues such as functional and computational architecture (e.g., modularity, effectiveness, and implementation, analog/digital), neuroscience, and embodied dynamics; and (2) semantic issues such as meaning, representation, content, and information flow. The role of both themes in logic, perception, computation, cognition, and consciousness. Throughout, an emphasis on writing, analysis, and exposition.

**COGS-Q 250 Mathematics and Logic for the Cognitive and Information Sciences (4 cr.) P:** Mastery of two years of high school algebra or the equivalent. **N & M** An introduction to the suite of mathematical and logical tools used in the cognitive and information sciences, including finite mathematics, automata and computability theory, elementary probability, and statistics, together with short introductions to formal semantics and dynamical systems.

**COGS-Q 260 Programming for the Cognitive and Information Sciences (2 cr.) P:** Mastery of two years

of high school algebra or the equivalent. Students will learn to write simple computer programs. Programming assignments will focus on the implementation of an important class of models from cognitive science, such as neural networks or production systems.

**COGS-Q 270 Experiments and Models in Cognition (4 cr.) P:** Mastery of two years of high school algebra or the equivalent. **R:** PSY K300 or equivalent familiarity with statistics. **N & M** This course develops tools for studying mind and intelligence, including experimental techniques, and mathematical and computational models of human behavior. Topics include neural structures for cognition, attention, perception, memory, problem solving, judgment, decision making, and consciousness. Students will design and analyze laboratory experiments and apply formal models to the results.

**COGS-Q 301 Brain and Cognition (3 cr.) R:** PSY P101. **N & M** An introduction to the neural mechanisms underlying complex cognition, and a survey of topics in neuroscience related to cognition. The course provides a solid background in human biopsychology. If Q301 is not offered in a given year, PSY P423 Human Neuropsychology may be substituted for this course.

**COGS-Q 320 Computation in the Cognitive and Information Sciences (2 cr.) P:** COGS Q260 or CSCI C211 with a grade of B or higher. Students will develop their computer programming skills and learn to write programs that simulate cognitive processes and run experiments with human subjects. The relation between computation and intelligence and a selection of approaches from artificial intelligence will be explored.

**COGS-Q 351 Introduction to Artificial Intelligence and Computer Simulation (3 cr.) P:** CSCI C211 or consent of instructor. **N & M** A survey of techniques for machine intelligence and their relation to human intelligence. Topics include modeling techniques, neural networks and parallel processing systems, problem-solving methods, knowledge representation, expert systems, vision, heuristics, production systems, speech perception, and natural language understanding. Students who have completed both C463 and C464 are exempted from taking this course. Credit not given for both COGS Q351 and CSCI B351.

**COGS-Q 360 Autonomous Robotics (3 cr.) P:** Two semesters of computer programming or consent of instructor. Introduction to the design, construction, and control of autonomous mobile robots. Includes basic mechanics, electronics, and programming for robotics, as well as the applications of robots in cognitive science. Credit given for only one of Q360 or CSCI B355.

**COGS-Q 400 Senior Seminar in Cognitive and Information Sciences (2 cr.) P:** Four classes from Q240, Q250, Q260, Q270, and Q320. This course is intended for students who have completed or nearly completed their cognitive science course work. Students will apply previously acquired analytic, computational, mathematical, and experimental skills to independent research projects. Discussion and research topics may include consciousness, representation, artificial life, modularity, neural networks, functionalism and embodiment, dynamical systems, learning and innateness,

human-computer interaction, cognitive neuroscience, robotics, and adaptive systems.

**COGS–Q 450 Topics in the Cognitive and Information Sciences (3 cr.)** In-depth special topics not ordinarily covered in other departmental courses. Topics vary with instructor and semester. May be repeated once with a different topic for a maximum of 6 credit hours.

**COGS–Q 493 Research in the Cognitive and Information Sciences (1–3 cr.)** P: Consent of instructor. Active participation in research under faculty supervision. May be repeated for a maximum of 6 credit hours.

**COGS–Q 495 Project in the Cognitive and Information Sciences (1–3 cr.)** P: Consent of instructor. Students will conduct a research project in the cognitive and information sciences by designing, conducting, and analyzing an independent experiment; by developing and testing a computer simulation of some aspect of cognition; or by otherwise engaging in a program of original research. Projects must be approved in advance and supervised by the instructor. May be repeated (for the same or a different project) for a maximum of 6 credit hours.

**COGS–Q 496 Internship in Professional Practice (1–6 cr.)** P: Sophomore standing or 15 credit hours completed in cognitive science major or minor, and approval by the Cognitive Science Program. Professional work experience in an industry or research organization setting, using skills/knowledge acquired in cognitive science course work. Requires learning contract. Evaluation by site supervisor and Cognitive Science Program. Does not count toward major or minor requirements; elective credit only. May be repeated for a total of 6 credit hours. S/F grading.

**COGS–Q 498 Readings in the Cognitive and Information Sciences (1–3 cr.)** P: Consent of instructor. Tutorial study in specialized topics of the cognitive and information sciences. May be repeated for a maximum of 6 credit hours.

**COGS–Q 499 Honors Research Project in the Cognitive and Information Sciences (3 cr.)** P: An Honors Committee approved by the Cognitive Science Program. Methods of research in cognitive science are analyzed. Students present their projects for discussion and analysis. May be repeated for a maximum of 12 credit hours.

## Courses Related to Cognitive Science

The following courses in other departments are considered to lie within the scope of cognitive science. All the courses listed below are pre-approved for the breadth requirements for both the B.A. and the B.S. in Cognitive Science. In addition, those marked with an asterisk (\*) are pre-approved to meet the concentration requirements for these degrees. Note that courses taken in the School of Informatics and Computing will be outside hours for College of Arts and Sciences students. See advisor for additional breadth course options.

### Computer Science

- \*A201 Introduction to Programming I (4 cr.) N & M
- \*A202 Introduction to Programming II (4 cr.) N & M

- \*A321 Computing Tools for Scientific Research (4 cr.) N & M
- A304 Introductory C++ Programming (2 cr.)
- A306 Object-Oriented Programming in C++ (2 cr.)
- \*A346 User-Interface Programming (3 cr.)
- \*B351 Introduction to Artificial Intelligence and Computer Simulation (3 cr.) N & M (cross-listed as COGS Q351)
- \*B355 Autonomous Robotics (3 cr.) (cross-listed as COGS Q360)
- \*B401 Fundamentals of Computing Theory (3 cr.) N & M
- \*C211 Introduction to Computer Science (4 cr.) N & M
- \*H211 Introduction to Computer Science, Honors (4 cr.) N & M
- \*C212 Introduction to Software Systems (4 cr.) N & M
- \*H212 Introduction to Software Systems, Honors (4 cr.) N & M
- \*C241 Discrete Structures for Computer Science (3 cr.) N & M
- \*H241 Discrete Structures for Computer Science, Honors (3 cr.) N & M
- \*C311 Programming Languages (4 cr.) N & M
- \*H311 Programming Languages, Honors (4 cr.) N & M
- \*C335 Computer Structures (4 cr.) N & M
- \*H335 Computer Structures, Honors (4 cr.) N & M
- \*C343 Data Structures (4 cr.) N & M
- \*H343 Data Structures, Honors (4 cr.) N & M
- \*P415 Introduction to Verification (3 cr.) N & M

### School of Informatics and Computing

- I101 Introduction to Informatics (3 cr.)
- \*I210 Information Infrastructure I (4 cr.)
- \*I211 Information Infrastructure II (4 cr.)
- \*I300 Human Computer Interaction (3 cr.)
- \*I320 Distributive Systems and Collaborative Computing (3 cr.)

### Linguistics

- L103 Introduction to the Study of Language (3 cr.) S & H
- L210 Topics in Language and Society (3 cr.) S & H
- \*L303 Introduction to Linguistic Analysis (3 cr.) N & M
- \*L306 Phonetics (3 cr.) N & M
- \*L307 Phonology (3 cr.) N & M
- \*L308 Morphology (3 cr.) N & M
- \*L310 Syntax (3 cr.) N & M
- \*L325 Semantics (3 cr.) N & M
- \*L430 Language Change and Variation (3 cr.) S & H
- L431 Field Methods (3 cr.)
- L432 Advanced Field Methods (3 cr.)
- \*L490 Linguistic Structures (3 cr.)

### Mathematics

- \*M384 Modal Logic (3 cr.) N & M
- \*M385 Mathematics from Language (3 cr.) N & M

### Philosophy

- P100 Introduction to Philosophy (3 cr.) A & H
- P105 Thinking and Reasoning (3 cr.) A & H

- \*P250 Introductory Symbolic Logic (3 cr.) N & M
- \*P251 Intermediate Symbolic Logic (3 cr.) N & M
- \*P310 Topics in Metaphysics (3 cr.) A & H
- \*P312 Topics in the Theory of Knowledge (3 cr.) A & H
- \*P320 Philosophy and Language (3 cr.) A & H
- \*P350 Logic of Sets (3 cr.)
- \*P352 Logic and Philosophy (3 cr.) A & H
- \*P360 Introduction to Philosophy of Mind (3 cr.) A & H
- \*P366 Philosophy of Action (3 cr.) A & H

### Physics

- \*P317 Signals and Information Processing in Living Systems (3 cr.)

### Psychological and Brain Sciences

- P101 Introductory Psychology I (3 cr.) N & M
- P155 Introduction to Psychological and Brain Sciences (3 cr.) N & M or P106 General Psychology, Honors (4 cr.) N & M
- P201 An Introduction to Neuroscience (3 cr.) N & M
- P211 Methods of Experimental Psychology (3 cr.) N & M
- \*P325 Psychology of Learning (3 cr.) N & M
- \*P326 Behavioral Neuroscience (3 cr.)
- \*P329 Sensation and Perception (3 cr.) N & M
- \*P330 Perception/Action (3 cr.) N & M
- \*P335 Cognitive Psychology (3 cr.) N & M
- \*P337 Clinical Neuroscience (3 cr.)
- \*P346 Neuroscience (3 cr.)
- P349 Cognitive Neuroscience (3 cr.)
- \*P350 Human Factors/Ergonomics (3 cr.) N & M
- P405 Elementary Mathematical Psychology (3 cr.) N & M
- \*P407 Drugs and the Nervous System (3 cr.)
- \*P410 Development of the Brain and Behavior (3 cr.)
- \*P411 Neural Bases of Learning and Memory (3 cr.)
- P417 Animal Behavior (3 cr.) N & M
- \*P423 Human Neuropsychology (3 cr.)
- \*P424 Laboratory in Sensation and Perception (3 cr.)
- \*P426 Laboratory in Behavioral Neuroscience (3 cr.)
- P429 Laboratory in Developmental Psychology (3 cr.)
- P433 Laboratory in Neuroimaging Methods (3 cr.)
- \*P435 Laboratory in Human Learning and Cognition (3 cr.)
- \*P438 Language and Cognition (3 cr.) N & M
- \*P440 Topics in Cognitive Psychology (3 cr.)
- \*P441 Neuropsychology of Language (3 cr.)
- \*P443 Cognitive Development (3 cr.)
- P444 Developmental Psychobiology (3 cr.)
- P448 Social Judgment and Person Perception (3 cr.)

### Speech and Hearing Sciences

- \*S201 Speech and Hearing Physiology (3 cr.) N & M
- \*S290 Spoken Language Computer Interfaces (3 cr.) N & M
- \*S302 Acoustics for Speech and Hearing Sciences N & M
- \*S307 Cognitive and Communicative Aspects of Aging (3 cr.) N & M

- \*S319 Mathematical Foundation for Speech and Hearing Sciences (3 cr.) N & M
- \*S333 Survey of Children's Language Development (3 cr.)
- \*S378 Introduction to Psychoacoustics (3 cr.)
- \*S420 Phonological Acquisition and Disorders in Children (3 cr.)
- \*S433 Childhood Language (3 cr.) N & M
- \*S436 Language Disorders in Children (3 cr.)

## Communication and Culture

### Introduction

The Department of Communication and Culture (CMCL) advances the study of communication as a cultural practice and teaches an array of perspectives that enable students to prepare broadly for a variety of careers. Requirements for the major and minor are flexible in order to promote individualized programs of study in three interrelated aspects of communication: rhetoric and public culture, film and media, and performance and ethnographic studies.

Rhetorical studies orient students to the strategic dimension of human communication associated with deliberation, advocacy, and persuasion in a variety of social, political, and professional settings. Studies of media focus primarily on film and television, with additional emphasis on topics such as radio, recorded music, and interactive digital technologies. Performance and ethnographic studies explore an array of communicative practices, from the conversations and disputes of everyday life to artful performances at cultural events, which are the competencies essential for participation in social life.

Students in the department make use of these approaches to the study of communication to examine links among social, corporate, and governmental organizations; to study the formation of individual and group identity in contemporary culture; to explore the connections between ideology and politics; and to bring intercultural and transnational considerations into focus by examining how diversity and differences of various kinds are negotiated across boundaries. Students prepare to become productive citizens of a democratic culture while gaining a thorough understanding of the theory, history, production, and critique of public communication.

### Contact Information

Communication and Culture  
Indiana University  
800 E. 3rd St.  
Bloomington, IN 47405

(812) 855-1727  
[cmcl@indiana.edu](mailto:cmcl@indiana.edu)

<http://www.indiana.edu/~cmcl/>

## Faculty

### Department Chair

- Professor Gregory A. Waller

### Distinguished Professor

- Richard Bauman (Emeritus, Folklore and Ethnomusicology)

### Chancellor's Professor

- James Naremore (Emeritus)

### Professors

- James Andrews (Emeritus)
- Patricia Hayes Andrews (Emerita)
- Robert Ivie
- Barbara Klingler
- John Lucaites
- Darlene Sadlier (Spanish and Portuguese)
- William E. Wiethoff (Emeritus)

### Associate Professors

- Chris Anderson
- Carolyn Calloway-Thomas
- Jane Goodman
- Joan Hawkins
- Phaedra Pezzullo
- Susan Seizer
- Jon Simons
- Robert Terrill

### Assistant Professors

- Karen Bowdre
- Stephanie DeBoer
- Ilana Gershon
- Mary Gray
- Michael Kaplan
- Susan Lepselter
- Joshua Malitsky
- Ted Striplas

### Director of C121 Public Speaking

- Cynthia Duquette Smith

### Director of C122 Interpersonal Communication

- Jennifer Robinson

### Academic Advising

- Amy Cornell, 800 E. Third St., Room 263, (812) 855-7217
- Tara Kaufman, 800 E. Third St., Room 259, (812) 855-5443

## Minor in Communication and Culture

### Required Courses

Students may complete a minor in the department by meeting the following requirements:

1. A total of 15 credit hours in the department.
2. C190 or C205.
3. 9 credit hours of upper-division (300- and 400-level) courses in the department, of which at least 3 credit hours must be at the 400 level.

The Department of Communication and Culture will not accept courses completed through Independent Studies in fulfillment of major or minor requirements.

## Major in Communication and Culture

### Requirements

Students must complete the following:

1. A minimum of 30 credit hours in the department, with no more than 6 of those credit hours at the 100 level.
2. C190 and C205.
3. 15 credit hours of upper-division (300- and 400-level) courses in the department, of which at least 6 credit hours must be at the 400 level.

Students must complete the degree requirements of the College of Arts and Sciences.

### Careers and Combined Programs

Programs of study that combine a major in the department with carefully selected minors and electives in other departments can prepare students for careers and advanced studies in law, consumer and social advocacy, government, communication research and education, business, public relations, public service, politics, filmmaking, film criticism, television production, the ministry, and other professions demanding competence in communication. Interested students should consult with the department's director of undergraduate studies or undergraduate advisor.

### Departmental Honors Program

The honors program in the Department of Communication and Culture is designed to encourage outstanding students to undertake research and creative projects, to work closely with departmental faculty in directed readings and research, and to participate in courses reserved for honors students.

Students majoring in Communication and Culture may be invited into the honors program during their junior year. Those considered for the honors program may be nominated by a member of the faculty, or they may nominate themselves. To be considered for the honors program, students must:

1. be of junior standing or have completed at least 15 credit hours in the Department of Communication and Culture, and
2. have maintained an overall GPA of at least 3.300 and a GPA of at least 3.500 in the major.

The director of undergraduate studies will notify those students who have been accepted into the program. Honors students are encouraged to take honors courses offered through the department as well as through Indiana University's Hutton Honors College.

To graduate with honors in Communication and Culture, students who are accepted into the honors program must take:

1. C399 Reading for Honors (3 credits; 6 credits max.), and
2. C499 Senior Honors Thesis (3–6 credits).

In pursuing readings in C399 and in completing the honors thesis in C499, students will work individually with a member of the faculty.

Students must fulfill all of the requirements for a major in the department. No more than 3 credit hours in C399 and in C499 (6 credit hours total) can be counted toward the



30 credit hour major requirement. Students completing the thesis may be invited to present their project in the context of a conference, colloquium, or symposium.

## Course Descriptions

**CMCL–C 121 Public Speaking (3 cr.)** Theory and practice of public speaking: training in thought processes necessary to organize speech content; analysis of components of effective delivery and language. Credit not given for both S121 and C121. I Sem., II Sem., SS.

**CMCL–C 122 Interpersonal Communication (3 cr.) S & H** Introduction to the study of communication, culture, identity and power. Each student does original primary research. Topics range from groups in North Africa to high school and college students in San Francisco and Philadelphia, and issues such as gendered language, slang, verbal play, and institutional language.

**CMCL–C 130 Public Speaking, Honors (3 cr.)** For outstanding students, in place of C121.

**CMCL–C 190 Introduction to Media (3 cr.) A & H** Form, technique, and language of the media; analysis of specific film, television, and video productions; introduction to major critical approaches to media studies. Credit given for only one of CMCL C190 or CMLT C190.

**CMCL–C 201 Race and the Media (3 cr.) S & H, CSA** Explores the ways in which United States' ideologies in particular historical periods have influenced the production, representations, and audiences' interpretations of media artifacts. Topic might focus on specific or various ethnic groups (e.g., African Americans, Native Americans, Asian Americans, Latinos, "Whites") and mainstream and/or alternative media. Screenings may be required.

**CMCL–C 202 Media in the Global Context (3 cr.) S & H, CSA** Surveys media industries, products, and publics outside the United States context (e.g., Asia, Africa, Europe, Latin America). Analyzes regional media in relation to local/ global historical, economic, and social processes. Screenings may be required.

**CMCL–C 203 Gender, Sexuality, and the Media (3 cr.) S & H** Examines portrayals of women across various media outlets and diverse cultural regions. The course also considers women as producers and consumers of media products. Topics might focus on a specific medium (e.g., television, film, or the Internet), genre (e.g., soap operas, reality TV, anime), or region (the U.S., Africa, Asia). Screenings may be required.

**CMCL–C 204 Topics in Media, Culture, and Society (3 cr.) S & H** Relationship between communication media and a range of social institutions, practices, and beliefs. Course may focus on a particular medium and/or period (e.g., television and family, film and the Cold War, censorship and the media). Topic varies. May be repeated once for credit with a different topic.

**CMCL–C 205 Introduction to Communication and Culture (3 cr.) A & H** Critically examines communication as a cultural practice as it affects the beliefs, attitudes, values, and behaviors of individuals, groups, and publics.

**CMCL–C 208 Image Cultures (3 cr.) A & H** Offers an interdisciplinary and historical context for understanding

contemporary western "image culture" by addressing the notion of the "image" in a wide range of its theoretical, critical, and practical contexts, uses, and history. Examines the claim that our culture is more imagistic than others historically, asking how the roles of images have changed over time in relation to other modes of signification.

**CMCL–C 212 Communicating Sustainability (3 cr.) S & H** "Sustainability" is the capacity to negotiate environmental, social, and economic needs and desires for current and future generations. This course traces historical, global discourses of sustainability; defines key terms and frames sustainability; engages related concepts of democracy, citizenship, and community; and develops critical thinking, research, and communication skills

**CMCL–C 220 Performing Human/Nature: Defining Relationships with the Environment (3 cr.) A & H** Reflects on the complexity of human experience from personal, creative, and cultural perspectives using fiction, poetry, journalism, creative nonfiction, visual art, music, and films. Students explore others' and their own experience of what it means to be human, analyze and compare the tacit philosophies present in these works, and pose their original organizing frameworks. Emphasis on interpretive skills and theory building, testing, and revising these theories to incorporate the lived experiences of others.

**CMCL–C 222 Democratic Deliberation (3 cr.) A & H** Principles and practices of deliberation that enrich democratic culture in civic affairs.

**CMCL–C 228 Argumentation and Public Advocacy (3 cr.) R: C121 or C130. A & H** Reasoning, evidence, and argument in public discourse. Study of forms of argument. Practice in argumentative speaking.

**CMCL–C 229 Ways of Speaking (3 cr.) S & H** Exploration in comparative perspective of the social use of language, with a focus on the interrelationships among verbal form, social function, and cultural meaning in ways of speaking.

**CMCL–C 238 Communication in Black America (3 cr.) A & H, CSA** Communicative experiences of black Americans, including black dialect, language and ethnicity, interracial communication, recurring themes, spokespersons in black dialogue, and sociohistorical aspects of black language and communication.

**CMCL–C 290 Hollywood I (3 cr.) S & H** Historical survey of the American motion picture industry from 1895 to 1948. Emphasizes narrative cinema and the classical studio system. Credit given for only one of C290 or CMLT C290.

**CMCL–C 292 Hollywood II (3 cr.) S & H** Historical survey of the American motion picture industry from 1948 to the present. Emphasizes narrative cinema and its increasing relation to television and home entertainment. Credit given for only one of C292 or CMLT C290.

**CMCL–C 304 Communication and Social Conflict (3 cr.) A & H** Examination of sources and functions of symbolic influence in contemporary society. Emphasis upon developing rhetorical skills for critiquing social conflict.

**CMCL–C 305 Rhetorical Criticism (3 cr.)** C121 or consent of instructor. **S & H** The development of standards for evaluating and methods of analyzing rhetorical texts. Significant historical and contemporary texts are studied to exemplify critical principles.

**CMCL–C 306 Writing Media Criticism (3 cr.)** P: C190 or consent of instructor. **A & H** Study of the main schools and methods of media criticism; emphasis on developing the analytical and critical skills necessary for writing film, television, and/or other types of media criticism.

**CMCL–C 308 Democratic Dissent in Wartime (3 cr.)** **A & H** Examination of wartime dissent in the United States as a vital democratic practice. Emphasis upon cultural status, political role, and the rhetorical characteristics of democratic dissent.

**CMCL–C 312 Introduction to Television Criticism (3 cr.)** **A & H** Study of the form, structure, and meanings of television programs. Historical development of genres and conventions examined in relation to issues of American culture. Credit not given for both T310 and R206.

**CMCL–C 313 Performance as Communicative Practice (3 cr.)** **A & H** Introduction to performance as a communicative practice, focusing on performance as a special artistic mode of communication and performance and as a special class of display events in which the values and symbols of a culture are enacted before an audience.

**CMCL–C 314 Communication, Culture, and Social Formations (3 cr.)** **S & H** Examination of cultural identities and related social formations as constituted by symbolic forms in structures around the world. Topic varies. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 315 Advertising and Consumer Culture (3 cr.)** P: C190 or consent of instructor. **S & H** Critical examination of advertising's role in modern societies. Focuses on marketing and consumption as central activities in shaping personal identity and social relations.

**CMCL–C 318 Ethnography as Cultural Critique (3 cr.)** **S & H** Examines the ways ethnographic work can provide a critical lens through which to view our world. By juxtaposing familiar cultural practices and beliefs against those of other societies and cultures, students learn to critically assess aspects of their own society they may have previously taken for granted. Provides training in ethnographic methods and features a semester-long ethnographic project. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 321 Rhetoric, Law, and Culture (3 cr.)** **A & H** This course examines the range of ways in which rhetoric, law, and culture intersect in the production and maintenance of social and political community.

**CMCL–C 323 Speech Composition (3 cr.)** R: C121 and one of the following: C223, C225, or C228. **A & H** Advanced speech writing, focusing upon the content of speeches. The theory and practice of informative, persuasive, and ceremonial speaking. Topics include the principles of organization, exposition, and argumentation, and language and style.

**CMCL–C 324 Persuasion (3 cr.)** R: C121 or C130; and one of the following: C223, C225, or C228. **A & H** Motivational appeals in influencing behavior; psychological factors in speaker-audience relationship; contemporary examples of persuasion. Practice in persuasive speaking.

**CMCL–C 326 Authorship in the Media (3 cr.)** P: C190 or consent of instructor. **A & H** Topic varies: in-depth analysis of directors, producers, or creative individuals in the media, viewed as "authors." May be repeated once for credit with a different topic. A maximum of 6 credit hours may be earned for any combination of C326 and CMLT C491.

**CMCL–C 333 Stigma: Culture, Deviance, and Identity (3 cr.)** **A & H** Stigma theory speaks broadly to the nature of the social relationships that create marked categories of persons. In this course we look both at theory and at particular cases of stigmatized persons and groups with an aim toward identifying historically effective strategies for combating stigmas of race, class, gender, sexuality, and physical ability.

**CMCL–C 334 Current Topics in Communication and Culture (3 cr.)** Analysis of selected problems in communication and culture. Topics vary each semester. May be repeated once for credit if topic varies.

**CMCL–C 335 Production as Criticism (3 cr.)** **A & H** Provides conceptual and hands-on experience for researching, writing, and producing different genres of video programs using VRA camcorders and editing systems. This course emphasizes conceptual processes from the original script to the completed video. Lab fee required. May be repeated for a maximum of 6 credit hours.

**CMCL–C 336 Using Popular Culture (3 cr.)** **S & H** Critical exploration of the form, content, and uses of popular culture in everyday life.

**CMCL–C 337 New Media (3 cr.)** This course aims to help students develop a framework for understanding this dynamic area of social life in the late twentieth century. It compares the "computer revolution" to prior eras of technological change, such as the advent of telephony, radio, and television. It also inquires into the distinctive qualities of computer-mediated communication, focusing on interactions among technological, industrial, regulatory, social, and cultural forces. May be repeated with a different topic for a maximum of 6 credits.

**CMCL–C 339 Freedom of Speech (3 cr.)** **A & H** A brief survey of the historical development of the concept of freedom of speech, and a close examination of contemporary free speech issues, such as those relating to national security, public order, civil rights movements, antiwar protests, obscenity, academic freedom, and symbolic speech. Credit not given for both S339 and C399.

**CMCL–C 340 The Rhetoric of Social Movements (3 cr.)** **A & H** Introduces rhetorical theories and practices which inform and are informed by the study of social movements. Topics vary and focus on a specific social movement or a range of social movements. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 342 Rhetoric and Race (3 cr.)** Explores the relationship between rhetoric and race, including the

possibilities and implications entailed by an understanding of race as a rhetorical artifact, and rhetoric as a necessarily raced phenomenon.

**CMCL–C 346 Ethnicity, Class, and the Model U.S. Citizen (3 cr.)** Considers how people's identities influence the ideals and practice of citizenship. We will focus in particular on identities based on ethnicity and class. Students examine how ethnicity and class shape discourses of citizenship found in the media and in political and legal spheres.

**CMCL–C 348 Environmental Communication (3 cr.)** This class is grounded in the perspective that symbolic and natural systems are mutually constituted and therefore, the ways we communicate about and with the environment are vital to examine for a sustainable and just future. The focus of the class may vary to engage topics, such as environmental tourism or environmental disasters.

**CMCL–C 355 Public Memory in Communication and Culture (3 cr.)** Examines the contested nature of public memory from a communication and culture perspective. Focuses on the nature of public memory, its methods of perpetuation, its role in shaping citizens, and its implications for society.

**CMCL–C 357 Politics of Style (3 cr.) A & H** Critical examination of fashion or other everyday aesthetic expressions as political and cultural practices. Style is analyzed as a form of agency in relation to such issues as gender, consumer culture, and social class.

**CMCL–C 360 Motion Picture Production (4 cr.)** A hands-on introduction to the technical and aesthetic basics of making 16mm silent films. Students learn how to design, direct, light, shoot, and edit several short films working individually and in groups. Lab fee required.

**CMCL–C 361 Intermediate Motion Picture Production (4 cr.)** P: C360. Lab fee required. Introduction to the making of 16mm sound films, including the recording and editing of synch sound. The various stages of production are explored in lectures, lab exercises, and discussions. Each student designs, directs, and edits a short synch sound film and participates as a crew member in the other students' productions. Lab fee required.

**CMCL–C 380 Nonverbal Communication (3 cr.) S & H** Provides a conceptual and theoretical foundation for understanding how nonverbal communication influences perceptions of others and the ways in which nonverbal communication reflects emotions, status, sex roles, etc. The course explores how nonverbal communication facilitates retention, comprehension, and persuasiveness of verbal information, including the ability to detect deceptive communication.

**CMCL–C 382 Internship in Communication and Culture (1–3 cr.)** P: Junior or senior standing; at least 12 semester credit hours completed in the department; advanced arrangement with academic advisor. Faculty-supervised work in a communications field related to student's academic interests. Student must write a critical analysis paper and be evaluated by a workplace supervisor. May be repeated, but a maximum of 3 credit hours will apply toward the 30 credit hours required for the major. S/F grading.

**CMCL–C 385 Communication, Culture, and Community (3 cr.)** A service-learning seminar that offers students hands-on experience working with a community-based cultural production. Topics will range from film festival programming, political campaigning, and advocacy work to environmental activism and street theatre. Students learn how to conceptualize and operationalize cultural productions as articulations of communicative strategies and rhetorical inventions. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 391 Media Audiences (3 cr.) A & H** Studies audiences in the context of film, television, new media, and other media forms. Topic varies, but may include a focus on theories of spectatorship, historical reception studies, ethnographic and/or empirical audience studies, global or transnational audiences, Internet communities, performance theory, fan cultures, and subcultures. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 392 Media Genres (3 cr.)** P: C190 or consent of instructor. **A & H** Topic varies. Analysis of typical genres, such as westerns, situation comedies, documentaries, etc. Problems of generic description or definition: themes, conventions, iconography peculiar to given genres. May be repeated with a different topic for a maximum of 6 credits.

**CMCL–C 393 History of European and American Films I (3 cr.)** P: C190 or consent of instructor. **A & H, CSB** C393 is a survey of the development of cinema during the period 1895–1926 (the silent film era); C394 is a survey of European and American cinema since 1927. Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television. Topics vary. Each course may be taken for a total of 6 credit hours with different topics.

**CMCL–C 394 History of European and American Films II (3 cr.)** P: C190 or consent of instructor. **A & H, CSB** C394 is a survey of the development of cinema during the period 1895–1926 (the silent film era); C394 is a survey of European and American cinema since 1927. Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television. Topics vary. Each course may be taken for a total of 6 credit hours with different topics.

**CMCL–C 398 National Cinemas (3 cr.) A & H** Historical survey of major national cinemas. Subject varies. Topics include Brazilian cinema, British cinema, Chinese cinema, French National cinema, German film culture, Indian cinema, and Italian cinema. May be repeated with a different topic for a maximum of 6 credits.

**CMCL–C 399 Reading for Honors (3 cr.; max of 6 cr.)** P: Junior standing and approval of departmental undergraduate studies committee. Readings directed by member of faculty.

**CMCL–C 401 Senior Seminar in Communication and Culture (3 cr.)** P: Senior standing and consent of instructor. Study of problems and issues in rhetoric and communication. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 406 The Study of Public Advocacy (3 cr.)**

Study of great rhetorical works in English. Focus on understanding the nature and role of public discourse in addressing significant human concerns.

**CMCL–C 407 Rhetoric and History (3 cr.)** P: Senior standing or consent of instructor. Survey of ancient through contemporary thought on the art of rhetoric; identification of leading trends in the history of rhetoric and the assessment of those trends in light of surrounding context.

**CMCL–C 410 Media Theory (3 cr.)** P: C190 or consent of instructor. Survey of writings, concepts, and movements in media theory.

**CMCL–C 411 Media Industries and Cultural Production (3 cr.)** S & H Examines the social, economic, and cultural forces that influence the creation of programs and genres in the media industries. Topic varies, but may explore the role of networks, advertisers, studios, and independent producers. May not be repeated for credit.

**CMCL–C 412 Race, Gender, and Representation (3 cr.)** S & H, CSA Construction of race and gender identities across a range of media. Emphasis on the power of sound/image representations to shape and contest ideas about race and gender. Topic varies. May be repeated once for credit with a different topic.

**CMCL–C 413 Global Villages (3 cr.)** S & H Electronic media's role in altering perceptions of time, space, locality, and identity. Explores changing economic, political, and cultural relations in the global media environment. Topic varies and may include global media events, transborder information flows, cultural differences in media forms and practices. May be repeated once for credit with a different topic for a maximum of 6 credit hours.

**CMCL–C 414 Topics in Performance and Culture (3 cr.)** A & H Examination of the relationship between performance and culture in specific domains of social life and aspects of social experience. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 415 Topics in Communication and Culture in Comparative Perspective (3 cr.)** S & H Cross-cultural exploration of communication systems, ranging from face-to-face interaction to mediated forms of communication, with an emphasis on their cultural foundations and social organization. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 417 Power and Violence: Political Systems in Ethnographic Perspective (3 cr.)** S & H Different political systems are founded and maintained by varying combinations of overt violence and more subtle workings of ideas and ideologies. Through cross-cultural case studies, the course examines how coercion, persuasion, consensus, and dissent operate in and through the politics and performances of everyday life.

**CMCL–C 420 Topics in Media History (3 cr.)** P: C190 or consent of instructor. S & H Media historiography, topics in national media history, national and international movements and trends. Topic varies. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 422 Performance, Culture, and Power in the Middle East and North Africa (3 cr.)** S & H,

CSA Middle Eastern cultures are well known for their rich and diverse performance practices. Taking an ethnographic perspective, this course views performances as communicative events through which social relations are organized. It explores how performances both participate in local arrangements of power and constitute responses to colonialism, nationalism, and globalization.

**CMCL–C 425 Culture, Identity, and the Rhetoric of Place (3 cr.)** A & H Invites advanced undergraduate students to consider the rhetorical dimensions of places with a particular focus on theories of culture and identity (e.g., race, gender, and nationality). Students will critically examine how places are the product of strategic communication choices that have been made to influence how human beings think and behave.

**CMCL–C 427 Cross-Cultural Communication (3 cr.)** A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

**CMCL–C 430 Native American Communication and Performance (3 cr.)** S & H, CSA Survey of communicative patterns in Native American cultures and their realization in performance, including oral performance (e.g., narrative, oratory), ceremonial (e.g., feast days, powwow), and media (e.g., radio, film). We will also explore the use of performance forms as symbolic resources in literature, photography, and film.

**CMCL–C 432 Visual Rhetoric (3 cr.)** Focuses on distinctive rhetorical features of visual discourse to examine the political, cultural, persuasive, and ideological functions of media images in United States' public culture. Explores examples from advertising, journalism, and entertainment across media, including print, television, and film. Interrogates the consequences of conducting public communication through commodified imagery for contemporary social life.

**CMCL–C 433 Food Performance and Communication (3 cr.)** S & H Examines the cultural, political, and communicative qualities of food, using theory, ethnography, and critical essays about historical and contemporary ways that food culture is organized. Texts include such subjects as the structural organization of cuisines, the political economy of obesity, historical and environmental explanations for taboo foods, and the effects of local food production on perceptions of community. Considers individual practices and meanings in a cultural context.

**CMCL–C 435 Documentary Filmmaking: Theory and Practice (4 cr.)** P: C190 and C335, C360, or equivalent. Lab fee required. Study of the major historical movements in documentary film. Combines theoretical and historical readings on questions of documentary realism with practical exercises in the production of digital-video documentaries. Lab fee required.

**CMCL–C 444 Political Communication (3 cr.)** Critical examination of historical and contemporary political communication. Focus on key public texts that shape American political culture, including speeches, protest discourse, and mediated political campaigns. Emphasis on interpretive and critical strategies through which texts can be productively engaged.

**CMCL–C 445 Media, Culture, and Politics (3 cr.)**

Examines the role of media in the political process. Topic varies and may include censorship and free speech, social movements, politics of representation. May be repeated with a different topic for a maximum of 6 credit hours.

**CMCL–C 446 Cultures of Democracy (3 cr.)**

Examines the role of culture in how democracies are practiced. Ethnographic focus varies and includes cross-cultural comparisons of political speech, voting, and democratic representation in different cultures. We will pay particular attention to the dilemmas surrounding exporting democracy, especially to the Middle East, Africa, South Africa, the Pacific, and the Balkans.

**CMCL–C 450 Gender and Communication (3 cr.)**

Examines the extent to which biological sex and gender role orientation and stereotypes influence the process of communication. Focuses on gender differences in decoding and encoding verbal and nonverbal behavior, development of sex roles, cultural assumption, and stereotypes regarding gender differences in communication. Analyzes how the media present, influence, and reinforce gender stereotypes.

**CMCL–C 460 Advanced Motion Picture Production**

(4 cr.) P: C360 and C361, or C335; permission of instructor. Students produce one personal project (narrative, documentary, or experimental) from script to screen, using either 16 mm. or digital video. Each class meeting devoted to discussing the students' projects and exploring the aesthetic and technical issues involved. Each student assists in the production of at least one other project by a fellow student. Lab fee required.

**CMCL–C 490 Capstone Seminar in Communication and Culture (3 cr.)**

P: C190 and C205. Students synthesize previous course work in Communication and Culture, culminating in a substantive project that directs their learning to some particular problem of mediation, publics, or cultures. Final project may include research essays, short films, Web sites, or public presentations or performances. Specific topics vary. With the permission of the undergraduate advisor, may be repeated with a different topic for a total of 6 credit hours.

**CMCL–C 497 Independent Study in Communication and Culture (1–6 cr.)**

P: Junior standing and approval of instructor. Independent readings or other projects in communication and culture. Projects must be approved by faculty member before enrolling. May be repeated for a maximum of 6 credit hours.

**CMCL–C 499 Senior Honors Thesis (3–6 cr.)** P: Senior standing. Original research project, culminating in honors thesis to be written under direction of faculty member.

and the visual arts, film, music, and other performance arts as well as other disciplines such as philosophy, history, and religious and cultural studies. Majors may tailor their course work to suit their particular interests by selecting from a wide range of course offerings.

**Contact Information**

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**Faculty****Chairperson**

- Bill Johnston

**Distinguished Professor**

- Douglas Hofstadter (Cognitive Science, Computer Science)

**Marth C. Kraft Professor of Humanities**

- Fedwa Multi-Douglas (Gender Studies)

**Chancellor's Professor**

- Anya Royce (Anthropology)

**Professors**

- David Hertz (American Studies)
- Eileen Julien (French and Italian, African American and African Diaspora Studies)
- Bert Breon Mitchell (Director of Lilly Library)

**Associate Professors**

- Vivian Nun Halloran (American Studies)
- Bill Johnston (Second Language Studies, Polish Studies),
- Paul Losensky (Central Eurasian Studies, Near Eastern Languages and Cultures)
- Herb Marks (English, Near Eastern Languages and Cultures, Religious Studies)
- Rosemarie McGerr (Medieval Studies)
- Angela Pao (Asian American Studies)

**Assistant Professors**

- Akinwumi Adesokan
- Eyal Peretz
- Miryam Segal (Jewish Studies)
- Kevin Tsai
- Sarah Van der Laan

**Adjunct Professors**

- Maryellen Bieder (Spanish and Portuguese)
- J. Peter Burkholder (Jacobs School of Music)
- Henry Cooper (Slavic Languages and Literatures)
- Karen Hanson (Philosophy)
- Dov-Ber Kerler (Germanic Studies, Jewish Studies)
- Barbara Klinger (Communication and Culture)
- Eleanor W. Leach (Classical Studies)
- Eric MacPhail (French and Italian)
- William Rasch (Germanic Studies)
- Jack Rollins (Hutton Honors College)
- Darlene Sadlier (Spanish and Portuguese)

## Comparative Literature

**Introduction**

The curriculum of the Department of Comparative Literature (CMLT) introduces students to the study of literature in different ages and across national, linguistic, and cultural boundaries. Courses explore texts, themes, literary types, and intercultural relations as well as the methods and theories of comparative literary study. Courses also investigate relationships between literature

- Suzanne Stetkevych (Ruth N. Halls Professor of Near Eastern Languages and Cultures)
- H. Wayne Storey (French and Italian, Medieval Studies)
- Marc Weiner (Germanic Studies)

#### Adjunct Associate Professors

- Purnima Bose (English)
- Fritz Breithaupt (Germanic Studies)
- Michel Chaouli (Germanic Studies)
- Deborah Cohn (Spanish and Portuguese)
- Joan Hawkins (Communication and Culture)
- Rebecca Manning (India Studies, Religious Studies)
- Edith Sarra (East Asian Languages and Cultures)
- Rakesh Solomon (Theatre and Drama)

#### Adjunct Assistant Professors

- Patrick Dove (Spanish and Portuguese)
- Johannes Türk (Germanic Studies)
- Lin Zou (East Asian Languages and Cultures)

#### Professors Emeriti

- Salih Altoma (Near Eastern Languages and Cultures)
- Willis Barnstone (Distinguished Professor, Spanish and Portuguese)
- Luis Beltrán (Spanish and Portuguese)
- Ernest Bernhardt-Kabisch (English)
- Peter Boerner (Germanic Studies)
- Peter Bondanella (Distinguished Professor, French and Italian, West European Studies)
- Gilbert Chaitin (French and Italian)
- Claus Clüver
- Bruce Cole (Distinguished Professor, Fine Arts)
- Eugene Eoyang (East Asian Languages and Cultures)
- Harry Geduld (West European Studies)
- Kenneth R. R. Gros Louis (English)
- Roger Herzel (Theatre and Drama)
- Ingeborg Hoesterey (Germanic Studies)
- Yoshio Iwamoto (East Asian Languages and Cultures)
- Sumie Jones (East Asian Languages and Cultures)
- Oscar Kenshur (English, Philosophy)
- Gerald Larson (Religious Studies, India Studies)
- Merritt Lawlis (English)
- Rosemary Lloyd (Rudy Professor, French and Italian)
- Giancarlo Maiorino (Rudy Professor)
- James Naremore (Chancellor's Professor, Communication and Culture)
- Mihály Szegedy-Maszák (Central Eurasian Studies)
- Ulrich Weisstein (Germanic Studies)
- Carl Ziegler (Germanic Studies)

#### Director of Undergraduate Studies

- Angela Pao

#### Undergraduate Advisor

- Matthew Colglazier, Ballantine Hall 437; (812) 855-6263

## Major in Comparative Literature

### Required Courses

1. General Methods and Theory C205 and C305.
2. One course each from two of the following groups:
  - Genre C311, C313, C315, C318
  - Period C320, C321, C 325, C329, C333, C335, C337, C338
  - Comparative Arts C251, C252, C255, C256, C310, C355, C358
  - Cross-cultural Studies C262, C360
3. One advanced course at the 300 level or above that includes the study of a foreign language literature in the original.
4. Six additional courses (18 credits) in Comparative Literature, at least three of which must be at the 300 level or above. For students completing a single major in CMLT, up to two courses in other departments may be substituted in accordance with the guidelines established for the optional concentrations (Literature across Cultures, Literature in European Traditions, and Comparative Arts). Consult the Comparative Literature Handbook and the director of undergraduate studies for details. Students completing a double major must consult with advisors in each major regarding stipulations. C145 and C146 may not be used to fulfill major requirements.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations for All Majors

Especially recommended for complementary study are courses in English and foreign language literatures, African studies, African American and African diaspora studies, Asian studies, folklore, history, history and theory of art, history and theory of music, linguistics, philosophy, religion, theatre and drama, and West European studies.

It is recommended that majors continue work in a foreign language and literature through three consecutive years, regardless of their proficiency when entering the program. Students intending to do graduate work in comparative literature are advised to begin a second foreign language.

## Minor in Comparative Literature

Students wishing to complete a minor (minimum of 15 credit hours) with the Department of Comparative Literature must complete five courses in Comparative Literature. Four courses must be at the 200 level or above with at least two at the 300 level or above. (C146 may be used to fulfill requirements for the minor.)

Note: Students who minor in comparative literature may not also minor in comparative arts.

## Minor in Comparative Arts

### Requirements

- Five comparative arts courses or approved cross-listed courses (minimum of 15 credit hours)
- At least two courses taken (after C255) at the 300 level or above
- At least two courses taken in comparative literature

Note: Students who minor in comparative arts may not also minor in comparative literature. Comparative literature majors may obtain the minor in comparative arts but may not count the same courses for both the major and the comparative arts minor.

## Departmental Honors Program

Majors who have maintained a high level of academic achievement and who have taken at least one 300-level comparative literature course are eligible for the honors program. Students may qualify for graduation with honors in comparative literature in one of three ways: by completing three honors tutorials, by writing an honors paper, or by completing an honors project. An undergraduate senior seminar in comparative literature may be substituted for one of the honors tutorials. Interested students may obtain detailed information from the director of undergraduate studies.

## Overseas Study

All majors in comparative literature are encouraged to participate in one of the university's foreign study programs, where students can continue to make progress toward their degrees and apply financial aid to program fees. For information about study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Secondary Teacher Certification

Students majoring in comparative literature and planning to teach at secondary schools may earn a teacher certificate for English or another language. Students considering teacher certification should consult with an advisor in the School of Education as early as possible for further information.

## Course Descriptions

### General, Methods, and Theory Courses

**CMLT–C 100 Freshman Seminar (3 cr.) A & H** Analysis and discussion of selected major works of literature and art illustrating historical and stylistic problems related to specific themes, artists, or genres.

**CMLT–C 155 Culture and the Modern Experience: An Interdisciplinary and International Approach (3 cr.) A & H, CSA** This course, which is interdisciplinary in method and international in scope, introduces students to an inclusive study of major cultural parallels, contrasts, and developments across the arts and beyond national and continental divides. Syllabi and selections of course materials will reflect the specialties of individual instructors.

**CMLT–C 200 Honors Seminar (3 cr.) A & H** Selected authors and topics, ranging from traditional to modern (for example, Athens and Jerusalem: The Origins of Western Literature). Traditional or current debates and issues of a critical, theoretical, or historical nature. Comparative methodology, interdisciplinary approach. May be repeated once for credit with a different topic.

**CMLT–C 205 Comparative Literary Analysis (3 cr.) A & H** Introduction to basic concepts of literary criticism through comparative close readings of texts from a variety of literary genres—fiction, poetry, drama, essay—from diverse traditions. I Sem., II Sem.

**CMLT–C 301 Special Topics in Comparative Literature (3 cr.) R:** C205 or 3 credit hours of literature. **A & H, CSA** Special topics concerning two or more literary traditions or literature and other areas in the humanities. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 305 Comparative Approaches to Literature: Theory and Method (3 cr.) P:** C205. **A & H** Introduction to modern critical theory based on the study of literary texts and of critical and theoretical works.

**CMLT–C 400 Studies in Comparative Literature (3 cr.) R:** C205 or 3 credit hours of literature. **A & H** Specific problems concerning the relationship of two or more literatures or of literature and another area in the humanities. May be repeated twice.

**CMLT–C 405 Senior Seminar in Comparative Literature (3 cr.; max of 6 cr.) R:** C205 or 3 credit hours of literature. **A & H** Selected topics treated in seminar fashion. Recommended for majors. May be repeated once with different topic.

### Genre Courses

**CMLT–C 216 Science Fiction, Fantasy, and the Western Tradition (3 cr.) A & H** Historical and comparative survey of science fiction and fantasy narrative from antiquity to the present. The origin of scientific narrative in ancient Greek literature, its relation to ancient myths, and its history and development. Emphasis on philosophical, cognitive, and scientific aspects of the genre.

**CMLT–C 217 Detective, Mystery, and Horror Literature (3 cr.) A & H** Origins, evolution, conventions, criticism, and theory of the detective and mystery story; history of the Gothic novel; later development of the tale of terror; major works of this type in fiction, drama, and film.

**CMLT–C 219 Romance and the Western Tradition (3 cr.) A & H** Origins, evolution, conventions, criticism, and theory of the romance, from antiquity to the present; representative texts from Apuleius to modern pulp fiction.

**CMLT–C 311 Drama (3 cr.) R:** C205 or 3 credit hours of literature. **A & H** Analytical and historical study of various forms of dramatic literature emphasizing differences between drama and other literary genres. Survey of periods and dramatic conventions, close reading of selected plays, some concern with theoretical problems.

**CMLT–C 313 Narrative (3 cr.) R:** C205 or 3 credit hours of literature. **A & H** Historical and analytical study of various forms of narrative literature. Examination of narrative as a primary literary genre and analysis of such diverse forms as myth, folktale, epic, romance, gospel, saint's life, saga, allegory, confession, and novel.

**CMLT–C 315 Lyric Poetry (3 cr.) R:** C205 or 3 credit hours of literature. **A & H** Close reading of exemplary poems with an emphasis on interpretation and on the interplay between literal and figurative language. Topics will include the way poems are shaped, their ambiguous status as private and public statements, and their relation to tradition, to their readers, and to one another.

**CMLT–C 318 Satire (3 cr.) R:** C205 or 3 credit hours of literature. **A & H** Historical and analytical study of forms, techniques, and scope of satire from antiquity to the

Internet. Consideration of the role of ridicule in defending or attacking institutions, values, and beliefs. Credit given for only one of C218 or C318.

**CMLT–C 415 Medieval Lyric (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Comparative study of religious and secular lyric poetry in medieval Europe. Exploration of cultural contexts and formal concerns, such as the development of medieval rhetorical theory. The continuation and transformation of classical poetic conventions, and the interplay of musical and verbal texts.

**CMLT–C 417 Medieval Narrative (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Comparative analysis of traditions of narrative in medieval Europe. Works studied within their cultural contexts and in reference to narrative theory. Topics and works vary, but may include the allegorical narrative, romance, fabliaux, saint's life, and dream vision.

### Period Courses

**CMLT–C 320 World Literature before 1500 (3 cr.)** R: C205 or 3 credit hours of literature. **A & H** Survey of selected genres of literature from earliest written texts through the end of the Middle Ages, covering the major centers of world civilization—the Mediterranean, India, and East and West Asia.

**CMLT–C 321 Medieval Literature (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Study of works from the major genres of medieval European literature: epic, romance, allegorical narrative, lyric poetry, and drama. Topics may include the relationship of secular and religious traditions, the role of multilingual communities in shaping medieval literature, and the influence of social context on literary production.

**CMLT–C 325 The Renaissance (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Prose fiction, long narrative poems, lyric poems, essays, tracts, and plays written between 1350 and 1650 in Italy, France, Spain, Germany, and England. Authors such as Petrarch, Boccaccio, Chaucer, Machiavelli, More, Castiglione, Rabelais, Montaigne, Shakespeare, Cervantes, and Hobbes.

**CMLT–C 329 The Eighteenth Century (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSB** The dominant literary and intellectual trends of the eighteenth century, such as neoclassicism, rococo, Enlightenment, and preromanticism. Authors such as Pope, Swift, Montesquieu, Richardson, Voltaire, Diderot, Kant, Rousseau, Lessing, and Sterne.

**CMLT–C 333 Romanticism (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSB** The rise of romantic tendencies in eighteenth-century Europe; the romantic revolution in early nineteenth-century Western literature. Authors such as Goethe, Chateaubriand, Wordsworth, Byron, Novalis, Hoffmann, Hugo, Pushkin, and Poe.

**CMLT–C 335 Realism, Naturalism, and Symbolism (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSB** The rise of realism in nineteenth-century fiction and its development into naturalism and impressionism; the symbolist reaction in poetry; the reemergence of the drama as a major genre. Authors such as Dickens, Flaubert, Tolstoy, Mallarme, Ibsen, Hauptmann, Strindberg, Chekhov.

**CMLT–C 337 The Twentieth Century: Tradition and Change (3 cr.)** R: C205 or 3 credit hours of literature.

**A & H, CSB** The search for forms and language to express new understandings of art and reality in the era of modernism.

**CMLT–C 338 Literature Today: 1950 to the Present (3 cr.)** R: C205 or 3 credit hours of literature. **A & H** An exploration of major literary movements, styles, or currents shaping literature after World War II, such as the theatre of the absurd, postmodernism, magical realism, cyberpunk, postcolonialism, and transnationalism.

### Comparative Arts

**CMLT–C 151 Introduction to Popular Culture (3 cr.)**

**A & H, CSB** The serious study of entertainment for mass consumption, including popular theatre and vaudeville, bestsellers, mass circulation magazines, popular music, phonograph records, and popular aspects of radio, film, and television. Provides the basic background to other popular culture courses in comparative literature.

**CMLT–C 251 Lyrics and Popular Song (3 cr.)** **A & H,**

**CSB** Survey of popular songs of Europe and the Americas, including modern ballads, cabaret songs, Spanish flamencos, Mexican rancheras, Argentine tangos, country western, and rock lyrics. Discussion of literary qualities of lyrics in context of musical setting and performance and independently as literature.

**CMLT–C 252 Literary and Television Genres (3 cr.)**

**A & H** Comparative study of popular literary and television genres, such as farce, domestic comedy, melodrama, biography, mystery, adventure, western, the picaresque. Theoretical, technical, and ideological contrasts between the literary and television media.

**CMLT–C 255 Modern Literature and Other Arts: An Introduction (3 cr.)** **A & H, CSB**

The study of literature, painting, and music and the ways in which meaning is expressed in such forms. Investigates similarities and differences among the arts. Examples selected from the past 200 years. No previous knowledge of any art required. I Sem., II Sem.

**CMLT–C 256 Literature and Other Arts: 1870–1950 (3 cr.)** P: C255 or consent of instructor. **A & H, CSB**

Interaction of the arts in the development of Western literature, painting, and music in movements such as impressionism, symbolism, constructivism, expressionism, dada, and surrealism.

**CMLT–C 257 Asian Literature and Other Arts (3 cr.)**

**A & H, CSA** Selected literary texts of China, India, or Japan studied in the context of the art forms and cultures of these countries. Concentration on one culture each time course is offered. May be repeated once with different topic.

**CMLT–C 261 Introduction to African Literature**

**(3 cr.)** **A & H, CSA** Oral and written poetry, epic, fiction, drama, and film from around the continent with reference to historical and cultural contexts, and debates on language choice, "authenticity," gender, and European representations of Africa.

**CMLT–C 351 Adaptations: Literature, Stage, and Screen (3 cr.)** R: 3 credit hours of literature. **A & H**

Adaptations of literary texts into new literary works or art forms such as theatre, film, opera, music, and



digital media. Examination of the historical, cultural, and aesthetic issues involved in revising and reimagining source texts.

**CMLT–C 355 Literature, the Arts, and Their Interrelationship (3 cr.)** R: C255. **A & H** Discussion of theoretical foundations for study of the relationship of the arts; detailed analysis of specific works illustrating interaction of literature with other arts.

**CMLT–C 357 The Arts Today: From 1950 to the Present (3 cr.)** P: C255. R: C256. **A & H, CSB** Shared trends in literature, the visual arts, music, dance, and theatre. The heritage of the grotesque and the absurd, dada and surrealism, and constructivism; the new realism. New materials; mixed media and multimedia; environmental and participatory art; happenings; minimal art, conceptual art, antiart.

**CMLT–C 358 Literature and Music: Opera (3 cr.)** P: Two courses in literature, theatre, or music history. **A & H, CSB** Selected opera libretti from various periods. Comparison of libretti with their literary sources; emphasis on specific problems connected with the adaptation of a literary work to the operatic medium. Evaluation of representative libretti as independent literary works.

**CMLT–C 361 African Literature and Other Arts (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** A focus on critical issues in the field of African letters, such as transnationalism, the question of orality, choice of language, the economics and politics of publishing—both within and outside the continent, and their impacts on cultural forms including new, non-literary media. Authors such as Achebe, Aidoo, Armah, Diop, Farah, Head, Kunene, Ngugi, p'Bitek, Sembene, and Soyinka.

### Cross-Cultural Studies

**CMLT–C 262 Cross-Cultural Encounters (3 cr.)** **A & H, CSA** Encounters between different cultures explored in the literature, art, film, and music resulting from various forms of cultural contact (travel, colonization, religious diffusion, print and electronic technologies). Topics include transformation of cultural institutions, processes of cross-cultural representation, globalization of the arts and culture, development of intercultural forms. Historical and regional focus may vary. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 265 Introduction to East Asian Poetry (3 cr.)** **A & H, CSA** Major forms of East Asian poetry in a comparative context, with attention to issues such as poetics, gender, Zen, historical development, and interactions with other literary genres. Authors such as Bei Dao, Li Bo, and Bashō.

**CMLT–C 266 Introduction to East Asian Fiction (3 cr.)** **A & H, CSA** Readings from the major novels of East Asia, such as *Monkey*, *Story of the Stone*, *The Tale of Genji*, and *The Cloud Dream of the Nine*, along with shorter fictional forms (both vernacular and classical). Exploration of issues such as self and society, desire and enlightenment, the relationship between fictional and other genres, historical development of fiction, and comparison with Western conceptions of narrative.

**CMLT–C 340 Women in World Literature (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Study of literature by women from different ages and societies.

Consideration of issues such as the relationship to literary tradition and cultural context, the creation of an authoritative voice, or the representation of women in literature. Course may focus on one genre or mode (such as drama, lyric, autobiography, or satire).

**CMLT–C 360 Diasporic Literatures (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Study of literature by writers of different regional and religious diasporas, with particular attention to issues relating to cultural identity and location. Consideration of closely related categories and concepts such as immigrant, ethnic minority, hybridity, and deterritorialized cultures.

**CMLT–C 363 Black Paris (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** The common and divergent experiences of African American, Afro-Caribbean, and African travelers to the “City of Light,” from 18th-century New Orleans Creoles to 21st-century youth of African descent, as seen through literature, performance, film, and other arts. Issues of colonization, expatriation, immigration, exile, the Harlem Renaissance and “negritude,” race and diaspora, transnationalism. Credit given for only one of CMLT C363 or AAAD A304.

**CMLT–C 364 The Caribbean: Literature and Theory (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Poetry, fiction, drama, musical lyrics, travel literature, and prose from the Anglophone, Francophone, Hispanophone, and Dutch-speaking Caribbean. Discussion of major currents affecting literary production and interpretation. Topics such as immigration, diaspora, Rastafarianism, Voodoo, tourism. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 365 Japanese-Western Literary Relations (3 cr.)** **A & H, CSA** Japanese influences on Western poets and dramatists: color prints, haiku, and Noh plays. The Western impact on Japanese literature: the Japanese adaptation of movements such as romanticism, realism, naturalism, and symbolism, with special emphasis on the Japanese traits that these movements acquired.

**CMLT–C 370 Comparative Studies in Western and Middle Eastern Literatures (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Literary exchanges and influences between Western and Middle Eastern traditions in Arabic, Persian, or Turkish. Period and topic vary. May be repeated once with a different topic for a maximum of 6 credit hours.

**CMLT–C 375 Imagining China, Translating China (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Topics may include comparison of Chinese and European philosophical traditions, Western representations of China, East-West contact in the larger historical context, and the translation of literary works across cultures. Readings by authors such as Marco Polo, Voltaire, Pound, and Sigrid Nunez.

**CMLT–C 377 Topics in Yiddish Literature (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Selected topics focusing on Yiddish fiction and drama (1810–1914) or twentieth-century Yiddish fiction, drama, and poetry. Taught in English. No prior knowledge of Yiddish required. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours for any combination of C377, GER E351, and GER Y300.

**CMLT–C 378 Topics in Yiddish Culture (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Selected topics on history of Ashkenazic Jews; Old Yiddish and premodern Yiddish folklore and popular culture; history and sociology of Yiddish; modern Yiddish culture; and centers of modern Yiddish culture. Taught in English. No prior knowledge of Yiddish required. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours for any combination of C378, GER E352, and GER Y350.

**CMLT–C 464 French Language Literature of Africa and the Americas (3 cr.)** **A & H, CSA** Literary texts and films, their poetics and historical contexts. Particular consideration of the tension surrounding the use of French language in Africa and the Caribbean and the creation of French language literatures, their relationship to local oral traditions and metropolitan French literature. Course will be conducted in French.

#### Themes in Literature; Literature and Ideas

**CMLT–C 145 Major Characters in Literature (3 cr.)** **A & H, CSB** Comparative analysis of characters who reappear in literature from different periods and cultures. These include the quester, the lover, the artist, the trickster, the rebel, and the outsider. Readings come from diverse genres and national traditions. Fulfills half of College of Arts and Sciences composition requirement, if taken with ENG W143 (1 cr.). I Sem.

**CMLT–C 146 Major Themes in Literature (3 cr.)** **A & H, CSB** Comparative analysis of themes and motifs that reappear in literature from different periods and cultures. These include friendship, madness, self-sacrifice, the relationship of parents and children, the relationship of men and women, and the relationship of individuals and society. Readings come from diverse genres and national traditions. Fulfills half of College of Arts and Sciences composition requirement, if taken with ENG W143 (1 cr.). II Sem.

**CMLT–C 147 Images of the Self: East and West (3 cr.)** **A & H, CSA** Topics such as the individual in society, the outcast as hero, and artistic sensibility, examined in selected works of Western and Eastern literature from ancient to modern times.

**CMLT–C 343 Literature and Politics (3 cr.)** R: 3 credit hours of literature. **A & H** The intersection of literature and political issues, the representation of political ideas in literary works, literature's impact on politics and its role in public debate. Time periods, literatures, and civilizations studied will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 345 Literature and Religion (3 cr.)** R: 3 credit hours of literature. **A & H** Literature from or about one or more religious traditions. Religious literature as influenced by—but distinct from—theology, religious doctrine, or philosophy. The impact of imaginative literature on the growth of religious ideas. Includes the study of historical contexts. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 347 Literature and Ideas (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSB** Historical interrelations between literature and philosophy. Recent topics have included free will and the problem of evil; mysticism, criminality, and suffering; existentialism and the

literature of the absurd. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 349 Literature and Science (3 cr.)** R: 3 credit hours of literature. **A & H** The intersection of literature and the arts with science and technology, including the representation of scientific discovery and perspective, the dramatization of science's impact on society, the image of the scientist as artist. May include literature by scientists, and the use of scientific methods of analysis for interpreting literature. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 445 Early Traditions of Christian Literature (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSA** Imaginative religious literature by Christian authors to the twelfth century; relationship to Jewish, classical, and Muslim cultural traditions; emergence of new genres; development and transformation of early themes and forms.

**CMLT–C 446 Traditions of Christian Literature II (3 cr.)** R: C205 or 3 credit hours of literature. **A & H, CSB** Religious literature of the later Middle Ages, the Renaissance, and the baroque, and the transformation of its themes and forms in more recent writings. Close reading of individual texts as well as consideration of their cultural and theological contexts.

#### Literature and Film

**CMLT–C 291 Studies in Non-Western Film (3 cr.)** **A & H, CSA** Emphasis on non-Western film in relation to literary and cultural texts. Films may be studied as adaptations of literary works, as reworkings of generic or ideological traditions, and in their engagement with the aesthetics of non-Western theater and Hollywood. Focus on one regional tradition (African, Asian, Middle Eastern) each time the course is offered. May be repeated with a different topic for a maximum of 6 credit hours.

**CMLT–C 310 Literature and Film (3 cr.)** R: C205 or 3 credit hours of literature. **A & H** Analysis of the processes and problems involved in turning a literary work (novel, play, or poem) into a screenplay and then into a film. Close study of literary and film techniques and short exercises in adaptation.

**CMLT–C 490 Individual Studies in Film and Literature (1-3 cr.)** P: Consent of chairperson of film committee. May be repeated once with a different topic. I Sem., II Sem., SS.

**CMLT–C 492 Comedy in Film and Literature (3 cr.)** **A & H** Evolution, styles, and techniques of film comedy in America and Europe from the beginnings of cinema to the present. Theories of comedy and humor; relationship of film comedy to comedy in fiction, drama, pantomime, circus, and vaudeville. Work of leading film comedians.

#### Individual Studies

**CMLT–C 495 Individual Readings in Comparative Literature (2-3 cr.; max of 6 cr.)** P: Consent of chairperson. May be repeated for a total of 6 credit hours. I Sem., II Sem., SS.

**CMLT–C 496 Foreign Study in Comparative Literature (3-8 cr.)** P: Consent of chairperson. May not be repeated for credit.

**CMLT–C 499 Studies for Honors (2–6 cr.; max of 12 cr.)** P: Consent of the director of undergraduate studies. Independent reading and research in conjunction with an advanced course in comparative literature or an honors paper or project. I Sem., II Sem., SS.

## Computer Science

Although the Department of Computer Science is part of the School of Informatics and Computing, the B.A. and the minor in Computer Science are issued through the College. Students pursuing the B.A. or the minor will be subject to rules established for other students in the College, while specific requirements for the major and minor will be jointly determined by the College and the School of Informatics and Computing.

For information about Computer Science as well as about the minors and certificates offered by the School of Informatics and Computing, please see the section of this *Bulletin* entitled "School of Informatics and Computing," which can be found under "Opportunities Outside the College," which in turn can be found under "Distinctions & Opportunities."

## Criminal Justice

### Introduction

The Department of Criminal Justice (CJUS) focuses on social norms, rules, and laws; the causes of their violations; and the social and legal response to these violations. Systems of regulation, including the criminal justice system and dispute resolution processes, are studied and evaluated as organizational, social, and cultural processes.

Criminal justice is an interdisciplinary field that draws on the social sciences, legal studies, and the humanities. Teaching and research are carried out by a diverse group of scholars trained in criminal justice and criminology, law, history, political science, anthropology, sociology, geography, and psychology. The degree is designed for students interested in studying justice-related issues, including law.

### Contact Information

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### Faculty

#### Chairperson

- Roger Levesque

#### Professors

- Ellen Dwyer
- Leon Pettitway
- William Alex Pridemore
- Bruce Sales

- Kip Schlegel

#### Associate Professors

- Stephanie Kane
- Mary Lee Luskin
- William Oliver
- Philip Parnell
- Marla Sandys
- Arvind Verma

#### Assistant Professors

- Nathalie Fontaine
- Richard Spano

#### Senior Lecturer

- William Head

#### Senior Scholar

- Richard Lippke

#### Academic Advising

- Andrea Gitelson, Sycamore Hall 336
- Krystie Herndon, Sycamore Hall 301

To schedule an advising appointment, please call (812) 855-9325.

## Major in Criminal Justice

### Required Courses

Students must complete the following:

1. At least 27 credit hours in criminal justice, including CJUS P100, P200, P202, P290, and K300 (or a substitute approved by the department; see undergraduate advisor).
2. Two 400-level courses in criminal justice, and two electives. The electives must be at the 300 or 400 level. Only one of the electives may be taken from the list of Approved Optional Courses; the remaining elective must be in criminal justice.

For a list of Optional Courses Approved for the Major and Certificate, please see the section of this Bulletin with the same name, which can be found under "Criminal Justice."

One approved optional course may count in the 300–400 criminal Justice elective area.

Majors may substitute a course in statistical methods from another department of the College of Arts and Sciences, but in that case no course from the list of Approved Optional Courses may count toward the major. Students who are interested in pursuing this option (i.e., an alternative statistics course) must first verify their eligibility with the Department of Criminal Justice.

Students must complete the degree requirements of the College of Arts and Sciences, including the requirement for a minimum of 25 College of Arts and Sciences credit hours in the major subject area.

## Minor in Criminal Justice

### Requirements

1. P100, P200, and P202.
2. Two courses in criminal justice at the 300–400 level to be taken on the Bloomington campus. (CJUS K300 does not count in the minor.)

- At least 9 credit hours of the above courses must be taken in residence on the Bloomington campus.

## Area Certificate in Criminal Justice Requirements

Students who complete departmental requirements for a major in criminal justice and earn either a B.S. or B.F.A. degree in the College of Arts and Sciences or a bachelor's degree from another Indiana University Bloomington school are eligible for the certificate.

For a list of Optional Courses Approved for the Major and Certificate, please see the section of this Bulletin with the same name, which can be found under "Criminal Justice."

One approved optional course may count in the 300–400 criminal justice elective area.

Majors may substitute a course in statistical methods from another department of the College of Arts and Sciences, but in that case no course from the list of Approved Optional Courses may count toward the major. Students who are interested in pursuing this option (i.e., an alternative statistics course) must first verify their eligibility with the Department of Criminal Justice.

Non-IU degree-seeking students should contact an advisor for more information.

## Departmental Honors Program

The department offers outstanding students the opportunity to pursue important issues and problems in depth and to work closely with faculty in the departmental honors program. Students who have completed P100, P200, P202, P290, and K300, and who have a College of Arts and Sciences grade point average of at least 3.300, may be admitted to the honors program in their junior year. For graduation with a B.A. with honors in criminal justice, students must:

- Earn a GPA of 3.300 or higher in the major upon graduation.
- Complete P399 Honors Seminar. In P399 the student will do exploratory reading in an area of interest, select and develop a research topic, and write a prospectus for the honors thesis.
- Write and present an undergraduate honors thesis under the direction of a faculty advisor. The thesis must be read and approved by a three-person faculty committee. A maximum of 6 hours of credit may be earned for the honors thesis by registering for P499.
- Complete all other requirements for a major in criminal justice.

## Course Descriptions

### CJUS–P 100 Introduction to Criminal Justice (3 cr.)

P: Freshman or sophomore standing. **S & H** Historical and philosophical background, structure, functions, and operation of the criminal justice system in the United States. Introduction to and principles of formal behavior control devices. I Sem., II Sem.

### CJUS–P 150 Introductory Topics in Criminal Justice (3 cr.)

**S & H** Introduction to a specific topic related to crime and justice. Topics vary each semester: see listing in the online *Schedule of Classes*. May be repeated with

different topics for a maximum of 6 credit hours. Credit will not count toward requirements of the major or minor.

### CJUS–P 200 Theories of Crime and Deviance (3 cr.)

**S & H** Critical examination of biological, psychological, and sociological theories of crime and deviance. Examination of individual, group, and societal reactions to norm-violating behaviors. I Sem., II Sem.

### CJUS–P 202 Alternative Social Control Systems (3 cr.)

**S & H** Structure and operation of law, legal systems, and legal processes across both civil and criminal justice; the potential role of social science in aiding in understanding that law's creation and implementation, and the potential need for change. I Sem., II Sem.

### CJUS–P 210 Service Learning Experience in Criminal Justice (1 cr.)

**C:** Enrollment in an approved criminal justice course and approval of instructor. Students work with community groups related to criminal justice issues. Requirements typically include training, weekly meetings with a community group, related readings, and written statements.

### CJUS–P 250 Issues in Criminal Justice (3 cr.)

**S & H** Thorough review and analysis of issues currently facing the criminal justice system. Topics vary each semester: see listing in the online *Schedule of Classes*. May be repeated with different topics for a maximum of 6 credit hours.

### CJUS–P 281 Internship Transfer Hours in Criminal Justice (1–3 cr.)

Designed for students who want to transfer internship credit hours completed at another institution. Students currently enrolled at IU Bloomington cannot register for this class. Credit hours will not count toward requirements of the major or the minor. May be completed with different topics for a maximum of 3 credit hours.

### CJUS–P 290 The Nature of Inquiry (3 cr.)

**S & H** Introduction to research methodology, nature of scientific inquiry, research design, basic research methods, and presentation of research findings. I Sem., II Sem., SS.

### CJUS–K 300 Techniques of Data Analysis (3 cr.)

P: MATH M014 or equivalent. R: 3 credit hour mathematics course approved for College of Arts and Sciences mathematics requirement. **N & M** K300 is the second half of a research methods-data analysis sequence. It covers the properties of single variables, the measurement of association between pairs of variables, and statistical inference. Additional topics, such as the analyses of qualitative and aggregated data, address specific criminal justice concerns. Credit given for only one of K300, ANTH A306, ECON E370 or S370, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC S371, STAT K310 or S300, or SPEA K300.

### CJUS–P 300 Topics in Criminal Justice (3 cr.)

Extensive analysis of selected topics and themes in criminal justice. Topics vary each semester; see listing in the online *Schedule of Classes*. May be repeated with different topics for a maximum of 9 credit hours.

### CJUS–P 301 Police in Contemporary Society (3 cr.)

**S & H** Examination of the rules and responsibilities of the police, history of police organizations, relations between police and society, and determinants of police action.

**CJUS-P 302 Courts and Criminal Justice (3 cr.) S & H** Structure, organization, composition, functions, and procedures of courts in the United States. Role of lawyers and judges in the criminal justice process.

**CJUS-P 303 Corrections and Criminal Justice (3 cr.) S & H** Historical and comparative survey of prison confinement and the various alternatives within the scope of the criminal justice system's policies and methods of implementation.

**CJUS-P 304 Probation and Parole (3 cr.)** Study of probation, parole, and community corrections as subsystems of criminal justice, including the police, courts, and prisons. Theoretical and historical developments will be considered along with current management and research issues.

**CJUS-P 305 Deviant Images/Deviant Acts (3 cr.) S & H** Examines cross-cultural theories of deviance and crime. From witchcraft to social construction, study of theories of deviance in different historical and cultural contexts, this course focuses on ways in which theories explain nonconformity and justify social control.

**CJUS-P 306 Drugs and Society (3 cr.) S & H** Analysis of the political, economic, social, and cultural factors that shape the use of consciousness-altering substances. Consideration of the way these factors influence the social and legal response to drug use.

**CJUS-P 311 Private Security (3 cr.) S & H** Examines individuals, not-for-profit agencies, and corporations that supplement the efforts of the traditional criminal justice system. Private components of each major segment of the criminal justice system are explored. The course specifically highlights private policing, alternative dispute resolution, private prisons, and private juvenile centers.

**CJUS-P 312 Child Maltreatment and the Law (3 cr.) S & H** Exploration of how the legal system defines what constitutes the major forms of child maltreatment deemed worthy of state intervention. Examination of the nature of families assumed problematic and how the state directly intervenes. The legal challenges faced by prevention efforts.

**CJUS-P 320 Foundations of Criminal Investigation (3 cr.)** The pertinence to criminal investigation of physical evidence, people, and documents. Discussion of ethical problems, impact of legal systems on investigative process, and elements of effective testimony. Lectures and case materials.

**CJUS-P 330 Criminal Justice Ethics (3 cr.)** Study of major ethical theories with emphasis on their application to components of the criminal justice system. Personal and professional dilemmas and problem-solving strategies are emphasized.

**CJUS-P 340 Law and Society: The Cross-Cultural Perspective (3 cr.) S & H** Roles of legal institutions and processes in social and cultural systems. Cross-cultural examination of the foundations and contexts of legal forms and content and their relation to social, economic, and political systems and institutions. Analysis of legal impact, legal change, and legal development.

**CJUS-P 360 Psychology and the Law (3 cr.) S & H** Introduction to the use and misuse of psychology

throughout the criminal justice system and its processes. The course also examines the psychological development of offenders, the psychological impact of crime on victims, and the role of psychology in enacting effective criminal justice policies.

**CJUS-P 362 Sex Offenders (3 cr.) S & H** Examines a wide range of topics related to sex offenders, such as theories of deviance, sex crimes, sex addictions, pedophilia, adolescent offenders, rape and sexual assault, incest, legal responses, predator laws, risk assessment, and treatment. Content of interest to future investigators, prosecutors, police officers, and probation and treatment specialists.

**CJUS-P 370 Criminal Law (3 cr.)** Definition of common crimes in the United States and factors involving the application of criminal law as a formal social control mechanism. Behavior-modifying factors that influence criminal liability and problems created when new offenses are defined.

**CJUS-P 371 Criminal Procedure (3 cr.)** Fundamental legal problems of criminal justice system processes. Emphasis on pretrial and trial phases of American system procedures.

**CJUS-P 375 American Juvenile Justice System (3 cr.) S & H** Structure and operation of the juvenile justice system in the United States, past and present. Analysis of the duties and responsibilities of the juvenile police officer, the juvenile court judge, and the juvenile probation officer. I Sem.

**CJUS-P 380 Dispute Management (3 cr.) S & H** This course examines the processes through which individuals and groups publicly manage and settle their conflicts. Concentration on the processes of negotiation, mediation, and adjudication. Types of social and cultural situations in which these processes are used and developed to settle disputes. Processes that are most effective in settling particular types of disputes.

**CJUS-P 381 History of Social Control in the United States (3 cr.) S & H** Historical survey of ways in which Americans have tried to introduce social stability and curtail disorder within a democratic context. Includes changing definitions of deviance; development of institutions, such as prisons, mental hospitals, schools, and juvenile courts; moral reform movements; and the emergence of the corporate state.

**CJUS-P 399 Reading for Honors (1-6 cr.; max. 6 cr.)** P: Approval of departmental honors advisor. May be repeated once for a maximum of 6 credit hours. II Sem.

**CJUS-P 401 Environmental Justice (3 cr.) S & H, CSA** Interdisciplinary course on comparative justice focuses on critical issues in a range of continents, communities, and cultures. Examines the changing dynamics of law, crime, ecology, and social activism at local, regional, and global levels.

**CJUS-P 402 Criminal Careers (3 cr.) S & H** Law-abiding citizens have careers that can be intermittent or careers that last a lifetime. Criminal behavior (or "criminal careers") follows a similar pattern. This course identifies and examines why individuals have distinct criminal careers and the policy implications of the criminal career approach

**CJUS–P 403 Developmental Criminology (3 cr.) S & H**

Examination of the development of antisocial behavior and offending, the bio-psychosocial risk and protective factors at different ages, and the effects of life events on the course of development.

**CJUS–P 405 Preventing Antisocial Behavior (3 cr.)**

**S & H** Examination of crime prevention models and approaches, including situational crime prevention. The emphasis is on the implementation, evaluation, and critique of crime prevention strategies.

**CJUS–P 406 Unequal Justice (3 cr.) S & H** Focuses on controversial issues related to the intersection of race and criminal justice practice. Readings and class discussions examine racial disparities in criminal sentencing, racial profiling, high rates of incarceration among African American men and women, and acts of police violence against racial minorities.

**CJUS–P 411 Criminal Justice Management (3 cr.)**

Examination of the ideas and concepts from various disciplines contributing to modern administrative theory, and translation of these insights to the management of criminal justice agencies.

**CJUS–P 412 Sex, Drugs, AIDS, and Criminal Law**

**(3 cr.) S & H** An ethnographic and legal analysis of the AIDS epidemic and its implications for criminal justice. Consideration of the institutional, scientific, and symbolic dimensions of the epidemic and of ethnographic research regarding illegal behaviors, and the transmission of HIV.

**CJUS–P 413 Police-Community Relations (3 cr.) S & H**

Examination of the relations between police and urban communities. Consideration of the social, economic, and political factors that shape these relations and alternative approaches to improving police-community relations.

**CJUS–P 414 Adolescents and the Law (3 cr.) S & H**

Examination of the place of adolescents in American law and policy. Consideration of adolescents' rights, limits to these rights, and their relationship to socio-cultural images of adolescents.

**CJUS–P 415 Crime and Madness (3 cr.) S & H**

The study of the chronic mentally ill and of career criminals. Examination of the groups so labeled, the responses of the criminal justice and mental health systems to them, and their movement back and forth between the streets, prisons, and psychiatric centers.

**CJUS–P 416 Capital Punishment (3 cr.) S & H**

Consideration of issues raised by the use of the death penalty in the United States. Emphasis on critical thinking and open dialogue.

**CJUS–P 417 Urban Crime Patterns (3 cr.) S & H**

Perspectives from sociology and urban geography are used to analyze urban crime. Emphasis on urban spatial structure and its impact on crime rates, crime patterns, criminal behavior, and social ecology.

**CJUS–P 418 Street Crime (3 cr.) S & H**

Examination of a variety of street crimes. Consideration of acts so labeled, their incidence, participants, context, and manner of commission.

**CJUS–P 419 Race, Class, and Crime (3 cr.) S & H**

Examination of the contemporary realities associated with race and crime. Consideration of the social, political, and

economic factors that shape the life chances of American minorities; theories of minority crime causation; minorities in the criminal justice system; definitional problems associated with concepts of race and crime.

**CJUS–P 420 Violence in the Black Community (3 cr.)**

**S & H** Analysis of the causes and consequences of interpersonal violence among African Americans. Analysis of various social factors (e.g., racial discrimination, female-headed families, drug abuse, conceptions of masculinity) that contribute to this problem.

**CJUS–P 421 Crime Prevention: Environmental**

**Techniques (3 cr.) S & H** Analysis of criminal behavior and victimization from the perspective of environmental criminology. Examination of situational techniques that may be applied for their prevention.

**CJUS–P 422 Crime in the Mass Media (3 cr.) S & H**

Examination of the role of the media generally and in the criminal justice system in particular. Consideration of the construction of media images, images of crime and criminal justice in various mediums, and the ways in which the media affect beliefs about crime and criminal justice.

**CJUS–P 423 Sexuality and the Law (3 cr.) S & H**

Interdisciplinary analysis of topics pertaining to sexuality and the law. Examination of legal and cultural debates regarding sexual images and acts, the criminalization of motherhood, the international prostitution industry, and mass rape.

**CJUS–P 425 Women and the Criminal Justice System**

**(3 cr.) P: P290, K300.** The extent of participation and the role of women in all aspects of the criminal justice system are examined. Topics covered include women as defendants, offenders, prisoners, prostitutes, and victims (rape and domestic violence), and women as professionals in the system—law enforcement officers, lawyers, judges, and correction and parole officers. Readings are drawn from a variety of disciplines and sources, and professionals from criminal justice agencies may participate in relevant class discussions.

**CJUS–P 426 Juvenile Delinquency (3 cr.) S & H**

Focuses on the critical analysis of the impact of significant individual, social, and institutional influences on delinquency including the family, delinquent peer groups, schools, and the community to respond to the question, "What causes juveniles to break the law?"

**CJUS–P 427 Girls, Violence, and Antisocial Behavior**

**(3 cr.) S & H** Investigates the causes and consequences of girls' involvement in antisocial behavior, in particular violent offenses, and potential intervention and treatment.

**CJUS–P 428 Police Misconduct (3 cr.) S & H**

Examines the cause and consequences of three types of police behavior (the decision to arrest, use of force, and police deviance) drawing from empirical literature from criminology, criminal justice, sociology, public administration, and psychology.

**CJUS–P 429 Crime Mapping (3 cr.)**

The application of crime mapping to problems ranging from terrorism trafficking, illicit drug activity, and everyday crimes. Students develop skills in GIS analysis, analyzing crime patterns in terms of related social, economic, political

demographic, and physical features under the rubric of Environmental Criminology and Geographical Profiling.

**CJUS–P 430 Law and the Legal System (3 cr.)**

Readings from fiction, history, sociology, and anthropology that illuminate English Common Law and its American adaptations. Supreme Court process, judicial review and judicial restraint, and the role of the judiciary in creating as well as reflecting social change. May address contemporary controversies before the courts.

**CJUS–P 431 Social Structure and Violence (3 cr.)**

**S & H** Examines patterns and causes of variation in violence rates. Discussion of what is unique about the scientific study and measurement of violence. Demographic, temporal, and spatial patterns of violence and discussion of several potential causes of these patterns.

**CJUS–P 435 Minorities, Crime, and Social Policy (3 cr.)**

**S & H** Examines reasons for the overrepresentation of historically disadvantaged U.S. racial and ethnic minorities in the criminal justice system. Provides flexible forum for the discussion of these subgroups as processed from pre-arrest through death row: e.g., law enforcement, courts, corrections, parole, and theoretical attempts to explain the phenomenon.

**CJUS–P 437 American Indian Justice Policy (3 cr.)**

Contemporary issues of United States policy toward American Indian nations viewed in historical context and through the lens of United States law including, but not limited to, American Indian citizenship, gaming, burial protection, religious freedom, and the status of individual American Indians within the criminal justice system.

**CJUS–P 439 Seminar in Corrections (3 cr.)** P: P290, K300. Seminar on selected topics in corrections, correctional theory, or pertinent current issues.

**CJUS–P 444 Victimization (3 cr.)** P: P290, K300 or consent of department. The extent and nature of victimization (generally and for specific population subgroups), the effects of crime on victims and the services available to deal with those effects, the experiences of victims in the criminal justice system, the victims' rights movement, and alternative ways of defining and responding to victimization.

**CJUS–P 450 Pleas, Trials, and Sentences (3 cr.)**

P: P290, K300 or consent of department. **S & H** Examines nature and roles of jury trials and pleas in the disposition of criminal cases, with attention to issues of jury decision making, the role of case pressure in plea bargaining, outcomes for defendants and society, and alternatives to plea-dominated systems. Historical and comparative dimensions are considered.

**CJUS–P 457 Seminar on White-Collar Crime (3 cr.)**

**S & H** The nature and incidence of white-collar crime. In addition to studying the etiological theories relating to white-collar crime, the course will also focus on both the criminal and civil (regulatory) processes used to control corporate, organizational, and elite misconduct.

**CJUS–P 460 Public Control of Deviant Behavior (3 cr.)**

P: P290, K300 or PSY P324, or consent of instructor. Description and etiology of selected deviant behavior patterns of a criminal or quasi-criminal nature. I Sem.

**CJUS–P 461 Lethality: Homicide and Self-Destruction (3 cr.)** **S & H** An interdisciplinary approach to the study of suicide and homicide, drawing on the contributions of criminology, psychology, anthropology, and sociology. Empirical literature relating to theories of homicide and self-destruction.

**CJUS–P 462 Child Abuse and Neglect (3 cr.)** P: P200

and senior standing, or consent of instructor. **S & H** Cultural, societal, and personal components that lead to child abuse. Approaches to treatment and prevention.

**CJUS–P 471 Comparative Study of Criminal Justice Systems (3 cr.)** P: P290, K300. **S & H** Comparison of the American criminal justice system with those of other

federated nations and of selected unitary states.

**CJUS–P 474 Law, Crime, and Justice in Post-Soviet Russia (3 cr.)** **S & H** Interdisciplinary course examines

how the executive, legislative, and judicial branches of government are being influenced by the forces of transition. Analysis of Russian crime, including corruption, patterns of interpersonal violence, human trafficking, and drug use. Last section focuses on the Russian criminal justice system, including juvenile justice, policing, and prisons.

**CJUS–P 481 Field Experience in Criminal Justice (3 or 6 cr.)** P: Permission of instructor, including approval

of project. Field experience with directed readings and writing. Credit will not count toward requirements of the major or the minor. May be repeated once for a maximum of 6 credit hours. I Sem., II Sem., SS.

**CJUS–P 482 The Family and Formal Control Systems in America (3 cr.)** P: P290, K300 or consent of instructor.

**S & H** Interdisciplinary examination of family factors in the causation, prevention, and correction of norm-violating behavior (juvenile delinquency, intrafamilial violence, etc.). Relationships between American family structures and social control systems.

**CJUS–P 493 Seminar in Criminal Justice (3 cr.)**

Intensive study and analysis of selected problems in criminal justice. Topics will vary. May be repeated for a total of 9 credit hours with different topics.

**CJUS–P 495 Individual Readings and Projects (1-6 cr.)**

P: Consent of instructor and chairperson. Individual study project under guidance of faculty member or committee. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester. May be repeated for a maximum of 6 credit hours. I Sem., II Sem., SS.

**CJUS–P 496 Research Internship (1–3 cr.)** P: Consent

of instructor and chairperson. Active participation in a research project and related activities under the direction of a faculty member. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester. May be repeated for a maximum of 6 credit hours. I Sem., II Sem., SS.

**CJUS–P 497 Teaching Internship (1-3 cr.)** P: Minimum

overall GPA of 3.300, permission of the instructor, and consent of department chair. Supervised experience in assisting in an undergraduate course. Discussion of good teaching practices. Students will complete a project related to the aims of the course in which they are assisting. Students and instructor will complete a

form agreeing on responsibilities at the beginning of the relevant semester. May be repeated for a maximum of 3 credit hours. I Sem., II Sem.

**CJUS–P 499 Senior Honors Thesis (3-6 cr.)** P: Consent of departmental honors advisor. Honors thesis to be written under direction of a faculty member. Oral examination over thesis conducted by three faculty members. May be repeated once for a maximum of 6 credit hours. I Sem., II Sem.

## Optional Courses Approved for Major and Certificate

### African American and African Diaspora Studies

- A382 Black Community, Law, and Social Change (3 cr.) **S & H**

### Anthropology

- E405 Principles of Social Organization (3 cr.)

### Economics

- E308 Survey of Public Finance (3 cr.) **S & H**

### History

- A325 American Constitutional History (3 cr.) **S & H**

### Philosophy

- P342 Problems of Ethics (3 cr.) **A & H**
- P345 Problems in Social and Political Philosophy (3 cr.) **A & H**
- P352 Logic and Philosophy (3 cr.) **A & H**

### Political Science

- Y302 Public Bureaucracy in Modern Society (3 cr.) **S & H**
- Y303 Formation of Public Policy in the United States (3 cr.) **S & H**
- Y304 Constitutional Law (3 cr.) **S & H**
- Y305 Constitutional Rights and Liberties (3 cr.) **S & H**
- Y308 Urban Politics (3 cr.) **S & H**
- Y311 Democracy and National Security (3 cr.) **S & H**

### Psychological and Brain Sciences

- P319 Psychology of Personality (3 cr.) **S & H**
- P320 Social Psychology (3 cr.) **S & H**
- P324 Abnormal Psychology (3 cr.) **S & H**
- P434 Community Psychology (3 cr.)
- P460 The Psychology of Women (3 cr.) **S & H**

### Sociology

- S316 The Family (3 cr.) **S & H**
- S320 Deviant Behavior and Social Control (3 cr.) **S & H**
- S326 Law and Society (3 cr.) **S & H**
- S335 Race and Ethnic Relations (3 cr.) **S & H , CSA**

## East Asian Languages and Cultures

### Introduction

The Department of East Asian Languages and Cultures (EALC) is a multidisciplinary and multicultural department that aims to provide students with an enhanced understanding of Chinese, Japanese, and Korean languages and cultures. The department offers a wide range of culture courses, open to nonmajors, that deal with virtually every facet of the cultures of East Asia. Language courses in Chinese, Japanese, and Korean are offered from beginning to advanced levels.

Two majors and two minors are offered. The majors differ in the amount of language required and in the specificity and range of culture courses allowed. All students majoring in the department are required to contact their faculty advisors at least once a semester. There is a language minor in Japanese, Chinese, or Korean, and a minor in East Asian studies, which requires no language training.

As part of the baccalaureate training, students are encouraged to study abroad in China, Japan, or Korea on one of IU's overseas study programs. Students who are returning from East Asia or who have any background in an East Asian language prior to enrolling at IU are required to take a placement exam before enrolling in a language course.

### Contact Information

Department of East Asian Languages and Cultures  
Indiana University  
250 Goodbody Hall  
Bloomington, IN 47405  
(812) 855-1992

[ealc@indiana.edu](mailto:ealc@indiana.edu)

<http://www.indiana.edu/~ealc>

## Faculty

### Chairperson

- Michael Robinson

### Professors

- Gregory Kasza
- Jennifer Liu
- Klaus Mühlhahn (History)
- Jean Robinson (Political Science)
- Michael Robinson
- Richard Rubinger
- Natsuko Tsujimura

### Associate Professors

- Laurel Cornell (Sociology)
- Robert Eno
- Sara Friedman (Anthropology, Gender Studies)
- Hyo-Sang Lee
- Ethan Michelson (Sociology)
- Scott O'Bryan
- Edith Sarra
- Aaron Stalnaker (Religious Studies)



**Assistant Professors**

- Gardner Bovingdon (Central Eurasian Studies)
- Stephanie DeBoer (Communication and Culture)
- Ho-Fung Hung (Sociology)
- Scott Kennedy
- Keiko Kuriyama
- Charles Lin
- Manling Lou
- Marvin Sterling (Anthropology)
- Michiko Suzuki
- Kevin Tsai (Comparative Literature)

**Senior Lecturer**

- Sue Tuohy (Folklore and Ethnomusicology)

**Lecturer**

- Misako Matsubara

**Academic Advising**

- Kim Hinton, Goodbody Hall 202, (812) 855-3493

**Area Studies Librarian**

- Wen-ling Diana Liu

**Major in East Asian Studies****Purpose**

The major in East Asian Studies includes two years of language training in one of the three East Asian languages (Chinese, Japanese, or Korean), in addition to course work in aspects of East Asian society and culture. It has been designed as a flexible program for students who want basic language training as well as the opportunity to study a variety of topics and approaches to the culture and history of East Asian countries. This major is suitable for students pursuing careers in business, international relations, cultural exchanges, and other occupations with a focus on East Asia.

**Required Courses**

A minimum of 26 credit hours in department-approved courses, including:

1. Second-year, second-semester proficiency in Chinese, Japanese, or Korean (i.e., through the 202 level). First-year language courses (i.e., C101-C102, J101-J102, J110, K101-K102) are not credited toward the total number of hours in the major.
2. At least six culture courses (18 credit hours) above the 100 level, one of which must be E200. Culture courses must include at least two culture areas (China, Japan, Korea). Three of the culture courses must be at the 300–400 level, selected from the subject area course list. For a list of culture courses, please see the section of this *Bulletin* entitled "East Asian Culture Courses by Subject Area," which can be found under the departmental listing for East Asian Languages and Cultures.

Students must complete the degree requirements of the College of Arts and Sciences. Students should also read Placement/Proficiency Examinations in this departmental section.

**Major in Language and Culture****Purpose**

The major in language and culture emphasizes language training in one of the East Asian languages (Chinese,

Japanese, or Korean). The Chinese, Japanese, and Korean Concentrations each require language study through the third-year level. In addition, there is also a fourth option called the Accelerated Chinese Concentration, which requires language study through the fourth-year level. In addition to language study, Language and Culture majors take courses on the society's culture, including in-depth study in one of two subject areas, according to the student's primary interest: "History, Literature and Culture"; or "Politics, Social Science and Business." (It is also possible to design an individualized subject area in accordance with a student's special interests or goals, depending on course availability, in consultation with the departmental advisor.) This major is intended for students who wish to develop a solid foundation of language skills and knowledge in one of the three culture areas or to prepare for graduate studies.

**Requirements**

For the Chinese and Japanese Concentrations, a minimum of 31 credit hours, and for the Korean Concentration, a minimum of 29 credit hours in department-approved courses, including:

1. Third year, second-semester proficiency in Chinese, Japanese, or Korean (i.e., through the 302 level). First-year language courses (C101-C102, J101-J102, J110, K101-K102) are not credited toward the total number of hours in the major.
2. At least five culture courses (15 credit hours) above the 100 level, one of which must be E200. Three culture courses must be at the 300–400 level, selected from the same subject area (either History, Literature and Culture or Politics, Social Science, and Business). Though it does not count toward the subject area requirement, one fourth-year language course may be counted as a required culture course. For courses by subject area, please see the section of this *Bulletin* entitled "East Asian Culture Courses by Subject Area," which can be found under the departmental listing for East Asian Languages and Cultures.

For the Accelerated Chinese Concentration, a minimum of 36 credit hours in department-approved courses, including:

1. Fourth-year, second-semester proficiency in Chinese (i.e., through the 402 level) and two semesters of C457 and/or C467. First- and second-year language courses (C101-C102 and C201-202) are not credited toward the total number of hours in the major.
2. At least five culture courses (15 credits) above the 100 level, including the following required courses: E200, two 300-level culture courses that accompany C457 and/or C467, and three credits of overseas study (C496). Students pursuing the Accelerated Chinese Concentration do not have to select a subject area concentration within the five culture courses.
3. One semester of C498 (internship; 1–6 cr.).

Note that the Accelerated Chinese Concentration requires summer and overseas study. Because students are expected to have completed the equivalent of four years of language preparation by the end of their second college year, students with no prior background in Chinese who elect this concentration will be expected to take Chinese

language courses during the summers after their freshman and sophomore years. Students with no prior background who enter the program after the freshman year should anticipate similar course work during the summer and a total of more than four years to graduate.

Students must complete the degree requirements of the College of Arts and Sciences. Students should also read Placement/Proficiency Examinations in this departmental section.

## Double Major

### Purpose

Each of the majors described above may be pursued in combination with a major in another department. Students whose broader interests include preparation for such careers as business, law, or telecommunications, and who desire some background in East Asian cultures, may consider a program leading to the double major degree given by the College of Arts and Sciences.

### Required Courses

Course requirements are the same for the double major as for the single major leading to the standard B.A. degree. A double major within the department is not permitted.

## Minor in East Asian Languages

### Required Courses

Students may minor in Chinese, Japanese, or Korean language. A minimum of 15 credit hours in the chosen language is required, including the completion of the third year. At least 6 credit hours must be completed in this department; the remaining credit hours may be earned either by taking course work or by meeting the requirements for special credit. Culture courses may not count toward the language minor.

## Minor in East Asian Studies

### Required Courses

Students must complete 15 credit hours from courses taught in the department or cross-listed under East Asian Studies (below), excluding language courses and courses at the 100 level. At least 6 credit hours taken toward the minor must be at the 300 level or above.

## Program for Teacher Certification

A program for secondary teacher certification in modern East Asian languages is jointly administered by the Department of East Asian Languages and Cultures and the School of Education. For information and advising, candidates should contact the School of Education advising office, Education 1000, (812) 856-8510.

## Policy on Academic Advising

Students are encouraged to maintain close contact with the departmental academic advisor in planning their courses. Faculty mentoring is available in the department; students are strongly encouraged to choose a mentor (in consultation with the academic advisor).

## Policy on Continuing in the East Asian Language Program

Students wanting to proceed to the next level of an East Asian language must earn a minimum grade of C in their current course. Any student earning a grade less than C

and registering for the next semester of an East Asian language will be required to drop the class.

## Departmental Honors Program

To apply for departmental honors, a student must first complete 15 credit hours in one of the department's majors. As a rule, the student must have and maintain a grade point average of at least 3.500 in the major and 3.300 overall. Ordinarily the student should submit an application to the department office no later than the second semester of the junior year. With the approval of the director of undergraduate studies, the student may then propose a thesis topic to a faculty member, who will direct the thesis project. While working on the thesis, the student must enroll in H399 Reading for Honors and H499 Honors Thesis. Only H499 will count toward the regular credit hour requirements of the major. The thesis advisor and one other faculty reader appointed by the department will grade the thesis. To qualify for honors at graduation, the thesis must receive a grade of A– or higher.

## Prizes

### James and Noriko Gines Scholarship

For an undergraduate demonstrating outstanding achievement both in an East Asian language and also in preprofessional studies (e.g., business, medicine, or law).

### Paul Nutter Memorial Scholarship

For an undergraduate in East Asian languages demonstrating the commitment, persistence, and heart of Paul Nutter.

### Yasuda Prize

For undergraduates who have demonstrated excellence in language and culture studies in Japanese.

### Uehara Prize

For undergraduates who have demonstrated excellence in East Asian Studies.

## Overseas Study

Students are encouraged to study abroad, particularly on Indiana University overseas study programs, where they can continue to make progress toward their degrees and apply financial aid to program fees. For information about study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Placement/Proficiency Examinations

Students who have any background in an East Asian language are required to take a placement exam prior to initial enrollment in an EALC language course. Placement exams, as well as proficiency exams to satisfy language requirements, are given prior to classes each semester. Students should contact the departmental office for the scheduled time and place. Within six months, students should take the course they place into. If more than six months pass, students must retake the placement test before registering.

Students who wish to document their language proficiency to satisfy a foreign language requirement must take a proficiency test, which is given on the same schedule as the placement test prior to the start of each semester.

Course work in East Asian languages taken other than at the IU Bloomington campus is subject to review by the department; for language courses, placement or

proficiency exams are required for credit toward the major and for class placement.

## Course Descriptions

### Chinese Language and Literature

**EALC–C 101 Elementary Chinese I (4 cr.)** An introductory course that lays groundwork for the study of modern Chinese. It aims at fostering proficiency in all four language skills (aural understanding, speaking, reading, and writing), and helping students handle simple tasks in daily routines. Basic sentence patterns, vocabulary, and characters are all practiced in meaningful contexts. I Sem.

**EALC–C 102 Elementary Chinese II (4 cr.)** P: Grade of C or higher in C101, or equivalent proficiency. Continuation of C101. II Sem.

**EALC–C 103 Advanced Elementary Chinese I (4 cr.)** P: Consent of instructor. For students with significant speaking and listening abilities, through home exposure or prior overseas experience. Emphasis on developing students' ability to read and write Chinese with commonly used characters, though pronunciation and speaking are also stressed. I Sem.

**EALC–C 104 Advanced Elementary Chinese II (4 cr.)** P: Grade of C or higher in C103, or equivalent proficiency. Continuation of C103. II Sem.

**EALC–C 107 Pre-College Elementary Chinese I (2 cr.)** P: Application and acceptance into the Chinese Language Institute (CLI); application available at <http://www.indiana.edu/~cclp>. Offered through the CLI, a three-week summer program. Designed for high school students with no previous study of Chinese to acquire and apply Chinese language skills in a naturalistic, real-life context to jump-start future study.

**EALC–C 108 Pre-College Elementary Chinese II (2 cr.)** P: Application and acceptance into the Chinese Language Institute (CLI); application available at [www.indiana.edu/~cclp](http://www.indiana.edu/~cclp). Offered through the CLI, a three-week summer program. Designed for high school students with no previous study of Chinese to acquire and apply Chinese language skills in a naturalistic, real-life context and consolidate their previous learning.

**EALC–C 111 Elementary Business Chinese I (1–3 cr.)** Language practice with focus on business applications. Business-related vocabulary, dialogue, and grammar practice using business world situations and contexts.

**EALC–C 201 Second-Year Chinese I (4 cr.)** P: Grade of C or higher in C102, or equivalent proficiency. Building on the grammar and lexicon from first-year, students will explore the broader cultural context in which language is used, experience more subtle oral and written forms, and learn to use perspectives in addition to the speaker's. I Sem.

**EALC–C 202 Second-Year Chinese II (4 cr.)** P: Grade of C or higher in C201, or equivalent proficiency. Continuation of C201. II Sem.

**EALC–C 301 Third-Year Chinese I (4 cr.)** P: Grade of C or higher in C202, or equivalent proficiency. Emphasis on practice in understanding the difference between oral and written expression, building up discourse-level narration

skills, and developing reading strategies for coping with authentic texts. I Sem.

**EALC–C 302 Third-Year Chinese II (4 cr.)** P: Grade of C or higher in C301, or equivalent proficiency. Continuation of C301. II Sem.

**EALC–C 306-C 307 Literary Chinese I-II (3-3 cr.)** P: C202, or equivalent proficiency. An introduction to *wenyanwen*, the written language of traditional Chinese literary and documentary forms, through the study of selected texts of different genres and periods. Texts may range from ancient writings to modern prose influenced by traditional style. This course does not satisfy the College of Arts and Sciences foreign language requirement.

**EALC–C 311 Chinese Language Practice: Humanities (1 cr.)** P: Concurrent registration in C301 or C302, or permission of the instructor. For students who want simultaneously to improve their content knowledge and language skills by discussing Chinese literature, arts, music, or other humanities.

**EALC–C 312 Chinese Language Practice: Social Sciences (1 cr.)** P: Concurrent registration in C301 or C302, or permission of the instructor. For students who want simultaneously to improve their content knowledge and language skills by discussing Chinese politics, society, economics, or other social sciences.

**EALC–C 320 Business Chinese (2–3 cr.; max of 4 cr.)** P: Grade of C or higher in C301, or equivalent proficiency. For students who want to acquire skills for business interactions with Chinese-speaking communities. Classroom activities such as mock negotiation in international trade, business letter writing, and oral presentation, help students acquire skills for business interactions with Chinese-speaking communities. When taken as an overseas study course, will be taken for 2 credit hours and may be repeated once for a maximum of 4 credit hours.

**EALC–C 330 Mandarin for Dialect Speakers (3 cr.)** P: Grade of C or higher in C202 or equivalent proficiency. For students who speak other dialects of Chinese and already know how to read and write. Develops students' ability to speak and comprehend standard modern Chinese. Systematically compares and contrasts the sound and syntactic systems of students' dialects with those of Mandarin.

**EALC–C 333 Foreign Study in Chinese, Third Year (2–10 cr.)** P: Acceptance into an Indiana University–approved overseas study program. Credit for foreign study in Chinese language when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 10 credit hours.

**EALC–C 401 Fourth-Year Chinese I (3 cr.)** P: Grade of C or higher in C302, or equivalent proficiency. Emphasis on understanding and appreciating Chinese literary genres and prose. I Sem.

**EALC–C 402 Fourth-Year Chinese II (3 cr.)** P: Grade of C or higher in C401, or equivalent proficiency. Continuation of C401. II Sem.

**EALC–C 421 Introduction to Chinese Linguistics (3 cr.)** P: Grade of C or higher in C202, or consent of instructor. **N & M** Up-to-date knowledge about Chinese

language, spoken and written; development of Chinese linguistics as a discipline. Not counted as a language course.

**EALC–C 425 Teaching Chinese Language (3 cr.)**

P: Grade of C or higher in C302 or equivalent proficiency, and permission of the instructor. Taught in seminar-practicum format, the course examines contemporary paradigms of foreign language instruction, identifies critical issues in language pedagogy, and explores various techniques of teaching the four language skills (speaking, listening, reading, writing). Active participation mandatory.

**EALC–C 431 Readings in Modern Chinese Literature (3 cr.)**

P: Grade of C or higher in C402, or consent of instructor. **A & H** Selected readings in modern Chinese plays, stories, and essays.

**EALC–C 433 Foreign Study in Chinese, Fourth Year (2–10 cr.)**

P: Acceptance into an Indiana University–approved overseas study program. Credit for foreign study in Chinese language when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 10 credit hours.

**EALC–C 450 Chinese Writing and Rhetoric (3 cr.)**

P: Grade of C or higher in C402 or consent of instructor. Practice in reading, writing, and speaking through analysis of modern prose and literary texts. Examination of how Chinese speakers frame discourse, so students may develop their ability to present ideas with precise diction, in appropriate registers, in extended discourse.

**EALC–C 451 Advanced Classical Chinese I (3 cr.)**

P: Grade of C or higher in C307, or consent of instructor. Selected readings of representative Chinese prose and poetry from the traditional period.

**EALC–C 452 Advanced Classical Chinese II (3 cr.)**

P: Grade of C or higher in C451, or consent of instructor. Continuation of C451.

**EALC–C 457 Chinese in Humanities (3 cr.)**

P: Grade of B or higher in C402 or equivalent proficiency. Advanced language practice associated with authentic academic texts in humanities disciplines. Emphasis on interpreting, analyzing, and presenting Chinese cultural concepts, artifacts, and events from a global perspective, for an authentic purpose, and within a performance assessment framework. May be offered independently in Chinese, or linked with an English-language content course. May be repeated for a maximum of 6 credit hours.

**EALC–C 467 Chinese in Social Science (3 cr.)**

P: Grade of B or higher in C402 or equivalent proficiency. Advanced language practice associated with authentic academic texts in social science disciplines. Emphasis on interpreting, analyzing, and presenting Chinese cultural concepts, practice, and events from a global perspective, for an authentic purpose, and within a performance assessment framework. May be offered independently in Chinese, or linked with an English-language content course. May be repeated for a maximum of 6 credit hours.

**Japanese Language and Literature**

**EALC–J 101 Elementary Japanese I (4 cr.)**

An introductory, skills-oriented course emphasizing learning language in context. Development of listening and

speaking in simple interactional situations, and controlled reading and writing skills. I Sem.

**EALC–J 102 Elementary Japanese II (4 cr.)**

P: Grade of C or higher in J101, or equivalent proficiency. Continuation of J101. II Sem.

**EALC–J 110 Japanese for Advanced Beginners (3 cr.)**

Designed for students who already have some familiarity with beginner-level Japanese, but who are not proficient enough in the language to meet the prerequisite for J102. The goal of the course is to enable students to improve their speaking, listening, reading, writing, and more generally, communication skills in Japanese. Credit given for only one of J101 or J110.

**EALC–J 201 Second-Year Japanese I (4 cr.)**

P: Grade of C or higher in J102, or equivalent proficiency. Continuation of emphasis on communicative skills. Increased attention to reading and writing skills. I Sem.

**EALC–J 202 Second-Year Japanese II (4 cr.)**

P: Grade of C or higher in J201, or equivalent proficiency. Continuation of J201. II Sem.

**EALC–J 301 Third-Year Japanese I (4 cr.)**

P: Grade of C or higher in J202, or equivalent proficiency. Primary emphasis on reading skills. Conversation stressed in drill sections. I Sem.

**EALC–J 302 Third Year-Japanese II (4 cr.)**

P: Grade of C or higher in J301, or equivalent proficiency. Continuation of J301. II Sem.

**EALC–J 311 Japanese Language Practice: Humanities (1 cr.)**

P: Concurrent registration in J301 or J302, or permission of the instructor. For students who want simultaneously to improve their content knowledge and language skills by discussing Japanese literature, arts, music, or other humanities.

**EALC–J 312 Japanese Language Practice: Social Sciences (1 cr.)**

P: Concurrent registration in J301 or J302, or permission of the instructor. For students who want simultaneously to improve their content knowledge and language skills by discussing Japanese politics, society, economics, or other social sciences.

**EALC–J 333 Foreign Study in Japanese, Third Year (2–10 cr.)**

P: Acceptance into an Indiana University–approved overseas study program. Credit for foreign study in Japanese language when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 10 credit hours.

**EALC–J 401 Fourth-Year Japanese I (3 cr.)**

P: Grade of C or higher in J302, or equivalent proficiency. Emphasis on advanced reading skills. I Sem.

**EALC–J 402 Fourth-Year Japanese II (3 cr.)**

P: Grade of C or higher in J401, or equivalent proficiency. Continuation of J401. II Sem.

**EALC–J 421 Introduction to Japanese Linguistics (3 cr.)**

R: One year of Japanese, or equivalent proficiency. **N & M** A descriptive survey of issues in Japanese linguistics. Topics include syntax, phonology/phonetics, and semantics/ pragmatics of Japanese.

**EALC–J 425 Teaching Japanese Language (3 cr.)**

P: Grade of C or higher in J302, or equivalent proficiency,

and permission of the instructor. Taught in seminar-practicum format, the course examines contemporary paradigms of foreign language instruction, identifies critical issues in language pedagogy, and explores various techniques of teaching the four language skills (speaking, listening, reading, writing). Active participation mandatory.

**EALC–J 431 Readings in Modern Japanese Literature (3 cr.)** P: Grade of C or higher in J402, or equivalent proficiency. **A & H** Selected reading in modern Japanese plays, novels, and essays.

**EALC–J 433 Readings in Modern Japanese Literature (2–10 cr.)** P: Acceptance into an Indiana University–approved overseas study program. Credit for foreign study in Japanese language when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 10 credit hours.

**EALC–J 441 Readings in Japanese Scholarly Materials (3 cr.)** P: Grade of C or higher in J402, or equivalent proficiency. **S & H** Social, political, historical, and other types of writings in modern Japanese prose, excluding *belles lettres*.

**EALC–J 451 Readings in Japanese Newspapers and Journals (3 cr.)** P: Grade of C or higher in J402, or equivalent proficiency. Exploration of the salient features of the academic and journalistic writing style of modern expository Japanese used by prominent thinkers, well-known journalists, and critical essayists of Japan today.

**EALC–J 461–J 462 Literary Japanese I-II (3-3 cr.)** P: Grade of C or higher in J302, or equivalent proficiency. A basic outline of the varieties of written Japanese known collectively as *bungotai* or "literary Japanese." Initial emphasis is on reading and close rhetorical and grammatical analysis of genres from the tenth through fifteenth centuries, with later attention to other periods and texts.

**EALC–J 491 Humanities Topics in Japanese (3 cr.)** P: Permission of instructor. **A & H, CSA** For advanced Japanese language students. Emphasis on a topic, genre, or author in Japanese literature or humanities. Content selected to enhance specific language skills (reading, writing, speaking, or listening). May be repeated with different topics for a maximum of 6 credit hours.

**EALC–J 492 Historical and Cultural Topics in Japanese (3 cr.)** P: Permission of instructor. **S & H, CSA** For advanced Japanese language students. Emphasis on a topic in Japanese history or culture. Content selected to enhance specific language skills (reading, writing, speaking, or listening). May be repeated with different topics for a maximum of 6 credit hours.

### Korean Language and Literature

**EALC–K 101 Elementary Korean I (4 cr.)** This course provides students with basic conversational and grammatical patterns, assuming that the students have no or little previous background knowledge of Korean. The objective of the course is to equip students with communicative skills in speaking, listening, reading, and writing at a basic level. I Sem.

**EALC–K 102 Elementary Korean II (4 cr.)** P: Grade of C or higher in K101, or equivalent proficiency. Continuation of K101. II Sem.

**EALC–K 201 Second-Year Korean I (4 cr.)** P: Grade of C or higher in K102, or equivalent proficiency. Both spoken and written aspects stressed. I Sem.

**EALC–K 202 Second-Year Korean II (4 cr.)** P: Grade of C or higher in K201, or equivalent proficiency. Continuation of K201. II Sem.

**EALC–K 301 Third-Year Korean I (3 cr.)** P: Grade of C or higher in K202, or equivalent proficiency. Primarily designed to develop and enhance students' reading ability through a variety of written materials; considerable emphasis on writing and conversational skills. Some 200 Chinese characters that are frequently used in Korean newspapers may be taught.

**EALC–K 302 Third-Year Korean II (3 cr.)** P: Grade of C or higher in K301, or equivalent proficiency. Designed primarily to develop and enhance students' reading ability through a variety of written materials; considerable emphasis on writing and conversational skills. An additional 200 Chinese characters that are frequently used in Korean journals may be taught.

**EALC–K 401 Fourth-Year Korean I (3 cr.)** P: Grade of C or higher in EALC-K 302, or equivalent proficiency. Emphasis on advanced reading skills, featuring authentic writings such as newspaper editorials, essays, movie scenarios, and TV news.

**EALC–K 402 Fourth-Year Korean II (3 cr.)** P: Grade of C or higher in EALC-K 401, or equivalent proficiency. Continuation of K401, completing the fourth year of Korean language study.

### East Asian Culture

Many of the culture courses offered by the department require no knowledge of Chinese, Japanese, or Korean. These courses are open to all students of the university regardless of their major and without prerequisites. Some of these courses satisfy the culture studies requirement and distribution requirement.

**EALC–E 100 East Asia: An Introduction (3 cr.)** **A & H, CSA** Basic introduction to China, Japan, and Korea. Intended to help students understand the unique character of each of these three cultures within the general framework of East Asian civilization, comprehend the historical importance of the three countries, and appreciate the crucial role they play in the world today.

**EALC–E 101 The World and East Asia (3 cr.)** **S & H, CSA** Explorations of interactions between East Asia and other regions of the world. Depending on instructor, focus may be on Asian-American experiences, East Asia in world history, mutual perceptions in literary or media images, or political, social, and economic relations in modern times. May be repeated once with a different topic for a maximum of 6 credit hours.

**EALC–E 110 Popular Culture in East Asia (3 cr.)** **A & H, CSA** Surveys East Asian popular culture by examining the evolution and contemporary forms of mass culture in the region. Students will study the structure and political, social, and cultural implications of transnational cultural flows between East Asia and the West.

**EALC–E 160 The Daoist Body (3 cr.)** **A & H, CSA, TFR** Daoism, also spelled "Taoism," is commonly known as the "religion of immortality." But of course, Daoists

did die. Through Daoist scriptures, images, stories, and meditations, we will explore in this course what the attainment of immortality meant in flesh and blood terms to early Chinese Daoists.

**EALC–E 180 Cross-Cultural Experiences of War: East Asia and the United States (3 cr.) S & H, CSA, TFR**

This course examines the impact of twentieth century wars on American–East Asian cultural and political relations. We will consider World War II, the Korean War, and the Vietnam War from the viewpoint of ordinary people, soldiers, and civilians, while exploring how their experiences shape mutual perceptions of culture, values, and race.

**EALC–E 200 Introduction to East Asian Studies (3 cr.) CSA**

A broad survey of Chinese, Japanese, and Korean civilizations that examines the idea of East Asia as a region with unifying social, cultural, and political characteristics, and its different societies, introducing analytic frameworks that have guided recent understandings of East Asia as a region and of individual East Asian societies.

**EALC–E 201 Issues in East Asian Literature (3 cr.)**

**A & H, CSA** Survey and analysis of selected issues in East Asian literature and arts. Topics vary, but are generally on broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 202 Issues in East Asian Traditions and Ideas (3 cr.) A & H, CSA**

Survey and analysis of selected issues in thought and religion of general import. Topics vary, but are generally on broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 203 Issues in East Asian Cultural History (3 cr.) S & H, CSA**

Survey and analysis of selected issues pertinent to changes in the human condition over time in East Asia. Topics vary, but are generally on broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 204 Issues in East Asian Society (3 cr.) S & H, CSA**

Survey and analysis of selected issues in East Asian political, economic, and cultural institutions of society. Topics vary, but are generally on broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 231 Japan: The Living Tradition (3 cr.) A & H, CSA**

An introduction into the patterns of Japanese culture: society, history, visual arts, literary masterpieces, performing arts, and living religious traditions.

**EALC–E 232 China Past and Present: Culture in Continuing Revolution (3 cr.) A & H, CSA**

Chinese culture and its modern transformations. Intellectual, artistic, and literary legacies of the Chinese people.

**EALC–E 233 Survey of Korean Civilization (3 cr.)**

**A & H, CSA** An introduction to the major cultural, social, and political features of Korean society from its prehistorical past to contemporary times. Focuses on how Koreans blended Chinese civilization and, in the

twentieth century, institutions from the West and Japan, with indigenous traditions to produce a unique civilization.

**EALC–E 251 Traditional East Asian Civilizations (3 cr.) S & H, CSA**

A chronological and comparative survey of the traditional civilizations of East Asia through lectures and readings of source materials (in translation) in literature, history, philosophy, and the arts, with emphasis on the interrelationship among the cultures of East Asia from ancient times to the early modern era. Credit given for only one of EALC-E 251 or HIST-H 237.

**EALC–E 252 Modern East Asian Civilization (3 cr.)**

**S & H, CSA** Contrasting patterns of indigenous change and response to Western imperialism in East Asia during the nineteenth and twentieth centuries. China and Japan receive primary consideration; Korea and Vietnam, secondary. Emphasis on the rise of nationalism and other movements directed toward revolutionary change. Credit given for only one of EALC-E 252 or HIST-H 207.

**EALC–E 270 Japanese Language and Society (3 cr.)**

**A & H, CSA** A survey of Japanese cultural patterns and the structure of Japanese society as reflected in the Japanese language. Comparisons with aspects of American culture and language will be included. Knowledge of Japanese language is not required.

**EALC–E 271 Twentieth-Century Japanese Culture (3 cr.) A & H, CSA**

Cultural modes in twentieth-century Japan: traditional arts (e.g., tea ceremony, flower arrangement, puppet plays, haiku poetry) and modern arts (e.g., Western-inspired theatre, existential fiction, cinema).

**EALC–E 300 Studies in East Asian Literature (3 cr.)**

**A & H, CSA** Selected issues and problems of importance to the understanding of East Asian literature or linguistics. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 301 Chinese Language and Culture (3 cr.)**

**A & H, CSA** The relationship of Chinese language to its culture and society. Four topics emphasized: (1) unique characteristics of Chinese; (2) influence of language structure on thought patterns and social behavior; (3) traditional conception of life as it affects verbal behavior; and (4) interaction between linguistic and other factors in social life.

**EALC–E 302 Geographic Patterns in China (3 cr.)**

P: Junior status or one of the following: E100, E251, E256, or GEOG-G 110. **S & H, CSA** Analysis of national and regional patterns in agricultural modernization and collectivization, cities and urbanization, industrialization, social programs, environmental conservation. Focus on emergence of contemporary patterns from traditional society.

**EALC–E 303 Korean Folk and Elite Cultures (3 cr.)**

**A & H, CSA** Introduction to Korean culture and society from earliest times to the present, including oral and written literature, religion, social customs, and performing arts.

**EALC–E 305 Korean Language and Culture (3 cr.)**

**S & H, CSA** A survey of cultural, conceptual, and philosophical patterns, and the structure of Korean society, as reflected by the Korean language.

**EALC–E 316 Computer-Enhanced Language Learning (3 cr.)** P: Basic computer literacy required. An exploration of the use of computer technology in foreign language learning, to equip students with concepts and tools to improve language studies, and an examination of research and findings on the effectiveness of technology in language skill development. Basic computer literacy required.

**EALC–E 321 Traditional Japanese Literature (3 cr.)** A & H, CSA Introduction to major works of Japanese literature from its golden age to the early modern period. Studying English translations, students pay special attention to issues of gender, narration, and the connections between literature and the political, cultural, and religious discourses that were part of the texts' originating context.

**EALC–E 322 Modern Japanese Literature (3 cr.)** A & H, CSA Introduction to the major works of modern Japanese literature in English translation from the 1890s to the present. Examines issues central to this literature since Japan's opening to the West, such as self/national identity, sexuality, war, and modernity.

**EALC–E 331 Traditional Chinese Literature (3 cr.)** A & H, CSA Introduction to Chinese historical and religious writing, narrative prose, and lyrical poetry from roughly 1300 BCE to 1300 CE. Studying English translations, students consider the roles of literature in Chinese history, and the way the written word served to construct Chinese culture.

**EALC–E 332 Chinese Literature since 1300 (3 cr.)** A & H, CSA Introduction to major authors, works, and genres from the Yuan Dynasty to modern times. Studying English translations, students examine how literature is related to important political, ideological, and cultural concerns in the process of Chinese modernity, and explore issues of nationalism, revolution, and commercialism in modern literature and post-Mao writing.

**EALC–E 333 Studies in Chinese Cinema (3 cr.)** A & H, CSA Critical and historical perspectives on Chinese cinema from the 1930s to the 1990s, including Taiwan and Hong Kong. Lectures and readings on the silent era, melodrama, musical, minority film, adaptation, the fifth generation, ideology, sexuality, urban cinema, and women's cinema.

**EALC–E 350 Studies in East Asian Society (3 cr.)** S & H, CSA Selected issues and problems of importance to the understanding of East Asian society. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 351 Studies in East Asian Thought (3 cr.)** A & H, CSA Selected issues and problems of importance to the understanding of East Asian thought and religion. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 352 Studies in East Asian History (3 cr.)** S & H, CSA Selected issues and problems of importance to the understanding of East Asian history. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 354 Society and Education in Japan (3 cr.)** S & H, CSA Survey of social change in Japan, with a

focus on educational institutions, patterns of learning, educational thought, and the spread of literacy.

**EALC–E 356 Understanding Two Koreas: Politics, Society, and U. S. Policy (3 cr.)** S & H Exploration of the patterns and complexities of the relationship between two Koreas and the U.S., with a focus on the division of Korea, domestic politics of two Koreas, the changes and continuities of U. S. policies toward the Korean Peninsula, and post-Cold War developments including the North Korean nuclear crisis.

**EALC–E 371 Twentieth-Century Chinese Literature (3 cr.)** A & H, CSA Twentieth-century Chinese literature in translation, with readings from Liu E, Mao Dun, Lao She, and selected contemporary authors from China and Taiwan.

**EALC–E 372 Japanese Fiction and Culture (3 cr.)** A & H, CSA Exploration of modern Japanese fiction and various forms of culture. Topics will vary depending on the year the course is offered. Some examples are: literature and film; modernity and the self; women writers; history of popular literature and culture. May be repeated with a different topic for a maximum of 6 credit hours.

**EALC–E 374 Early Chinese Philosophy (3 cr.)** A & H, CSA Origins of Chinese philosophical traditions in the classical schools of Confucianism, Daoism, Mohism, and Legalism. Explores contrasting agendas of early Chinese and Western traditions. Credit given for only one of E374, PHIL-P 374, or REL-R 368.

**EALC–E 384 East Asian Nationalism and Cultural Identity (3 cr.)** S & H, CSA Exploration of the impact of the metaphor of nation and Western nationalism theory on Western literature dealing with modern East Asia. Emphasis on how Western notions of political identity shape and sometimes obscure our understanding of East Asian cultural and political identity.

**EALC–E 385 Asian Americans: Cultural Conflict and Identity (3 cr.)** S & H, CSA An examination of the historical, cultural, and racial dynamics underpinning the evolution of contemporary Asian American identity. Students learn not only about cultural theory and how cultural identities are constructed within America's multiethnic and multicultural society, but also about themselves.

**EALC–E 386 United States–East Asian Relations (3 cr.)** S & H, CSA We will examine the love-hate relationship between East Asia and the U.S. since 1945. Security, economic, and political ties between the U.S. and the individual East Asian countries, and with the region as a whole are considered. Particular attention is given to the diverse Asian perspectives of the relationship.

**EALC–E 390 Contemporary Chinese Politics (3 cr.)** S & H, CSA Analysis of trends and patterns in Chinese politics since 1949, with a focus on ideology and political culture, elites, party and government institutions, the policy-making process, popular political participation, and the relationship between economic and political change. Political evolution of Taiwan is also considered.

**EALC–E 392 Chinese Foreign Policy (3 cr.)** S & H, CSA Consideration of the various factors (such as world views, power, domestic politics, and international norms) that may shape China's policies toward different regions of the

world (the U.S. and East Asia) and toward international regimes (trade, arms controls, and human rights). Both historical and comparative perspectives are utilized.

**EALC-E 393 China's Political Economy (3 cr.) S & H, CSA** Examines key aspects of China's political economy: the obstacles and sources of economic development, the foundations for democratization, the distribution of political power, and the forces affecting national unity. Use of comparative and historical perspectives, with emphasis on the Reform era. Sources range from macro analyses to company case studies.

**EALC-E 394 Business and Public Policy in Japan (3 cr.) S & H, CSA** A study of the historical evolution and contemporary dynamics of Japanese business, with emphasis on the role of government policy in regulating and promoting business activity. Topics will include government, business, and postwar economic growth in Japan; labor-management relations; economic interests and political power; and U.S.–Japanese trade relations.

**EALC-E 395 Japan in World Trade and Politics (3 cr.) S & H, CSA** Examines Japan's foreign relations. After a brief historical survey, the course covers Japan's contemporary relations with the United States, China, Korea, Russia, and Southeast Asia. Topics include economic as well as military and political relations, which have undergone much change in recent years.

**EALC-E 473 History of Japanese Theatre and Drama (3 cr.) A & H, CSA** The social environment, textual content, stage conventions, artistic theories, and associated arts of traditional Japanese theatre and drama, viewed within the context of their historical development c. 1370–1870 and in the present day. Emphasis on Noh, bunraku, and kabuki; some attention to such performing arts as kyōgen and kōwaka.

### Special Courses

**EALC-C 496 Flagship Overseas Study in China (1–12 cr.) P:** At least junior standing and satisfactory completion of C457 and C467. Advanced language and culture study in an approved Language Flagship program in China. Arrangements for credit made in advance in consultation with the Chinese Flagship director and the director of undergraduate studies.

**EALC-C 498 Flagship Overseas Internship in China (3–12 cr.) P:** At least junior standing, satisfactory completion of C457 and C467, and project approval by the Chinese Flagship director and the director of undergraduate studies. Selected career-related work in a cooperating institution or business. Evaluation by faculty supervisor and employer. May be repeated for a maximum of 12 credit hours.

**EALC-E 495 Individual Readings (1–3 cr.)** Repeatable with permission of undergraduate advisor.

**EALC-E 496 Foreign Study (East Asian Exchange Programs) (arr. cr.) P:** Acceptance into an East Asian student exchange program. Report due at the end of each semester. Arrangements for credit made in advance in consultation with the East Asian Student Exchange Committee.

**EALC-E 497 Overseas Study Tour (3 cr.) P:** Permission of instructor. **A & H, CSA** For students who want to learn firsthand about the customs, culture, and language of an

East Asian country in a course which includes a structured tour setting. Students will meet and study throughout the semester, both before and after the tour, which is a mandatory part of the class.

**EALC-E 498 Internship in East Asian Languages and Cultures (1–3 cr.) P:** At least junior standing, 15 credits of department course work, and project approved by faculty supervisor. Selected career-related work in a cooperating institution or business. Evaluation by faculty supervisor and employer. Does not count toward major. May be repeated for a maximum of 6 credit hours.

**EALC-H 399 Reading for Honors (2–6 cr.; max of 15 cr.) P:** Approval of departmental honors advisor. Honors course. Readings for the superior students in preparation for work on a research project (H499). Number of credits and texts must be approved by instructor. I Sem., II Sem.

**EALC-H 499 Honors Thesis (3 cr.) P:** H399 and approval of the appropriate honors advisor of the department. Ordinarily taken under the supervision of the tutor who guided the student in H399. A specialized research project.

## East Asian Culture Courses by Subject Area

### History, Literature, and Culture

- EALC-C 421 Introduction to Chinese Linguistics **N & M**
- EALC-C 431 Readings in Modern Chinese Literature **A & H**
- EALC-C 451 Advanced Classical Chinese I
- EALC-C 452 Advanced Classical Chinese II
- EALC-E 300 Studies in East Asian Literature **A & H, CSA**
- EALC-E 301 Chinese Language and Culture **A & H, CSA**
- EALC-E 303 Korean Folk and Elite Cultures **A & H, CSA**
- EALC-E 305 Korean Language and Culture **S & H, CSA**
- EALC-E 321 Traditional Japanese Literature **A & H, CSA**
- EALC-E 322 Modern Japanese Literature **A & H, CSA**
- EALC-E 331 Traditional Chinese Literature **A & H, CSA**
- EALC-E 332 Chinese Literature since 1300 **A & H, CSA**
- EALC-E 333 Studies in Chinese Cinema **A & H, CSA**
- EALC-E 351 Studies in East Asian Thought **A & H, CSA**
- EALC-E 352 Studies in East Asian History **S & H, CSA**
- EALC-E 371 Twentieth-Century Chinese Literature **A & H, CSA**
- EALC-E 372 Japanese Fiction and Culture **A & H, CSA**
- EALC-E 374 Early Chinese Philosophy **A & H, CSA**
- EALC-E 384 East Asian Nationalism and Cultural Identity **S & H, CSA**



- EALC-E 385 Asian Americans: Cultural Conflict and Identity **S & H, CSA**
- EALC-E 473 History of Japanese Theatre and Drama **A & H, CSA**
- EALC-J 421 Introduction to Chinese Linguistics **N & M**
- EALC-J 431 Readings in Modern Japanese Literature **A & H**
- EALC-J 461-J 462 Literary Japanese I-II
- EALC-J 491 Humanities Topics in Japanese **A & H, CSA**
- EALC-J 492 Historical and Cultural Topics in Japanese **S & H, CSA**

#### Cross-Listed Courses

- ANTH-E 347 The Anthropology of Contemporary Japan **S & H, CSA**
- CMLT-C 365 Japanese-Western Literary Relations **A & H, CSA**
- CMLT-C 375 Imagining China, Translating China **A & H, CSA**
- FINA-A 360 Topics in East Asian Art **A & H, CSA**
- FINA-A 464 Art and Archaeology of Early China **S & H, CSA**
- FINA-A 466 Early Chinese Painting **S & H, CSA**
- FINA-A 467 Later Chinese Painting **S & H, CSA**
- FOLK-F 305 Asian Folklore/Folklife/Folk Music **A & H, CSA**
- HIST-G 357 Premodern Japan **S & H, CSA**
- HIST-G 358 Early Modern Japan **S & H, CSA**
- HIST-G 369 Modern Japan **S & H, CSA**
- HIST-G 372 Modern Korea **S & H, CSA**
- HIST-G 380 Early China **S & H, CSA**
- HIST-G 382 China: The Age of Glory **S & H, CSA**
- HIST-G 383 China: The Later Empires **S & H, CSA**
- HIST-G 385 Modern China **S & H, CSA**
- HIST-G 387 Contemporary China **S & H, CSA**
- REL-B 310 East Asian Buddhism **A & H, CSA**
- REL-B 360 Religions in Japan **A & H, CSA**
- REL-B 410 Topics in the Buddhist Tradition **A & H** (when on East Asian topic)
- REL-B 460 Topics in East Asian Religions **A & H, CSA**
- REL-B 440 Topics in Taoism and Chinese Religion **A & H, CSA**
- THTR-T 468 Non-Western Theater and Drama **A & H, CSA** (when on East Asian topic)

#### Politics, Social Science, and Business

- EALC-C 421 Introduction to Chinese Linguistics **N & M**
- EALC-E 302 Geographic Patterns in China **S & H, CSA**
- EALC-E 316 Computer-Enhanced Language Learning
- EALC-E 350 Studies in East Asian Society **S & H, CSA**
- EALC-E 354 Society and Education in Japan **S & H, CSA**
- EALC-E 384 East Asian Nationalism and Cultural Identity **S & H, CSA**
- EALC-E 385 Asian Americans: Cultural Conflict and Identity **S & H, CSA**

- EALC-E 386 United States–East Asian Relations **S & H, CSA**
- EALC-E 390 Contemporary Chinese Politics **S & H, CSA**
- EALC-E 392 Chinese Foreign Policy **S & H, CSA**
- EALC-E 393 China's Political Economy **S & H, CSA**
- EALC-E 394 Business and Public Policy in Japan **S & H, CSA**
- EALC-E 395 Japan in World Trade and Politics **S & H, CSA**
- EALC-J 421 Introduction to Japanese Linguistics **N & M**

#### Cross-Listed courses

- ANTH-E 347 The Anthropology of Contemporary Japan **S & H, CSA**
- HIST-G 357 Premodern Japan **S & H, CSA**
- HIST-G 358 Early Modern Japan **S & H, CSA**
- HIST-G 369 Modern Japan **S & H, CSA**
- HIST-G 372 Modern Korea **S & H, CSA**
- HIST-G 380 Early China **S & H, CSA**
- HIST-G 382 China: The Age of Glory **S & H, CSA**
- HIST-G 383 China: The Later Empires **S & H, CSA**
- HIST-G 385 Modern China **S & H, CSA**
- HIST-G 387 Contemporary China **S & H, CSA**
- POLS-Y 333 Chinese Politics **S & H, CSA**
- POLS-Y 334 Japanese Politics **S & H, CSA**

#### Special Courses Designated to Either Track Depending on Subject Matter

- EALC-E 495 Individual Readings
- EALC-E 498 Internship in East Asian Languages and Cultures
- EALC-H 399 Reading for Honors
- EALC-H 499 Honors Thesis

#### Other Courses That May Count Toward the Majors

- EALC-C 401-C 402 Fourth-Year Chinese I–II
- EALC-C 425 Teaching Chinese Language
- EALC-C 450 Chinese Writing and Rhetoric
- EALC-J 401-J 402 Fourth-Year Japanese I–II
- EALC-J 421 Introduction to Japanese Linguistics **N & M**
- EALC-J 425 Teaching Japanese Language
- EALC-J 441 Readings in Japanese Scholarly Materials **S & H**
- EALC-J 451 Readings in Japanese Newspapers and Journals
- EALC-K 401-K 402 Fourth-Year Korean I–II
- EALC-E 201 Issues in East Asian Literature **A & H, CSA**
- EALC-E 202 Issues in East Asian Traditions and Ideas **A & H, CSA**
- EALC-E 203 Issues in East Asian Cultural History **S & H, CSA**
- EALC-E 204 Issues in East Asian Society **S & H, CSA**
- EALC-E 231 Japan: The Living Tradition **A & H, CSA**
- EALC-E 232 China Past and Present: Culture in Continuing Revolution **A & H, CSA**
- EALC-E 233 Survey of Korean Civilization **A & H, CSA**

- EALC-E 251 Traditional East Asian Civilizations **S & H, CSA**
- EALC-E 252 Modern East Asian Civilization **S & H, CSA**
- EALC-E 270 Japanese Language and Society **A & H, CSA**
- EALC-E 271 Twentieth-Century Japanese Culture **A & H, CSA**
- EALC-E 497 Overseas Study Tour **A & H, CSA**
- CMLT-C 257 Asian Literature and Other Arts **A & H, CSA** (when on East Asian topics)
- CMLT-C 265 Introduction to East Asian Poetry **A & H, CSA**
- CMLT-C 266 Introduction to East Asian Fiction **A & H, CSA**
- CMLT-C 291 Studies in Non-Western Film **A & H, CSA** (when on East Asian topics)
- FINA-A 262 Introduction to Japanese Art and Cultures **S & H, CSA**
- HIST-H 208 American–East Asian Relations **S & H, CSA**
- REL-B 240 Introduction to Daoism **A & H, CSA**

## Economics

### Introduction

Economics is the study of how individuals and societies manage their scarce resources—people must decide how much they work, what they buy, how much they save, and how they use their leisure time. Most societies use decentralized markets as the primary means of allocating resources, so economics gives students insight into how markets function in coordinating the activities of many diverse buyers and sellers. Economics also analyzes the trends and forces that affect the economy as a whole, including growth in average income, the portion of the labor force that cannot find work, and the rate at which prices are rising or falling. A major in economics provides excellent preparation for graduate and professional school, including law school, and for rewarding careers in consulting, finance, and other private and public sector employment. The Department of Economics offers course work in a variety of topics including microeconomic theory, macroeconomic theory, financial economics, money and banking, public finance, labor economics, international economics, economic development, game theory, and econometrics.

Note: Throughout the listing of major requirements, minor requirements, and course prerequisites, any course may be replaced by the honors equivalent. Course prerequisites are strictly enforced. Students interested in preparing for graduate study in economics should take M211 or M213, rather than M119, and consult with the department's undergraduate advisor regarding additional recommended mathematics courses.

### Contact Information

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## Faculty

### Chairperson

- Gerhard Glomm

### Rudy Professor of Economics and Distinguished Professor

- Pravin Trivedi

### Wisniewsky Professor of Human Studies

- Joon Park

### Chancellor's Professor

- Roy Gardner

### Professors

- Michael Alexeev
- Robert Becker
- William Becker
- Edward Buffie
- Fwu-Ranq Chang
- Yoosoon Chang
- Gerhard Glomm
- Michael Kaganovich
- Eric Leeper
- Frank Page
- James Walker
- Arlington Williams

### Associate Professor

- Elyce Rotella

### Assistant Professors

- Rubiana Chamabagwala
- Juan Carlos Escanciano
- Bulent Guler
- Kim Huynh
- David Jacho-Chavez
- Yoon-Jin Lee
- Ricardo Lopez
- Todd Walker

### Clinical Assistant Professor

- Mary Beth Camp

### Senior Lecturer

- James Self

### Lecturers

- Peter Olson
- Paul Graf

### Academic Advising

- Sue Medland, Wylie Hall 105, (812) 855-7809

## Major in Economics

### Purpose

The core of the economics major focuses on providing an understanding of how microeconomic theory, macroeconomic theory, statistics, and mathematical modeling can be used to analyze and guide the decisions of business firms, consumers, and public-policy makers in a variety of market settings. Elective courses add breadth and depth to students' understanding of the basic tools of economic analysis by focusing on their application within specific subfields.

### Required Courses

1. Mathematics: M118 and either M119 or M211
2. Statistics: E370
3. Introductory economics: E201 and E202
4. Intermediate economic theory: E321 and E322
5. At least three additional economics courses numbered above E322. At least two of these courses must be taken in residence on the Bloomington campus. E370, E496, and Y398 cannot be used to meet this requirement.
6. A total of at least 27 credit hours of economics. E496, Y398, and E175 cannot be included in this total.

## Interdepartmental Major in Economics and Mathematics

### Required Courses

The interdepartmental major in economics and mathematics is designed to enable students to model economic questions mathematically, and to analyze and solve those models.

Students must meet the following course requirements. Any course may be replaced by the honors equivalent.

1. Economics: E201, E202, E321, E322 and at least three additional economics courses numbered above E322, including at least one at the 400 level. E370, E496, and Y398 cannot be used to meet this requirement.
2. Mathematics: M211-M212 or M213, M301 or M303, M311 and at least two courses, including one at the 400 level, from one of the following mathematics areas: analysis (M312, M413, M414, M415, M420); differential equations (M343, M344, M441, M442); applied mathematics (M371, M447, M448, M451, M471, M472); or probability and statistics (M366\*, M463, M464, M466).
3. Statistics: the sequence Mathematics M360-M366, or Economics E370, or Mathematics M365.

**\*Note:** M366 has a prerequisite of M360; see requirement 3 below. For students who qualify for honors, Mathematics S499 may replace the second course in a mathematical area with approval of the Department of Mathematics. The interdepartmental major in economics and mathematics is designed to enable students to model economic questions mathematically, and to analyze and solve those models.

### Special Considerations

1. No more than 3 credit hours of Honors Thesis (Economics E499 or Mathematics S499) may be counted toward the major.

2. It is recommended that students planning to pursue a Ph.D. in economics consult with the Department of Economics concerning classes in the areas of analysis, econometrics, and statistics.
3. It is recommended that students in actuarial studies take Mathematics M360, M366, M371, M463, M464, and one course from M466 or Economics E471. It is recommended that these students also consult with the Department of Economics concerning relevant seminar courses. Students should consult the actuarial studies section of the Department of Mathematics entry in this Bulletin.

## Minor in Economics

### Required Courses

Students must meet the following course requirements for a total of 18 credit hours.

1. Mathematics: M119 or M211
2. Introductory economics: E201 and E202
3. Intermediate economic theory: E321
4. At least one additional economics course numbered above E321, excluding E370.
5. A total of at least 15 credit hours of economics, of which at least 9 credit hours must be taken in residence on the Bloomington campus. E496, Y398, and E175 cannot be included in this total.

## Interdepartmental Major in Economics and Political Science

### Purpose

The interdepartmental major in economics and political science explores important issues arising in both the public and private sectors and provides students with the basic theoretical tools necessary to investigate these issues.

**Note:** Any economics course may be replaced by the honors equivalent.

### Required Courses

Students must meet the following course requirements for a total of 42 credit hours in Political Science and Economics:

1. Mathematics requirements: Finite Mathematics M118 and Calculus M119 or M211 (These courses do not count toward the 42 credit hours required for the major.)
2. Economics E201, E202, E321, and at least three additional economics courses. Two of these three courses must be numbered above E321. The following courses cannot be used to meet this requirement: E175, E370, E496, Y398.

At least 18 credit hours in political science to include the following:

1. One course chosen from Political Science Y204, Y205, Y210, Y303, Y394, or Y405
2. Another 15 credit hours in political science chosen from Y200, Y202, Y204, Y205, Y210, Y301–Y308, Y326, Y343, Y346, Y349, Y350, Y376, Y394, Y401, Y405, Y481, Y490, or Y499. (Y200 or Y401 may be repeated once for credit, for a maximum of 9 credit

hours possible for these two courses. No other courses may be repeated for credit.)

3. Statistics requirement: ECON E370 or POLS Y395

### Special Considerations

1. Students meeting requirements 1–3 above with a total of 39 credit hours will be allowed to use 3 credit hours toward the major from preapproved sections of COLL E104 (Topics) courses. A list of preapproved sections of COLL E104 (Topics) is available each semester in the Departments of Economics and Political Science.
2. No more than 6 credit hours of honors thesis credit (3 credit hours from Economics E499, and 3 credit hours from Political Science Y499) may be counted toward the major.
3. A maximum of 3 credit hours of Political Science Y484 (for teaching interns only) may be counted toward the major.

Students must also complete the degree requirements in the College of Arts and Sciences.

## Interdepartmental Minor in Economics and Political Science

### Purpose

The interdepartmental minor in political science and economics introduces students to important issues in both the public and private sectors.

### Required Courses

Students must meet the following course requirements for a total of 18 credit hours.

1. Economics E201, E202, and one additional economics course (E175, E370, E496, and Y398 cannot be used to meet this requirement.)
2. One course chosen from Political Science Y204, Y205, Y210, Y303, Y394, or Y405
3. Another 6 credit hours in political science in courses not used in numbers 1 or 2 above chosen from Y200, Y202, Y204, Y205, Y210, Y301–Y308, Y326, Y343, Y346, Y349, Y350, Y376, Y394, Y401, Y405, Y481, Y490, or Y499. (Y200 or Y401 may be repeated for credit for a maximum of 9 credit hours total of those two courses. No other courses may be repeated for credit.)

**Note:** This minor is not available to students choosing a major in economics or political science. The interdepartmental minor in Political Science and Economics is also not available to students choosing a minor in political science or a minor in economics.

## Honors Program in Economics

Requirements for a B.A. with honors in economics are:

1. A GPA of 3.500 or higher in economics courses and an overall GPA of 3.300 upon graduation.
2. At least 6 credits in economics courses numbered E390 through E490.
3. Completion of 3 credits of E499 Honors Thesis with a grade of B or higher. Honors thesis research topics must be approved by an economics faculty mentor and the director of undergraduate studies. The thesis topic should be approved prior to the beginning of the semester in which E499 enrollment occurs. Contact the undergraduate advisor in economics for an E499 enrollment-request form.

## Course Descriptions

### ECON-E 175 Economics for Educators (3 cr.)

Designed for students preparing to be teachers. Covers basic concepts and analytical techniques in both microeconomics and macroeconomics. Emphasis is placed on active learning exercises, discussion and analysis of current events, group problem solving and other instructional techniques useful in primary and secondary education. Does not count toward a major or minor in economics.

### ECON-E 201 Introduction to Microeconomics (3 cr.)

**S & H** Scarcity, opportunity cost, competitive and non-competitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as poverty, pollution, excise taxes, rent controls, and farm subsidies. I Sem., II Sem., SS.

### ECON-E 202 Introduction to Macroeconomics (3 cr.)

P: E201. **S & H** Measuring and explaining aggregate economic performance, money, monetary policy, and fiscal policy as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as inflation, unemployment, and economic growth. I Sem., II Sem., SS.

### ECON-S 201 Introduction to Microeconomics: Honors (3 cr.)

Honors course. **S & H** Designed for students of superior ability. Covers same core materials as E201 and substitutes for E201 as a prerequisite for other courses. I Sem.

### ECON-S 202 Introduction to Macroeconomics (3 cr.)

P: S201 or E201. Honors course. **S & H** Designed for students of superior ability. Covers same core material as E202 and substitutes for E202 as a prerequisite for other courses. II Sem.

### ECON-E 303 Survey of International Economics (3 cr.)

P: E201 and E202. **S & H** Basis for and effects of international trade, commercial policy and effects of trade restrictions, balance of payments and exchange rate adjustment, international monetary systems, and fixed versus flexible exchange rates. Not recommended for economics majors. Only 6 credit hours from E303, E331, and E332 may be counted toward a major in economics.

### ECON-E 304 Survey of Labor Economics (3 cr.)

P: E201 and E202. **S & H** Economic problems of the wage earner in modern society; structure, policies, and problems

of labor organizations; employer and governmental labor relations.

**ECON-E 305 Money and Banking (3 cr.)** P: E201 and E202. **S & H** Monetary and banking system of the U.S. The supply and control of money. The impact of money on the U.S. economy. Topics in the application of Federal Reserve monetary policy. Analytical treatment of the Federal Reserve system and the commercial banking industry.

**ECON-E 308 Survey of Public Finance (3 cr.)** P: E201 and E202. **S & H** Major elements of taxation and public expenditures. Not recommended for economics majors. Only 6 credit hours from E308, E361, and E362 may be counted toward a major in economics.

**ECON-E 309 Topics in Economics (3 cr.)** P: E201 and E202. **S & H** Study of a topic area in economics. Topics will vary. Intended primarily for non-majors wanting exposure to economics beyond the introductory level. May be repeated with different topics for a maximum of 9 credit hours. Only 3 credit hours may count toward the major or minor in economics.

**ECON-E 321 Intermediate Microeconomic Theory (3 cr.)** P: E201 and MATH-M 119 or M211. **S & H** The economics of consumer choice. The economics of production, cost minimization, and profit maximization for business firms in the short run and long run under various market structures. Competition and adjustment to market equilibrium. Introduction to game theory, strategic interaction, and noncooperative equilibria. Credit given for only one of E321 or S321.

**ECON-S 321 Intermediate Microeconomic Theory: Honors (3 cr.)** P: E201 and MATH M119 or M211. Honors course. **S & H** Designed for students of superior ability. Covers same core material as E321 and substitutes for E321 as a prerequisite for other courses. Credit given for only one of E321 or S321.

**ECON-E 322 Intermediate Microeconomic Theory (3 cr.)** P: E202 and E321. **S & H** National income accounting; theory of income, employment, and price level. Countercyclical and other public policy measures.

**ECON-S 322 Intermediate Macroeconomic Theory: Honors (3 cr.)** P: E202 and E321. Honors course. **S & H** Designed for students of superior ability. Covers same core material as E322 and substitutes for E322 as a prerequisite for other courses. Credit given for only one of S322 or E322.

**ECON-E 327 Game Theory (3 cr.)** P: E321. **S & H** Mathematical analysis of strategic interaction. Noncooperative games played once or repeatedly, with perfect or imperfect information. Necessary condition for a solution (equilibrium) as well as sufficient conditions (refinements). Cooperative games, such as bargaining and market games. Numerous applications, including experimental games.

**ECON-E 331 International Trade (3 cr.)** P: E321. Theories of trade pattern, positive and normative aspects of trade and trade-related policies in competitive and non-competitive markets; effects of trade liberalization and economic integration; trade policies by developed and developing nations; international factor movements.

Only 6 credit hours from E303, E331, and E332 may be counted toward a major in economics.

**ECON-E 332 International Monetary Economics (3 cr.)** P: E322. Theory of exchange rate and balance of payments adjustment, macroeconomic policy in open economies, history and comparison of international monetary systems, and proposals for reform. Credit given for only one of E332 and E433. Only 6 credit hours from E303, E331, and E332 may be counted toward a major in economics.

**ECON-E 337 Economic Development (3 cr.)** P: E321. Characteristics of economically underdeveloped countries. Obstacles to sustained growth; planning and other policies for stimulating growth; examination of development problems and experience in particular countries.

**ECON-E 341 Economics of Labor Market (3 cr.)** P: E321. R: E370. Analysis of the functioning of labor markets with theoretical, empirical, and policy applications in determination of employment and wages in the U.S. economy.

**ECON-E 344 Health Economics (3 cr.)** P: E321. R: E370 or equivalent is strongly recommended. Systematic introduction to health economics and economics of health care, emphasis on basic economic concepts such as supply and demand, production of health, information economics, choice under uncertainty, health insurance markets, Medicare and Medicaid, managed care, government intervention and regulation. Survey course with some topics in some depth.

**ECON-E 347 Women and the Economy (3 cr.)** P: E321. Description and analysis of the position of women in the U.S. economy. Emphasis is placed on using microeconomic theories to explain women's labor force behavior; sex differentials in earnings and occupations; discrimination; economic issues related to marriage, divorce, fertility, and mortality; institutional and governmental policies that affect women's economic behavior.

**ECON-E 351 Law and Economics (3 cr.)** P: E321. Devoted to economic analysis of law, focusing on the economic efficiency of common law. Main components of the course are property law, contracts, and torts; some aspects of criminal law are also covered. Discussion is based mostly on examples, both invented and taken from actual cases.

**ECON-E 359 Economic History of the United States (3 cr.)** P: E321. **S & H** Economic development and institutional change in the U.S. from colonial times to the present. Timing, pace, and sources of economic growth; structural change; economic activity; industrialization; government intervention; and income distribution.

**ECON-E 361 Public Finance: Government Spending (3 cr.)** P: E321. Theory of public goods and externalities. Cost-benefit analysis. Public choice theory. Analysis of specific expenditure, transfer, and regulatory programs. Only 6 credit hours from E308, E361, and E362 may be counted toward a major in economics.

**ECON-E 362 Public Finance: Taxation (3 cr.)** P: E321. U.S. tax structure, income redistribution effects, and efficiency in resource allocation. Use of welfare theory and microeconomic models to evaluate particular issues.

Only 6 credit hours from E308, E361, and E362 may be counted toward a major in economics.

**ECON-E 364 Environment and Resource Economics (3 cr.)** P: E321. **S & H** Basic theory of common property resources applied to environment and resource conservation problems. Topics include economic efficiency, equity, measurement problems, and policy formulation.

**ECON-E 370 Statistical Analysis for Business and Economics (3 cr.)** P: E201 and MATH M118 or similar course emphasizing probability concepts. R: MATH M119 and E202. **N & M** Lectures emphasize the use of basic probability concepts and statistical theory in the estimation and testing of single parameter and multivariate relationships. In computer labs, using Microsoft Excel, each student calculates descriptive statistics, probabilities, and least squares regression coefficients in situations based on current business and economic events. Credit given for only one of E370 or S370, ANTH A306, CJUS K300, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC S371, STAT K310 or S300, or SPEA K300. I Sem., II Sem., SS.

**ECON-S 370 Statistical Analysis for Business and Economics: Honors (3 cr.)** P: E201 and MATH-M 118 or similar course emphasizing probability concepts. R: MATH-M 119 and E202. Honors course. **N & M** Lectures emphasize the use of basic probability concepts and statistical theory in the estimation and testing of single parameter and multivariate relationships. In computer labs, using Microsoft Excel, each student calculates descriptive statistics, probabilities, and least squares regression coefficients in situations based on current business and economic events. Credit given for only one of S370 or E370, ANTH A306, CJUS K300, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC S371, STAT K310 or S300, or SPEA K300. I Sem., II Sem., SS.

**ECON-E 382 The Digital Economy (3 cr.)** P: E321. Studies the economics of information goods. Topics include macroeconomic productivity and the information revolution, pricing information goods, lock-in and switching costs, bundling information goods, network externalities, strategy and the internet, digital auction markets, public policy issues, and current topics in the information economy.

**ECON-E 385 Economics of Industry (3 cr.)** P: E321. Empirical analysis of market structure and behavior. Location, technology, economies of scale, vertical integration, conglomerates, barriers to entry, and competitive practices. Economic assessment of product performance and environmental impact.

**ECON-E 386 Soviet-Type Economies in Transition (3 cr.)** P: E321. Economic institutions, resource allocation mechanisms, incentives and decision-making in a Soviet-type economy; economics of transition to a market-oriented system. Particular attention is paid to price liberalization, development of the financial system, privatization of state-owned assets, opening to the world economy, and the role of private sector. Credit given for only one of E386 or E497.

**ECON-E 390 Undergraduate Seminar in Economics (3 cr.)** P: E321. Additional prerequisites may be required depending on the seminar topic. Intensive study of a topic

area in economics. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**ECON-E 391 Independent Research in Economics (1-3 cr.)** P: E321, E322, E370; undergraduate economics major; minimum GPA in economics courses of 3.000. Additional prerequisites may be required by the faculty mentor. Independent readings and research by special arrangement with an economics faculty mentor and the director of undergraduate studies. A research paper or other substantial writing assignments are usually required. A maximum of 3 credit hours in E391 may count toward the major in economics.

**ECON-E 425 Financial Economics (3 cr.)** P: E321. R: E370 strongly recommended but not required. Modern financial markets; theories and empirical evidence. Present value, modern portfolio theory, risk and return, the capital asset pricing model, arbitrage pricing theory, the efficient markets hypothesis, bubbles, noise and market anomalies, options and derivative securities, and the economic function of derivatives.

**ECON-E 427 Seminar in Experimental Economics (3 cr.)** P: E321 and E370 or consent of instructor. R: E327. Focuses on the use of laboratory experimental methods in applied microeconomics. Specific application areas will include the analysis of resource allocation mechanisms for both private and public goods and individual choice under uncertainty using both human and nonhuman subjects.

**ECON-E 471 Econometric Theory and Practice I (3 cr.)** P: E370 and either MATH-M 119 or M211 or consent of instructor. Emphasis is on the probability and statistical theory underpinning the classical linear regression model. Special topics include finite and asymptotic properties of point and interval estimation, hypothesis testing and model building. Several software packages are used in computer lab applications.

**ECON-E 472 Econometric Theory and Practice II (3 cr.)** P: E471. Emphasis is on the matrix formulation and computer estimation methods for single and multiple equation models using economic and business data. Attention is given to the assumptions required for testing sets of coefficients and model structures. Special topics include heteroscedasticity, multicollinearity, errors in variables, simultaneity, time-series analysis, limited dependent variables, sample selection, and alternatives to least-squares estimation.

**ECON-E 490 Advanced Undergraduate Seminar in Economics (3 cr.)** P: E321. Additional prerequisites may be required depending on the seminar topic. Advanced intensive study of a topic area in economics. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**ECON-E 496 Foreign Study in Economics (3-8 cr.)** P: Consent of chairperson. **S & H** Course involves planning of research project during year preceding summer abroad. Time spent in research abroad must amount to at least one week for each credit hour granted. Research must be presented by end of semester following foreign study. Does not count toward a major or minor in economics. May be taken once only.

**ECON–E 499 Honors Thesis (3 cr.)** P: E321, E322, and E370; undergraduate economics major; minimum 3.300 GPA in economics courses. Additional prerequisites may be required by the faculty mentor. Honors course. Honors thesis research by special arrangement with an economics faculty mentor and the director of undergraduate studies. A maximum of 3 credit hours in E499 may count toward the major in economics.

**ECON–Y 398 Internship in Economics (1–3 cr.)** P: Departmental approval required. Supervised work experience in an academic or business environment, including as a teaching assistant for undergraduate classes. Performance evaluation by a faculty mentor. May be repeated for a maximum of 3 credit hours. Does not count toward a major or minor in economics.

## English

### Introduction

The Department of English (ENG) offers courses in all periods of English and American literary history, in major authors, in writing, language, film, poetry, fiction, and drama, and in relationships between literature and such other disciplines as psychology, philosophy, and history. Courses are also offered in the areas of women and literature, Jewish literature, Native American literature, and world literary cultures in English.

### Contact Information

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## Faculty

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### Associate Chairperson

- Kathy O. Smith

### Chancellor's Professors

- Judith H. Anderson
- Anthony Ardizzone
- Robert Fulk

### Culbertson Chair

- John Schilb

### Tarkington Chair

- George Hutchinson

### Professors

- Catherine Bowman
- Linda Charnes
- Jonathan Elmer
- Christine R. Farris
- Mary Favret
- Ray Hedin
- Christoph Irmscher

- Karma Lochrie
- Alyce Miller
- Andrew H. Miller
- Richard Nash
- Alvin H. Rosenfeld
- Maura Stanton
- Stephen M. Watt
- Oscar Kenshur (Comparative Literature)
- John A. McCluskey Jr. (African American and African Diaspora Studies)
- Dror Wahrman (History)

### Associate Professors

- Michael Adams
- Dana Anderson
- Purnima Bose
- Judith Brown
- Richard Cecil
- Edward Comentale
- Jennifer Fleissner
- Paul Gutjahr
- Scott Herring
- Patricia Ingham
- Joshua Kates
- DeWitt Douglas Kilgore
- Ivan Kreilkamp
- Joan Pong Linton
- Maurice Manning
- Joss Marsh
- Ranu Samantrai
- Kathy O. Smith
- Samrat Upadhyay
- Shane Vogel
- Nicholas Williams
- Barbara Klinger (Communication and Culture)
- Laura Kriegel (History)
- Herbert Marks (Comparative Literature)

### Assistant Professors

- Penelope Anderson
- Denise Cruz
- Ross Gay
- Shannon Gayk
- Tarez Graban
- Rae Greiner
- Ellen MacKay
- Jesse Molesworth
- Marion Frank-Wilson (Wells Library)
- John A. Walsh (Wells Library)

### Director, Graduate Studies

- Patricia Ingham, Ballantine 442, (812) 855-1543

### Director, Undergraduate Studies

- Michael Adams, Ballantine 442, (812) 855-9532

### Director, English Honors Program

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### Director, Composition

- Christine R. Farris, Ballantine Hall 447, (812) 855-1430

**Director, Basic Writing and Special Programs**

- Kathy O. Smith, Ballantine Hall 404, (812) 855-1430

**Director, Creative Writing**

- Samrat Upadhyay, Ballantine Hall 466, (812) 855-7967

**Coordinator, Creative Writing Pedagogy**

- Romaine Rubinas Dorsey, Ballantine 460, (812) 855-4038

**Academic Advising**

- Mary Kay Rothert
- Matthew Colglazier

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**Major in English****Required Courses**

Students must complete 30 credit hours in English above the 100 level, including:

1. ENG L202 and L371
2. At least one approved 300-level course appropriate to each of four periods in the history of literatures in English: beginnings through the sixteenth century; sixteenth through eighteenth centuries; the nineteenth century; and 1900 to the present.

**Note:** The following courses are not approved for inclusion in the major or minor: W202, W205, and courses completed through Independent Studies. Students may substitute 3 credit hours from the related courses listed at the end of this section.

Students must also complete the degree requirements of the College of Arts and Sciences.

**Recommendations**

The department recommends that majors considering graduate work in English take elective courses in a variety of periods of English and American literature. Especially recommended are courses in Chaucer (L305); Shakespeare (L313-L314); Milton (L318); the major figures of nineteenth-century American literature (L351-L352); and 400-level senior seminars. Students interested in pursuing an M.F.A. in Creative Writing should consider completing the major's concentration in creative writing. For advice in planning a course of study, students should consult their departmental advisor and the department's Web site <http://www.indiana.edu/~engweb/englishMajor/index.shtml>. Each semester, the department publishes detailed descriptions of courses to be offered the following semester.

**Foreign Language Recommendations**

Students who expect to do graduate work in English are advised to take substantial work in two foreign languages. Graduate schools commonly require French, German, or Latin.

**Interdepartmental Major in English and African American and African Diaspora Studies****Requirements**

Students must meet the following course requirements for a minimum total of 40 credit hours.

**English**

At least 18 credit hours at the 200 level or above, of which at least 12 credit hours must be at the 300 level or above, including:

1. L202 Literary Interpretation.
2. L371 critical Practices.
3. One 300-level course appropriate to each of four periods in the history of literatures in English—beginnings through the sixteenth century; sixteenth through eighteenth century; the nineteenth century; 1900 to the present.

**African American and African Diaspora Studies**

At least 18 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

1. A150 Survey of the Culture of Black Americans.
2. A355 African American History I or A356 African American History II.
3. A379 Early Black American Writing or A380 Contemporary Black American Writing.
4. Three courses from the following:
  - A249 African American Autobiography
  - A384 Blacks in American Drama and Theatre 1945–Present
  - A479 Contemporary Black Poetry
  - A480 The Black Novel
  - A493 Senior Seminar in African American Studies

**Minor in English****Required Courses**

15 credit hours in English above the 100 level, including:

1. L202 Literary Interpretation.
2. Departmentally approved courses representing two of the following periods in the history of literatures in English—beginnings through the sixteenth century; sixteenth through eighteenth centuries; the nineteenth century; 1900 to the present.
3. Two 200- to 400-level electives, at least one of them at the 300 level or above.
4. At least 9 credit hours of these courses must be taken on the Bloomington campus.

**Note:** The following courses are not approved for inclusion in the minor: W202, W205, and courses completed through Independent Studies.

**Minor in Creative Writing****Required Courses**

15 credit hours in English above the 100 level, including

1. 12 credit hours selected from L202, W203, W301, W303, W311, W401, W403.
2. W381 or W383.
3. A minimum of 6 credit hours must be taken at the 300–400 level.
4. At least 9 credit hours of the minor must be taken on the Bloomington campus.



**Note:** The following courses are not approved for inclusion in the minor: W202, W205, and courses completed through Independent Studies.

A student may complete both the English minor and the minor in creative writing as long as different courses are chosen to complete each minor. Students majoring in English are not eligible for the creative writing minor.

## Departmental Honors Program

Outstanding students are eligible for admission to the English honors program at the end of their junior year. The program consists of independent reading, research, and writing with tutorial instruction. During the senior year, students follow individual programs of study culminating in an honors thesis (L499) and participate in an honors colloquium.

Interested students should consult the department's director of honors.

## Major in English with a Concentration in Creative Writing

### Requirements

Students must complete 30 credit hours in English above the 100 level, including:

1. ENG L202 and L371
2. At least one approved 300-level course appropriate to each of four periods in the history of literatures in English: beginnings through the sixteenth century; sixteenth through eighteenth centuries; the nineteenth century; and 1900 to the present.
3. 12 additional credit hours, of which at least 6 credit hours must be at the 300 level or above, chosen from courses on the following list (Note: At least one of the courses must be either W381 or W383.): W203, W301, W303, W311, W381, W383, W401, W403.

Students must also complete the degree requirements of the College of Arts and Sciences.

**Note:** The following courses are not approved for inclusion in the major or minor: W202, W205, and courses completed through Independent Studies.

### Recommendations

The department recommends that majors considering graduate work in English take elective courses in a variety of periods of English and American literature. Especially recommended are courses in Chaucer (L305); Shakespeare (L313-L314); Milton (L318); the major figures of nineteenth-century American literature (L351-L352); and 400-level senior seminars. Students interested in pursuing an M.F.A. in Creative Writing should consider completing the major's concentration in creative writing. For advice in planning a course of study, students should consult their departmental advisor and the department's Web site <http://www.indiana.edu/~engweb/englishMajor/creativeWriting.shtml>. Each semester, the department publishes detailed descriptions of courses to be offered the following semester.

### Foreign Language Recommendations

Students who expect to do graduate work in English are advised to take substantial work in two foreign languages.

Graduate schools commonly require French, German, or Latin.

## Major in English with a Concentration in Public and Professional Writing

### Requirements

Students must complete 30 credit hours in English above the 100 level, including:

1. ENG L202 and L371.
2. At least one approved 300-level course appropriate to each of four periods in the history of literatures in English: beginnings through the sixteenth century; sixteenth through eighteenth centuries; the nineteenth century; and 1900 to the present.
3. ENG W231 and W350.
4. 6 additional credit hours of course work chosen from ENG L240, W240, W270, W280, W321, G205, G302, and L498 (with approval, up to 3 credit hours of L498 internship in editing may be applied to the major).

Students must also complete the degree requirements of the College of Arts and Sciences.

**Note:** The following courses are not approved for inclusion in the major or minor: W202, W205, and courses completed through Independent Studies.

### Recommendations

The department recommends that majors considering graduate work in English take elective courses in a variety of periods of English and American literature. Especially recommended are courses in Chaucer (L305); Shakespeare (L313-L314); Milton (L318); the major figures of nineteenth-century American literature (L351-L352); and 400-level senior seminars. Students interested in pursuing an M.F.A. in Creative Writing should consider completing the major's concentration in creative writing. For advice in planning a course of study, students should consult their departmental advisor and the department's Web site <http://www.indiana.edu/~engweb/englishMajor/publicWriting.shtml>. Each semester, the department publishes detailed descriptions of courses to be offered the following semester.

### Foreign Language Recommendations

Students who expect to do graduate work in English are advised to take substantial work in two foreign languages. Graduate schools commonly require French, German, or Latin.

## Course Descriptions

### Composition

Students who earn credit in W131, W143, or W170 may not receive or retain Indiana University special credit in composition.

#### ENG–J 101 Introduction to College Composition (2 cr.)

P: Consent of department. For Groups students only. An introduction to the writing process. J101 can lead directly to freshman-level writing courses or, at discretion of instructor, to J102.

#### ENG–J 102 Introduction to College Composition (3 cr.)

P: Consent of department. For Groups students only. A

further introduction to the writing process; continuation of J101.

**ENG–W 101 Critical Literacy (2 cr.)** Offers instruction and practice in the kinds of critical reading strategies students will be expected to practice in college, with an emphasis on the connection between academic reading and writing skills.

**ENG–X 101 Pre-Composition (3 cr.)** An introduction to the writing process.

**ENG–W 130 Principles of Composition (3 cr.)** For students who need a semester of writing instruction before taking W131. Practice in writing papers for a variety of purposes and audiences. Attention to sentence and paragraph structure. No credit toward any degree on the IU Bloomington campus. W130 is not an in-class course on the Bloomington campus, but is available for transfer credit only.

**ENG–W 131 Elementary Composition (3 cr.)** Offers instruction and practice in the reading, writing, and critical thinking skills required in college. Emphasis is on written assignments that require synthesis, analysis, and argument based on sources.

**ENG–W 143 Interdisciplinary Study of Expository Writing (1 cr.)** The study of writing in conjunction with a discipline outside English language and literature. Credit for this course will be available to students who enroll in special sections of non-English introductory courses that include a writing component. May be repeated once for credit.

**ENG–W 170 Projects in Reading and Writing (3 cr.)** An alternative to W131, this freshman composition course offers a challenging sequence of projects in reading and writing. Topics and approaches vary by section; the focus, however, is on projects that encourage sustained inquiry into complex problems or significant issues. Credit given for only one of W170 or W131.

**ENG–W 202 English Grammar Review (1 cr.)** This 1 credit, eight-week course provides a basic understanding of grammatical terms and principles sufficient to enable students to edit their own prose with confidence. Despite the course title, no prior knowledge of grammar assumed or required. No authorization is required for this course. Does not count in the major or minor.

**ENG–W 231 Professional Writing Skills (3 cr.)**  
P: Completion of the English composition requirement. Designed to develop research and writing skills requisite for most academic and professional activities. Emphasis on methods of research, organization, and writing techniques useful in preparing reviews, critical bibliographies, research and technical reports, proposals, and papers.

**ENG–W 240 Community Service Writing (3 cr.)**  
P: Completion of the English composition requirement. Integrates service with learning to develop research and writing skills requisite for most academic and professional activities. Students volunteer at a community service agency, write an assignment for public use by the agency, and perform course work culminating in a research paper on a related social issue.

**ENG–W 270 Argumentative Writing (3 cr.)**  
P: Completion of the English composition requirement. Offers instruction and practice in writing argumentative essays about complicated and controversial issues. Focuses on strategies for identifying issues, assessing claims, locating evidence, deciding on a position, and writing papers with clear assertions and convincing arguments.

**ENG–W 280 Literary Editing and Publishing (3 cr.)**  
P: Completion of the English composition requirement. Principles of editing and publishing literary writing. Kinds of journals, varieties of formats (including print and e-zine), introduction to editing and production processes. Possible focus on genre publishing (fiction, poetry, non-fiction prose), grant writing, Web publishing, etc. May not be repeated for credit.

**ENG–W 321 Advanced Technical Writing (3 cr.)**  
P: W231 or permission of the instructor. Offers instruction in preparing technical proposals and reports, with an introduction to the use of graphics.

**ENG–W 350 Advanced Expository Writing (3 cr.)**  
P: Completion of the English composition requirement. Advanced writing course focuses on the interconnected activities of writing and reading, especially the kinds of responding, analyzing, and evaluating that characterize work in many fields in the university. Topics vary from semester to semester.

### Creative Writing

**ENG–W 103 Introductory Creative Writing (3 cr.)**  
**A & H** Introduction to the art of creative writing. Short assignments, independent work, and classroom discussion of the fundamentals of writing fiction, poetry, and drama. Does not satisfy English composition requirement.

**ENG–W 203 Creative Writing (3 cr.)** P: English major or W103 or permission of the director, Creative Writing Program. Exploratory course in the writing of poetry and/or fiction. May be repeated with a different topic for a maximum of 6 credit hours. Does not satisfy the English composition requirement.

**ENG–W 301 Writing Fiction (3 cr.)** P: Submission of acceptable manuscript to instructor in advance of registration. R: W103 or W203. May be repeated once for credit.

**ENG–W 303 Writing Poetry (3 cr.)** P: Submission of acceptable manuscript to instructor in advance of registration. R: W103 or W203. May be repeated once for credit.

**ENG–W 311 Writing Creative Nonfiction (3 cr.)**  
P: Submission of acceptable manuscript to instructor in advance of registration. R: W103 or W203. Writing workshop in such modes as personal essay, autobiography, and documentary. May be repeated once for credit.

**ENG–W 381 The Craft of Fiction (3 cr.)** P: W203 or W301 or W311 or permission of the instructor. Designed primarily for the creative writing student: the study and practice of the techniques used in the writing of fiction, including point of view, narrative distance, plot, characterization, setting, and tone.

**ENG–W 383 The Craft of Poetry (3 cr.)** P: W203, W303, or permission of the instructor. Designed primarily for the creative writing student. The study and practice of the techniques used in the writing of poetry, including meter and other rhythmic structures more commonly relied on in nonmetrical or free verse, such as rhyme, alliteration, and stanza structures.

**ENG–W 401 Advanced Fiction Writing (3 cr.)**

P: Submission of acceptable manuscript to instructor in advance of registration. R: W301. May be repeated once for credit.

**ENG–W 403 Advanced Poetry Writing (3 cr.)**

P: Submission of acceptable manuscript to instructor in advance of registration. R: W303. May be repeated once for credit.

**ENG–W 410 Indiana Writing Workshop (2 cr.)**

P: Acceptance to the Indiana Writers' Conference. Intensive training in various forms of writing. May be counted as part of the major. May be repeated once for credit.

**English Language**

**ENG–G 205 Introduction to the English Language (3 cr.)** Acquaints students with contemporary studies of the nature of language in general and of the English language in particular. I Sem.

**ENG–G 302 Structure of Modern English (3 cr.)**

Focuses on linguistic analysis of present-day spoken and written English, with attention to its phonemic, morphemic, and syntactical systems and its system of expressive features. II Sem.

**ENG–G 405 Studies in English Language (3 cr.)** Topics vary from semester to semester.

**Literature**

**ENG–E 301 Literatures in English to 1600 (3 cr.) A & H** The historical study of literature in English for the period 450 to 1600.

**ENG–E 302 Literatures in English, 1600–1800 (3 cr.) A & H** Representative study of British and American literature of the sixteenth through the eighteenth centuries in the context of trans-Atlantic cultural developments.

**ENG–E 303 Literatures in English, 1800–1900 (3 cr.) A & H** Representative study of nineteenth-century British and American literature in the context of trans-Atlantic cultural developments.

**ENG–E 304 Literatures in English, 1900–Present (3 cr.) A & H** Representative study of twentieth-century literatures in English. In addition to Britain and North America, cultural locations may include the Indian subcontinent, Australasia, Anglophone Africa, the Caribbean, etc. Focuses on themes associated with modernity and cross-cultural contacts.

**ENG–L 111 Discovering Literature (3 cr.) A & H** Introduces students both to various forms of literary expression and different modes of literary study and appreciation.

**ENG–L 112 Experiencing World Cultures through Literatures in English (3 cr.) A & H** Investigates a diversity of world cultures and examines various literary

representations (written in English) of their imaginative, emotional, and moral experiences.

**ENG–L 198 Freshman Literature (3 cr.) A & H** Basic survey of literary masterpieces, open only to students who have received advanced placement in literature.

**ENG–L 202 Literary Interpretation (3 cr.)** P: Completion of the English composition requirement. **A & H** Develops critical skills essential to participation in the interpretive process. Through class discussion and focused writing assignments, introduces the premises and motives of literary analysis and critical methods associated with historical, generic, and/or cultural concerns. May be repeated once for credit by special arrangement with the Department of English.

**ENG–L 203 Introduction to Drama (3 cr.) A & H**

Acquaints students with characteristics of drama as a type of literature through the study of representative significant plays. Readings will include plays from several ages and countries.

**ENG–L 204 Introduction to Fiction (3 cr.) A & H**

Representative works of fiction; structural techniques in the novel. Novels and short stories from several ages and countries.

**ENG–L 205 Introduction to Poetry (3 cr.) A & H** Kinds, conventions, and elements of poetry in a selection of poems from several historical periods.

**ENG–L 206 Introduction to Prose (Excluding Fiction) (3 cr.) A & H** Varieties of nonfictional prose, such as autobiography, biography, and the essay. Representative works from several periods and countries.

**ENG–L 207 Women and Literature (3 cr.) A & H** Issues and approaches to the critical study of women writers and their treatment in British and American literature.

**ENG–L 208 Topics in English and American Literature and Culture (3 cr.) A & H** Selected works of English or American literature in relation to a single cultural problem or theme. Topics will vary from semester to semester. May be repeated once for credit.

**ENG–L 210 Studies in Popular Literature and Mass Media (3 cr.) A & H** Popular literary modes in England and America, such as detective, western, fantasy; history and theories of "mass" or "popular" culture; uses of literacy. Literary analysis of particular mass media forms, including television drama. Topic varies.

**ENG–L 213–L 214 Literary Masterpieces I–II (3–3 cr.) A & H** Literary masterpieces from Homer to the present. Aims at thoughtful, intensive reading; appreciation of aesthetic values; enjoyment of reading.

**ENG–L 220 Introduction to Shakespeare (3 cr.) A & H** Rapid reading of at least a dozen of Shakespeare's major plays and poems. May not be taken concurrently with L313 or L314.

**ENG–L 223 Introduction to Ethnic American Literature (3 cr.) A & H** Introduces students to a range of ethnic American literature, featuring works in varied combinations by African American, Native American, Asian American, Chicano/a or Latino/a American, Jewish American, Italian

American, Irish American, Arab American, and/or other ethnic American authors.

**ENG–L 224 Introduction to World Literatures in English (3 cr.) A & H** Comparing and analyzing works originating in at least two continents, this course introduces students to the complexity of human experience and diversity of global English as represented in literary works from various periods and world cultures.

**ENG–L 230 Introduction to Science Fiction (3 cr.) A & H** Study of the kinds, conventions, and theories of science fiction. Course may include both literature (predominantly British and American) and film.

**ENG–L 240 Literature and Public Life (3 cr.) A & H** Study of literary works that feature situations, issues, and problems of values or ethics in public life as seen from a variety of viewpoints. Discussion and writing will be directed to the works themselves and to the questions they raise for contemporary life.

**ENG–L 241 American Jewish Writers (3 cr.) A & H, CSA** Introduces the works of selected American Jewish writers such as Saul Bellow, Bernard Malamud, Cynthia Ozick, and Philip Roth.

**ENG–L 249 Representations of Gender and Sexuality (3 cr.) A & H** Study of literary and cultural presentations of gender and sexuality that traces their historical evolution, illuminates issues and problems, or examines the conventions of their depictions.

**ENG–L 295 American Film Culture (3 cr.) A & H** Film in relation to American culture and society. Topic varies. Works of literature may be used for comparison, but the main emphasis is on film as a narrative medium and as an important element in American culture.

**ENG–L 305 Chaucer (3 cr.) A & H** Chaucer's work, with special emphasis on *The Canterbury Tales*.

**ENG–L 306 Middle English Literature (3 cr.) A & H** Selected works such as *Sir Gawain and the Green Knight*, *The Pearl*, mystery and morality plays, and religious lyrics, read in Middle English.

**ENG–L 307 Medieval and Tudor Drama (3 cr.) A & H** Drama from its beginnings in Medieval England through contemporaries of the early Shakespeare.

**ENG–L 308 Elizabethan and Seventeenth-Century Drama (3 cr.) A & H** English drama from Shakespeare's time to the closing of the theaters in 1642 and beyond.

**ENG–L 309 Elizabethan Poetry (3 cr.) A & H** Major Elizabethan poets, with special attention to Spenser.

**ENG–L 313 Early Plays of Shakespeare (3 cr.) A & H** Close reading of at least seven early plays of Shakespeare. May not be taken concurrently with L220.

**ENG–L 314 Late Plays of Shakespeare (3 cr.) A & H** Close reading of at least seven later plays of Shakespeare. May not be taken concurrently with L220.

**ENG–L 317 English Poetry of the Early Seventeenth Century (3 cr.) A & H** Major poets in England, 1600–1660.

**ENG–L 318 Milton (3 cr.) A & H** Poetry and prose of John Milton, with special attention to *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*.

**ENG–L 320 Restoration and Early Eighteenth-Century Literature (3 cr.) A & H** Representative literary works from 1660 to the mid-eighteenth century, studied within their social context.

**ENG–L 327 Later Eighteenth-Century Literature (3 cr.) A & H** Representative literary works from the mid-eighteenth century to 1800, studied within their social context.

**ENG–L 328 Restoration and Eighteenth-Century Drama (3 cr.) A & H** Development of English Drama from Puritan closing of playhouses into the nineteenth century.

**ENG–L 332 Romantic Literature (3 cr.) A & H** British literature and culture in the age of Romanticism and the revolutionary era (ca. 1780–1830). Poetry, fiction, drama, and nonfiction writings from major and minor authors, such as Austen, Blake, Byron, Coleridge, Keats, Scott, the Shelleys, Wollstonecraft, and the Wordsworths.

**ENG–L 335 Victorian Literature (3 cr.) A & H** Major poetry and prose, 1830–1900, studied against the social and intellectual background of period.

**ENG–L 345 Twentieth-Century British Poetry (3 cr.) A & H** Modern poets, particularly Yeats, Eliot, Auden; some later poets may be included.

**ENG–L 346 Twentieth-Century British Fiction (3 cr.) A & H** Modern fiction, its techniques and experiments, particularly Joyce, Lawrence, and Woolf; some later novelists may be included.

**ENG–L 347 British Fiction to 1800 (3 cr.) A & H** Forms, techniques, and theories of fiction as exemplified by such writers as Defoe, Richardson, Fielding, Smollett, and Sterne.

**ENG–L 348 Nineteenth-Century British Fiction (3 cr.) A & H** Forms, techniques, and theories of fiction as exemplified by such writers as Scott, Dickens, Eliot, and Hardy.

**ENG–L 350 Early American Writing and Culture to 1800 (3 cr.) A & H** Examines a range of literary and cultural communications from the period of exploration and colonization of the Americas through the Revolutionary era. Special attention paid to the interactions between rhetoric and history, and to religious, scientific, political, racial, and literary discourses.

**ENG–L 351 American Literature 1800–1865 (3 cr.) A & H** Studies a range of texts from the formative period of the republic to the end of the Civil War. Special attention paid to the shifting definitions and constructions of U.S. American national and cultural identity, as affected by issues of race, environment, transatlantic exchanges, scientific discourse, and the emergence of women writers.

**ENG–L 352 American Literature 1865–1914 (3 cr.) A & H** Surveys American literature through the development of realism, regionalism, naturalism, and the beginnings of modernism. Considers literature's relation to social and cultural phenomena of this era, such as urbanization, industrialization, immigration, racial tensions,

labor strife, changing gender roles, and the spread of mass media and consumer culture.

**ENG–L 354 American Literature since 1914 (3 cr.) A & H** Provides an understanding of the pivotal literary innovations and cultural changes during this period. Literary movements such as naturalism, realism, and modernism may be the subject of focus, as might changes in race and gender relations, labor politics, immigration policies, regionalism, and the increasing shift from agricultural to urban economics.

**ENG–L 355 American Fiction to 1900 (3 cr.) A & H** Surveys a range of literary fiction in nineteenth-century America, examining a variety of forms including the novel, sketch, short story, as well as modes (Gothic, romance, sentimental, adventure). Attention will be paid to the historical, cultural, and political contexts in which canonical and lesser-known authors wrote.

**ENG–L 356 American Poetry to 1900 (3 cr.) A & H** Includes the work of Bradstreet, Taylor, the fireside poets, Poe, Emerson, Whitman, Dickinson, and Crane.

**ENG–L 357 Twentieth-Century American Poetry (3 cr.) A & H** Examines the general trends and important contributions found in the work of major and minor American poets.

**ENG–L 358 American Literature, 1914–1960 (3 cr.) A & H** Surveys literary expressions centered mainly in the first half of the twentieth century. Attention may be given to such literary movements as modernism and the Beats, as well as literature written by women and various ethnic populations.

**ENG–L 359 American Literature, 1960–Present (3 cr.) A & H** Examines a range of literary forms and developments after the start of the Vietnam War. Special attention may be given to postmodernism, women's literature, ethnic literature, 1960s protest literature, and radical revisions of genres, forms and narrative strategies in the age of computerization.

**ENG–L 360 American Prose (Excluding Fiction) (3 cr.) A & H** Examines—but is not limited to—such nonfiction genres as the personal or political essay, science writing, journalism exposé, history, biography, film criticism, memoir, travel and speech writing. The instructor may focus on a particular genre or period.

**ENG–L 363 American Drama (3 cr.) A & H** Main currents in American drama to the present.

**ENG–L 364 Native American Literature (3 cr.) A & H, CSA** Surveys traditional and modern literature by American Indians, especially of the high plains and southwest culture areas, with particular attention to the image of the Indian in both native and white literature.

**ENG–L 365 Modern Drama: Continental (3 cr.) A & H** Special attention to Ibsen, Strindberg, Chekhov, Pirandello, Brecht, Beckett, and the theater of the absurd.

**ENG–L 366 Modern Drama: English, Irish, American, and Post-Colonial (3 cr.) A & H** Shaw, Synge, O'Neill, and other significant dramatists, such as Harold Pinter, Edward Albee, August Wilson, Athol Fugard, and Wole Soyinka.

**ENG–L 367 Literature of the Bible (3 cr.) A & H** Hebrew Bible and New Testament with emphasis on questions of reading and interpretation.

**ENG–L 369 Studies in British and American Authors (3 cr.) A & H** Studies in single authors (such as Wordsworth and Melville), groups of authors (such as minority writers), and periods (such as American writers of the 1920s). Topics vary from semester to semester. May be repeated with a different topic for a maximum of 6 credit hours.

**ENG–L 371 Critical Practices (3 cr.) P:** L202 with grade of C– or higher. **A & H** Study of and practice in using contemporary critical methodologies; can be focused on specific topics.

**ENG–L 373 Interdisciplinary Approaches to English and American Literature (3 cr.) A & H** Social, political, and psychological studies in English and American literature, 1890 to the present. Topics may vary and include, for example, Freud and literature, responses to revolution, and the literature of technology.

**ENG–L 374 Ethnic American Literature (3 cr.) A & H, CSA** Literature about the American ethnic experience, selected from works by African American, Native American, Asian American, Chicano/a or Latino/a American, Jewish American, Italian American, Irish American, Arab American, and/or other ethnic American authors.

**ENG–L 375 Studies in Jewish Literature (3 cr.) A & H, CSA** Jewish authors, such as I. B. Singer and Elie Wiesel; groups of authors, such as Holocaust writers and writers about the immigrant experience; or genres and themes. Topic will vary from semester to semester.

**ENG–L 378 Studies in Women and Literature (3 cr.) A & H** British and American authors such as George Eliot, Gertrude Stein; groups of authors, such as the Brontë sisters, recent women poets; or genres and modes, such as autobiography, film, and criticism. Topics will vary from semester to semester.

**ENG–L 380 Literary Modernism (3 cr.) A & H** Phenomenon of modernism in early twentieth-century transatlantic literature, with emphasis on such writers as Joyce, Pound, Eliot, Stein, Lawrence, and Faulkner, studied in relation to social and artistic movements.

**ENG–L 381 Recent Writing (3 cr.) A & H** Selected writers of contemporary significance. May include groups and movements (such as black writers, poets of projective verse, new regionalists, parajournalists and other experimenters in pop literature, folk writers, and distinctly ethnic writers); several recent novelists, poets, or critics; or any combination of groups. May be repeated once for credit by special arrangement with the Department of English.

**ENG–L 383 Studies in British or Commonwealth Culture (3 cr.) A & H** Study of a coherent period of British or Commonwealth culture (such as medieval, Elizabethan, or Victorian England, or modern Canada), with attention to the relations between literature, the other arts, and the intellectual milieu.

**ENG–L 384 Studies in American Culture (3 cr.) A & H** Study of a coherent period of American culture

(such as the Revolution, the Progressive Era, the Great Depression), with attention to the relations between literature, the other arts, and the intellectual milieu.

**ENG–L 389 Feminist Literary and Cultural Criticism (3 cr.) A & H** Selected critical approaches to the issue of gender over time and in various cultural settings. Topics vary, but may include feminist criticism and popular culture, the history of feminist expository prose, or deconstructionism and feminism.

**ENG–L 390 Children’s Literature (3 cr.) A & H** Historical and modern children’s books and selections from books; designed to assist future teachers, parents, librarians, or others in selecting the best in children’s literature for each period of the child’s life.

**ENG–L 391 Literature for Young Adults (3 cr.) A & H** Study of books suitable for junior high and high school classroom use. Special stress on works of fiction dealing with contemporary problems, but also including modern classics, biography, science fiction, and other areas of interest to teenage readers.

**ENG–L 395 British and American Film Studies (3 cr.) A & H** Intensive study of specific topics related to film narratives; emphasis on American or British film as a cultural phenomenon. Topic varies.

**ENG–L 396 Studies in African American Literature and Culture (3 cr.) A & H, CSA** Study of a coherent phenomenon of African American literature and culture (such as Harlem Renaissance, the Black Arts Movement, African American women’s autobiographies, black popular culture and literary expression, recent black fiction or poetry, or a cluster of major authors).

**ENG–Y 398 Professional Practice in English (1–6 cr.) P:** Major standing, 12 credit hours in English at 200 level or above, including L202, good academic standing, approval of Department of English. (S/F grading) Supervised, career-related work experience in cooperating institution, agency, or business. Evaluation by employer and Department of English. Does not count toward distribution or English major requirements. May be repeated for a maximum of 6 credits.

**ENG–L 399 Junior Seminar (3 cr.) P:** L202. Small seminar on various topics, encouraging independent thinking and research methods. May be repeated with a different topic for a maximum of 6 credit hours.

**ENG–L 450 Seminar: British and American Authors (3 cr.)** Intensive study of a major author or a school of closely related authors.

**ENG–L 460 Seminar: Literary Form, Mode, and Theme (3 cr.)** Study of texts written in several historical periods united by a common mode or form (narrative, romanticism, lyric, etc.), or by a common theme (*Bildungsroman*, the city and the country, the two cultures question, the uses of literacy, etc.).

**ENG–L 470 Seminar: Literature and Interdisciplinary Studies (3 cr.)** Study of a body of English or American literature in relation to another discipline (philosophy, art history, linguistics, psychology, etc.), or in light of critical theory (structuralist, psychoanalytic, genre theory, etc.).

**ENG–L 480 Seminar: Literature and History (3 cr.)** Study of a body of literature in relation to a period of history, to a theory of history, or to a historical theme.

**ENG–L 495 Individual Reading in English (1–3 cr.)** P: Consent of instructor and departmental director of undergraduate studies. May be repeated once for a maximum of 6 credit hours.

**ENG–L 498 Internship in English (1–3 cr.) P:** Major standing, minimum GPA of 3.000, 12 credit hours in English at 200 level or above (including L202), prior arrangement with faculty member or editor. (S/F grading) Supervised experience in teaching undergraduate English course or in editing departmentally based journal or allied publication. May be repeated once for a maximum of 6 credit hours; only 3 credit hours may count toward the major.

**ENG–L 499 Senior Independent Study for Honors Students (2 cr.) P:** Approval of department’s Honors Director. May be repeated once for credit.

## Related Courses

One of the following courses may be included in the English major.

**African American and African Diaspora Studies**  
A379 Early Black American Writing (3 cr.) **A & H, CSA**

A380 Contemporary Black American Writing (3 cr.) **A & H, CSA**

A479 Contemporary Black Poetry (3 cr.) **A & H**

A480 The Black Novel (3 cr.) **A & H, CSA**

### Folklore and Ethnomusicology

F430 Folklore and Related Disciplines (3 cr.) **S & H** (Topic approval by director of undergraduate studies required.)

### Linguistics

L103 Introduction to the Study of Language (3 cr.) **S & H**

### Theatre and Drama

T453-T454 Playwriting I–II (3–3 cr.)

Any course at the 300 level or higher in ancient or modern literature in another language or in English or American history.

Double majors, not already counting any of the above-mentioned classes, may petition to have 3 credit hours of their other major included as part of their English major.

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## Environmental Science

### Introduction

The B.S. in Environmental Science (B.S.E.S.) is a joint degree program between the College of Arts and Sciences and the School of Public and Environmental Affairs. The interdisciplinary B.S.E.S. program considers the environment as a scientific entity. Students preparing for professional employment or graduate study in environmental science or in one of the traditional sciences should consider this degree.

While it is possible to divide environmental science into numerous subdisciplines or systems such as the atmosphere, the biosphere, the hydrosphere, and the

lithosphere, these subsystems are interdependent components of a single large system. It follows that the problems encountered in the environmental sciences are inherently interdisciplinary; hence, a scientist working in this field is required to possess both a breadth of knowledge and a specific set of skills and expertise. The overall organization of the B.S.E.S. degree program reflects this philosophy with a broad core curriculum, a concentration area, and a senior research project providing advanced hands-on experience. The B.S.E.S. degree program is intended to instill an appreciation of the integrated nature of the discipline and supply a level of expertise in one area. Recognition of these areas of expertise comes in the form of a concentration designation (General, Atmospheric Science, Ecosystem Science, Hydrology and Water Resources, Mathematical Modeling, Surficial Processes, or Pollution Control Technologies and Remediation).

### Contact Information

Environmental Science  
Indiana University  
Geology 423  
Bloomington, IN 47405  
(812) 855-3848

[bses@indiana.edu](mailto:bses@indiana.edu)

<http://www.indiana.edu/~bses/index.html>

## Faculty

### Director

- Bruce Douglas (Geological Sciences)

### Provost's Professor

- Lisa Pratt (Geological Sciences)
- Sara Pryor (Geography)

### Distinguished Professors

- Gary Hieftje (Robert and Marjorie Mann Chair, Chemistry)
- Ronald Hites (Public and Environmental Affairs, Chemistry)
- Ellen Ketterson (Biology, Gender Studies)

### Rudy Professor

- Emilio Moran (Anthropology)

### Professors

- Rebecca Bartelmie (Geography)
- James Bever (Biology)
- Simon Brassell (Geological Sciences)
- Keith Clay (Biology)
- Chris Craft (Public and Environmental Affairs)
- Hendrik Haitjema (Public and Environmental Affairs)
- J. C. Randolph (Public and Environmental Affairs)
- Scott Robeson (Geography)
- Phillip Stevens (Public and Environmental Affairs)
- Maxine Watson (Biology)
- Jeffrey White (Public and Environmental Affairs)

### Associate Professors

- Tom Evans (Geography)
- Diane Henshel (Public and Environmental Affairs)
- Claudia Johnson (Geological Sciences)
- Vicky J. Meretsky (Public and Environmental Affairs)

- Greg Olyphant (Geological Sciences)
- Flynn Picardal (Public and Environmental Affairs)
- P. David Polly (Geological Sciences)
- A. Faiz Rahman (Geography)
- Heather Reynolds (Biology)
- Chen Zhu (Geological Sciences)

### Assistant Professors

- Constance Brown (Geography)
- Rinku Roy Chowdhury (Geography)
- Spencer Hall (Biology)
- Richard Phillips (Biology)
- Todd Royer (Public and Environmental Affairs)

### Clinical Professors

- Burnell C. Fischer (Public and Environmental Affairs)
- William W. Jones (Public and Environmental Affairs)

### Clinical Assistant Professors

- Michael Edwards (Public and Environmental Affairs)
- Marc L. Lame (Public and Environmental Affairs)

### Assistant Scientists

- Danillo Dragoni (Geography)
- Erika Elswick (Geological Sciences)
- Peter Sauer (Geological Sciences)

### Professors Emeriti

- Bennet Brabson (Physics)
- Erle Kauffman (Geological Sciences)
- Noel Krothe (Geological Sciences)
- Craig Nelson (Biology)
- Theodore Miller (Public and Environmental Affairs)
- David Parkhurst (Public and Environmental Affairs)
- Lee Suttner (Geological Sciences)

### Academic Advising

- Andy Ruff, Geology 223, (812) 855-0241

## Major in Environmental Science— B.S.

### Purpose

The B.S.E.S. is designed to provide a scientific background with both breadth and depth to prepare students for professional science-related employment and for advanced study at the graduate level. Students must complete a set of fundamental skills and distribution requirements, a core curriculum, and a concentration in a particular branch of environmental science.

### Required Courses

#### Fundamental Skills and Distribution

(variable credit hours depending on course selection)

1. Writing: English Composition (ENG W131, W231) and Intensive Writing (IW); senior research thesis within major fulfills IW requirement.
2. Mathematics: Major fulfills requirement.
3. Public speaking: Select one course from CMCL C121, C122, C205, C223, C225, C228, C229, or THTR T115 or T120.
4. Foreign language: Student must complete the study of a single foreign language through the second semester of the first year of college-level course

work. All or part of the requirement may be fulfilled by performance on placement examinations.

5. One Topics/Freshman Seminar course from Arts and Humanities or from Social and Historical Studies; the course chosen for this requirement may be used in partial fulfillment of requirement 6 below if the course selected carries the Arts and Humanities designation.
6. Arts and Humanities: Two courses chosen from "Appendix II: Distribution Courses" in this Bulletin; COLL E103 may fulfill one of these two courses.
7. Social and Historical Studies: One course with an emphasis on economics or political science, selected from ECON E201, E202, E364, POLS Y103 or Y313.
8. Social and Historical Studies: One course with an emphasis on public policy, selected from SPEA V263, V371, V376, V499, or V472.
9. Natural and Mathematical Sciences: Major fulfills requirement.

### Core Requirements

(61–63 credit hours)

1. Biology: BIOL L111 and either BIOL L473 or SPEA E332.
2. Chemistry (one of the following sequences):\*
  - CHEM C117, C118, and C341 or
  - CHEM C117, R340, A314 and A316 or
  - CHEM C117, R340, and N330
3. Computing: CSCI A202, or GEOG G250, or SPEA E325. Any one of these three courses may be selected.
4. Environmental Science overview: SPEA E262.
5. Atmospheric Science: GEOG G304.
6. Geological Science: GEOL G225.
7. Field experience: GEOL G329 is offered at the IU Geological Field Station in Montana and should be taken during the summer following the fourth semester of enrollment. Students with certain needs can substitute two of the following courses for G329: BIOL L465 Advanced Field Biology, GEOG G350 Instrumentation and Field Methods in Atmospheric Science, SPEA E442 Habitat Analysis—Terrestrial, and SPEA E443 Habitat Analysis—Aquatic.
8. Mathematics: MATH M211 (or M119 and X201), M212, and either MATH M343 or SPEA E426.
9. Physics: PHYS P221 and P222.
10. Statistics: MATH K300 or GEOG G488 or MATH M365 or SPEA K300.
11. Environmental science senior research: Guided by a faculty member, each student undertakes a project closely related to his or her concentration (see below). Completion of a written thesis and an oral presentation are required; the thesis may be used to fulfill the College's intensive writing requirement if the guidelines for this requirement are met. Students should enroll in 3 credit hours in the appropriate course within the faculty supervisor's department (BIOL L490, CHEM C409, CSCI Y390, GEOG G450, GEOL G410, INFO I460, MATH M490, PHYS

S406, SPEA E490) or other courses as appropriate given the affiliation of the faculty advisor.

\*SPEA E464 may be used in place of CHEM C341 or R340, and CHEM C341 may be used in place of CHEM R340. Students who did not earn at least a B– in high school chemistry should contact the B.S.E.S. program director and the Department of Chemistry Undergraduate Placement Office to determine the appropriate starting course.

### Concentration (minimum of 18 credit hours)

Whereas the core curriculum provides each student with a solid background in the basic subjects pertinent to the environmental sciences, the concentration is aimed at preparing students for graduate study or professional employment in specific fields. A list of the available concentration areas includes: Atmospheric Science, Ecosystem Science, General, Hydrology and Water Resources, Mathematical Modeling, Surficial Processes, and Pollution Control Technologies and Remediation. B.S.E.S. concentrations include a minimum of 18 credit hours of course work selected by the student in consultation with a faculty advisor, active in the field in which they have chosen to concentrate, and two additional faculty members. Each program is then approved by the B.S.E.S. Program Committee.

### Departmental Honors Program

Students eligible for the honors program must maintain a minimum overall grade point average of 3.300 and a 3.500 grade point average in the core and concentration portion of the B.S.E.S. degree requirements. Honors students are encouraged to enroll in departmental courses and sections intended for honors students. The senior research project, including the written thesis and oral presentation compose the heart of the honors requirements. In addition, honors students are expected to participate in special courses and seminars. Further information regarding this program and a complete listing of requirements may be obtained from the program director or the honors advisor.

### Film Studies

Students interested in taking film classes, as well as students seeking to major or minor with an emphasis in film studies in the College of Arts and Sciences, should look for film course listings under the heading for the Department of Communication and Culture. The Film Studies Program, its courses, and its faculty have been integrated into the Department of Communication and Culture under the rubric of Media Studies.

For more information please contact Ted Striphas, Director of Film and Media Resources, Department of Communication and Culture, (812) 855-2016; [stripas@indiana.edu](mailto:stripas@indiana.edu).



# Fine Arts

## Introduction

The Henry Radford Hope School of Fine Arts (FINA) offers students a number of programs in fine arts, including the B.A. in history of art, the B.A. in studio art, and the B.F.A. in studio art.

## Contact Information

Fine Arts—Studio  
Indiana University  
Fine Arts 123  
Bloomington, IN 47405  
(812) 855-7766

[faoffice@indiana.edu](mailto:faoffice@indiana.edu)

History of Art  
Indiana University  
Fine Arts 132  
Bloomington, IN 47405  
(812) 855-9556

<http://www.fa.indiana.edu>

## Faculty

### Director and Chair, Studio Art

- Professor Tim Mather

### Chair, Art History

- Professor Patrick McNaughton

### Chancellor's Professor

- Patrick McNaughton

### Distinguished Professors

- Bruce Cole (Emeritus)
- Rudolph Pozzatti (Emeritus)

### President's Outstanding Faculty Awardees

- William Itter (Emeritus)
- W. Eugene Kleinbauer (Emeritus)
- Bonnie Sklarski (Emerita)

### Rudy Professor of Fine Arts

- Robert Barnes (Emeritus)

### Ruth N. Halls Professors

- Sarah Burns
- Jeffrey A. Wolin

### Professors

- Ed Bernstein
- Michelle Facos
- Janet Kennedy
- Randy Long
- Patrick McNaughton

### Associate Professors

- Sarah Bassett
- Paul Brown
- Wendy Calman
- Laurel Cornell
- Margaret Dolinsky
- Adelheid Gealt
- Giles Knox
- Arthur Liou

- Eve Mansdorf
- Tim Mather
- James Nakagawa
- Tina Newberry
- James Reidhaar
- Diane Reilly
- Bret Rothstein
- Leslie Sharpe
- Malcolm Mobutu Smith
- Julie VanVoorhis

### Assistant Professors

- Christyl Boger
- Christiane Gruber
- Nicole Jacquard,
- Martha MacLeish
- Andrei Molotov
- Althea Murphy-Price
- Rowland Ricketts
- Dawna Schuld
- Mariana Tres
- Caleb Weintraub

### Visiting Assistant Professors

- Megan Abajian
- Rowland Ricketts
- Dave Rowe

### Faculty Emeriti

- Robert Barnes
- Bruce Cole
- Tom Coleman
- Shehira Davezac
- Molly Faries
- Barry Gealt
- John Goodheart
- William Itter
- Jerald Jacquard
- W. Eugene Kleinbauer
- Marvin Lowe
- Susan Nelson
- Rudolph Pozzatt
- Bonnie Sklarski
- Budd Stalnaker
- Joan Sterrenburg

### Lecturers

- Jenny El-Shamy
- Todd Frahm
- Tim Kennedy
- Laura Nguyen
- Tom Walker

### Academic Specialist

- Betsy Stirratt

### Associate Scholars

- Diana Gros Louis
- Diane Pelrine
- Judith Stubbs
- Tony White

**Academic Advising, Studio**

- Nell Weatherwax, Fine Arts 126, (812) 855-1693

**Academic Advising, History of Art**

- Krystie Herndon, Fine Arts 136, (812) 855-1056

**Major in History of Art—B.A.****Purpose**

This program is designed to acquaint the student with the major developments in the history of art and the discipline and methods of art history, and to elucidate the work of art within the period and culture in which it was produced.

**Required Courses**

Students must complete at least 30 credit hours in art history, including the following:

1. Two of the following survey courses: A101, A102, A155, and A160.
2. 24 credit hours above the 100 level, including at least four courses at the 200–300 level and at least three courses at the 400 level. The 200-, 300-, and 400-level courses must be taught for at least 3 credit hours and should be distributed among at least four of the following different areas of art history: ancient, medieval, Renaissance and baroque, modern, Islamic, Asian, African/Oceanic/pre-Columbian, or art theory. Courses must be completed with a grade of C– or higher.

Students must complete the degree requirements of the College of Arts and Sciences.

**Recommendations**

A reading knowledge of a foreign language and a minor in the humanities are recommended. Some studio course work is also recommended.

**Residence Requirement**

At least 15 credit hours of art history must be completed in residence on the Bloomington campus, including two courses at the 300 level and two courses at the 400 level.

**Transferred Credit**

All art history courses transferred from another institution or campus must be evaluated by the director of undergraduate studies in the Department of the History of Art before they may be applied toward the major.

**Limit on Fine Arts Credit Hours**

A maximum of 63 credit hours of fine arts courses and a maximum of 42 credit hours in art history will count toward the 122 credit hours required for the B.A. degree.

**Minor in History of Art****Required Courses**

Students must complete five courses in art history, with at least three courses at the 200, 300, or 400 level, for a minimum of 15 credit hours. Courses must be completed with a C– or higher. At least two of these courses must be taken on the Bloomington campus.

**History of Art Honors Program**

The fine arts honors program in history of art is designed to provide outstanding students with opportunities to pursue creative independent study and research. Admission to the program is by application, typically during the spring semester of the junior year. To be

considered, a student must have a minimum GPA of 3.500 in history of art and a minimum 3.300 GPA overall. Eligible and interested students should consult the director of undergraduate studies.

The honors program includes a two-course sequence, A400 Senior Seminar (4 cr.) and A499 Senior Honors Thesis (4 cr.), taken during the senior year. To graduate with honors in history of art, a student must earn an A– or higher in both courses and must maintain a minimum GPA of 3.500 in history of art and a minimum GPA of 3.300 overall.

**Major in Studio Art—B.A.****Purpose**

This program is designed to enable students to see, formulate, and articulate visual concepts through the manipulation of forms and materials. Its basic aim is to develop their awareness of visual expression within the humanist tradition.

**Required Courses**

Students must complete at least 33 credit hours in studio and at least 12 credit hours in art history, including the following:

1. F100, F101, and F102 (9 cr.).
2. S200 (3 cr.).
3. Three additional studio courses at the 200 level, including at least one course in both two-dimensional and three-dimensional disciplines. (**Note:** The two-dimensional studio disciplines are graphic design, painting and drawing, photography, digital art, and printmaking. The three-dimensional disciplines are ceramics, fibers, metalworking and jewelry design, and sculpture.)
4. 12 additional credit hours in studio at the 300–400 level, including both two-dimensional and three-dimensional disciplines, with at least 3 credit hours (one course) at the 400 level.
5. A102, and one of the following: A101, A155, and A160.
6. Two courses in art history: one course at the 200–400 level and one course at the 300–400 level.

Students must complete the degree requirements of the College of Arts and Sciences.

**Residence Requirement**

At least 20 credit hours of studio and 6 credit hours of art history must be completed in residence on the Bloomington campus.

**Transferred Credit**

All art history and studio courses transferred from another institution or campus must be evaluated by an appropriate faculty member in the School of Fine Arts before they may be applied toward a major in fine arts. See Transferred Credit Review.

**Limit on Fine Arts Credit Hours**

A maximum of 63 credit hours of fine arts will count toward the 122 credit hours required for the B.A. degree.

## Minor in Studio Art

### Requirements

Students must complete five courses in studio with a C– or higher for a minimum of 15 credit hours, including:

1. F100.
2. F101 or F102.
3. Three additional courses in studio art above the 100 level (two of which must be completed on the Bloomington campus).

## Major in Studio—B.F.A.

### Purpose

This program is designed to meet the needs of exceptional students who desire intensive studio experience within the context of the liberal arts. They must have demonstrated superior ability and motivation in a particular studio discipline.

Admission to the B.F.A. program in any studio area is subject to a portfolio review, judgment of grades, and a personal interview with the faculty of that area. Applications are not usually considered until students have had at least two studio courses on the Bloomington campus.

### Required Courses

Students must complete at least 62 credit hours in studio and at least 12 credit hours in art history, including the following:

1. F100, F101, and F102 (9 cr.).
2. S200 (3 cr.).
3. Three additional studio courses at the 200 level (at least 9 cr.), including at least one course in both two-dimensional and three-dimensional disciplines (**Note:** The two-dimensional studio disciplines are graphic design, painting and drawing, photography, digital art, and printmaking. The three-dimensional disciplines are ceramics, fibers, metalworking and jewelry design, and sculpture.)
4. Additional credit hours, prescribed by the director of the area in which the degree is taken, to total 62 credit hours of studio work, including both two-dimensional and three-dimensional disciplines.
5. A102, and one of the following: A101, A155, and A160.
6. Two courses in art history: one course at the 200–400 level and one course at the 300–400 level.
7. Two courses in art history at the 300–400 level.

Students must complete the degree requirements of the College of Arts and Sciences.

### Recommendations

Students should plan the distribution of their programs within the areas offered under the guidance of area advisors.

### Residence Requirement

At least 40 credit hours of studio and 6 credit hours of art history must be completed in residence on the Bloomington campus.

### Transferred Credit

All art history and studio courses transferred from another institution or campus must be evaluated by an appropriate faculty member in the School of Fine Arts before they may

be applied toward a major in fine arts. See Transferred Credit Review.

## Double Major in History of Art and Studio Art

### Required Courses

Students must meet all the requirements for both majors. It will be acceptable to count a maximum of four art history courses toward both majors. A maximum of 63 credit hours in art history courses and studio courses will apply to a B.A. degree for students completing this double major. Students pursuing the double major may, however, complete up to 22 additional credit hours in Fine Arts courses. These additional credit hours will not count toward the GPA for the major. In no case may the sum of the credit hours taken outside the College and the excess major hours within the College exceed 22 credit hours.

## Transferred Credit Review

Courses in art history or studio art that have been transferred to Indiana University Bloomington from another institution or campus are not counted as part of a fine arts major unless they have been reviewed by the School of Fine Arts faculty.

For an art history course review, the student should supply the reviewer with the following information: the title of the course, textbook name, and the period covered. The student should bring the course description and syllabus.

For a review of transferred studio credit, the student should provide the reviewer with a portfolio consisting of representative work from each area (e.g., painting, sculpture, etc.) for which transfer credit is desired. It should include both studies and finished work. Some studio areas accept slides or photographs in lieu of actual objects. The portfolio should be as complete as possible.

## Overseas Study

Students are encouraged to study abroad, particularly on Indiana University overseas study programs, where they can continue to make progress toward their degrees and apply financial aid to program fees. Of particular interest are the summer programs in Florence, Paris, and Venice. For information about study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Course Descriptions

### History of Art

#### Courses for the Nonmajor

**FINA–H 100 Introduction to Art History and Visual Culture for Non-Majors (3 cr.) A & H** Designed to acquaint students with outstanding works of art and to provide an approach to appreciation through knowledge of purposes, techniques, form, and content. Does not count toward the fine arts major. Credit given for only one of H100 or A108.

**FINA–A 108 Art of the Western World (3 cr.) S & H** Western art from ancient Greece through the present day, focusing on major artists and artwork of western culture, stressing underlying social, cultural, and historical circumstances for each period. Does not count toward the fine arts major. Credit given for only one of A108 or H100.

**Introductory Courses****FINA–A 101 Ancient and Medieval Art (3 cr.) S & H**

A survey of major styles and monuments in art and architecture from prehistoric times to the end of the Middle Ages.

**FINA–A 102 Renaissance through Modern Art (3 cr.)**

**S & H** A survey of major artists, styles, and movements in European and American art and architecture from the fifteenth century to the present.

**FINA–A 150 African, New World, and Oceanic Art (3 cr.) S & H**

Arts of the non-Western world outside the Orient.

**FINA–A 155 Introduction to African Art (3 cr.) A & H,**

**CSA** African art in its cultural setting. Major style areas: prehistoric Nok culture, kingdoms of Ife and Benin, Western Sudan, Guinea Coast, equatorial forests, Congo, eastern and southern Africa.

**FINA–A 160 Introduction to East Asian Art (3 cr.)**

**A & H, CSA** A survey of major monuments, artists, and movements in Chinese and Japanese art.

**FINA–A 200 Topics in Art History (3 cr.)**

Various topics in the history of art will be offered depending upon instructors and their area of expertise. May be repeated with a different topic for a maximum of 6 credit hours.

**FINA–A 290 Architecture for Planet Earth (3 cr.)**

**S & H** Focuses on the relationship between architecture and the environment at different points in history and in various parts of the world. Students will analyze (1) the natural conditions that determine basic building forms, (2) the cultural forces that add complexity to evolving built environments, and (3) conflicting modern attitudes towards nature and culture in architecture.

**Ancient Art****FINA–A 206 (CLAS C206) Classical Art and Archaeology (3 cr.) A & H, CSA**

Survey of the art and archaeology of classical lands from the Minoan-Mycenaean Age through classical Greece and Rome. Emphasis on the contributions of archaeology to our understanding of classical culture.

**FINA–A 210 Topics in Ancient Art (3 cr.)** Special topics in the history and study of ancient art. May be repeated with a different topic for a maximum of 6 credit hours.

**FINA–A 214 Art and Life in Ancient Rome (3 cr.) S & H, CSA** Thematic exploration of the art and architecture of ancient Rome with a focus on the relationship between art and society during the imperial period.

**FINA–A 310 Topics in Ancient Art (3-6 cr.) A & H**

Special topics in the history and study of ancient art. May be repeated with a different topic for a maximum of 6 credit hours.

**FINA–A 311 The Art of the Classical Age of Greece (3 cr.) S & H, CSA** Architecture, sculpture, and painting in the fifth and fourth centuries B.C.

**FINA–A 312 The Art of the Roman Empire from Augustus to Constantine (3 cr.) S & H** Survey of art and architecture of the Roman Empire from 31 B.C.E. to 337 C.E.

**FINA–A 313 Greek Pottery and Painting (3 cr.)** Survey of Greek painted pottery and remains of painting from 1000 to 200 B.C. It illustrates the successive stages of development, drawing upon the rich collection of the IU Art Museum to illuminate the different phases. Emphasis is on period as well as individual styles and on the interpretation of subject matter as well as on technique.

**FINA–A 314 History of Greek Sculpture (3 cr.)** P: A101 and A206. The history of Greek sculpture from the early Iron Age (ca. 900 B.C.) to the late Hellenistic period. Focus on problems of change, context, and stylistic differentiation between parts of the Greek world. Original material from the IU Art Museum will also be studied.

**FINA–A 316 Ancient Art from Alexander the Great to Augustus (3 cr.) A & H** Introduction to the art and architecture of the ancient Mediterranean world during the Hellenistic and Roman Republican periods.

**FINA–A 410 Topics in Ancient Art (3–4 cr.)** Special topics in the history and study of ancient and Classical art. Special topics in the history and study of ancient and Classical art. May be repeated with a different topic for a total of 8 credit hours.

**FINA–A 412 (CLAS C412) The Art and Archaeology of the Aegean (3 cr.)** P: A206 or CLAS C206. **A & H, CSA** Introduction to the preclassical art and archaeology of the Aegean Basin: Greece, Crete, and the Aegean islands during the Stone and Bronze Ages (to about 1000 B.C.). Topics covered include Troy, Minoan Crete, and Mycenaean Greece.

**FINA–A 413 (CLAS C413) The Art and Archaeology of Greece (3 cr.)** P: A206 or CLAS C206. **A & H** Art and archaeology of Greece from about 1000 B.C. through the Hellenistic period. Special attention given to the development of Greek architecture, sculpture, and vase painting. Continuation of A412 (C412), but A412 (C412) is not a prerequisite.

**FINA–A 414 (CLAS C414) The Art and Archaeology of Rome (3 cr.)** P: A206 or CLAS C206. **A & H** Development of Roman architecture, sculpture, and painting from the beginning through the fourth century A.D. Consideration given to the major archaeological sites. Continuation of A413 (C413), but A413 (C413) is not a prerequisite.

**FINA–A 415 Roman Painting (4 cr.)** P: A101, A312, A314, A414, or consent of instructor. **S & H** Critical survey of Roman painting from second century B.C. through early fourth century A.D. Emphasis is on paintings from Rome and the region of Pompeii in the period from 100 B.C. to A.D. 79.

**FINA–A 416 Greek Architecture (4 cr.)** P: A412, A413, or consent of instructor. The development of Greek architecture from the ninth to the first century B.C.

**FINA–A 417 Roman Sculpture (4 cr.)** P: A101, A312, A314, A414, or consent of instructor. **S & H** Analytical survey of Roman sculpture from the Republic through the reign of Septimius (circa 3rd century B.C.E. to early 3rd century C.E.)

**FINA–A 418 Roman Architecture (4 cr.)** P: A312, A414, A416, or consent of instructor. The formation and development of Roman architecture from the second century B.C. to the middle of the fourth century A.D.

## Medieval Art

**FINA–A 226 Survey of Medieval Art (3 cr.) A & H, CSA** Origins and development of the architecture, and especially the sculpture and painting, of the period from Constantine the Great (A.D. 300) to the fall of Constantinople in 1453 in the Byzantine East and the beginning of the Renaissance in the Latin West.

**FINA–A 321 Early Medieval Art (3 cr.) S & H, CSA** Art and architecture in western Europe from the disintegration of the Roman Empire in the fifth century through the creation of the Holy Roman Empire by Charlemagne and his heirs in the eighth and ninth centuries. Materials considered in the contexts of warfare, kingship, and monasticism.

**FINA–A 322 Romanesque and Gothic Art (3 cr.) S & H** Survey of the art of the High Middle Ages from the eleventh through the fifteenth centuries, with an emphasis on architecture and sculpture in England, France, Germany, and Italy.

**FINA–A 323 Illuminated Manuscripts in the Middle Ages: Form, Function, and Audience (3 cr.) A & H** Starting with the invention of the codex in the first century, and continuing to the end of the Middle Ages, this course will investigate the tools, methods, and inspiration behind the creation of medieval manuscripts. Lectures will survey the most important types of manuscripts and schools of manuscript illumination, as well as their audiences.

**FINA–A 324 The Gothic Cathedral (3 cr.)** This course surveys the development of one of the most important cultural institutions of the Medieval era, the Gothic cathedral. A study of the Gothic cathedral provides an ideal jumping-off point to examine the most important trends of the twelfth, thirteenth, and fourteenth centuries. The cathedral became the most important innovating force in Europe, leading the way in the development of architecture and the visual arts, as well as education and music. The centrality of the cathedral in the later medieval world reflects a fundamental change in the structure of medieval society, which changed from being primarily rural to urban in the course of only a century.

**FINA–A 325 Medieval Architecture (3 cr.) S & H A** survey of architecture from the early Christian period to the Renaissance, combining a consideration of the historical aspects of building in economic terms, the planning and execution of monuments, and the question of style in architecture.

**FINA–A 329 Topics in Medieval Art (3 cr.) A & H** Special topics in the history and study of Medieval art. May be repeated for a total of 6 credits.

**FINA–A 421 Early Christian Art (4 cr.) S & H** Christian art and architecture as it developed within the structure of the later Roman Empire (A.D. 200–600).

**FINA–A 423 Romanesque Art (4 cr.) S & H** Intensive analysis of the art of the eleventh and twelfth centuries. Emphasis on architecture and sculpture of England, France, Germany, Italy, and Spain.

**FINA–A 424 Gothic Art (4 cr.) S & H** Origins and development of the architecture, sculpture, and painting of the Gothic period, from the twelfth to the fifteenth century

in England, France, Germany, and Italy. Emphasis on the cathedral.

**FINA–A 425 Byzantine Art (4 cr.) S & H** Art and architecture of the Byzantine Empire (A.D. 600–1453). Consideration of materials from the core territories of the Byzantine world (Constantinople, Asia Minor, Greece), the Byzantine commonwealth of Orthodox lands (Kievan Rus, Serbia) and Western Europe (Sicily, Venice, Crusader states).

**FINA–A 426 The Medieval City (4 cr.) S & H** This course will examine the cities of Western Europe and the Islamic and Byzantine worlds from the perspective of the institutions of the city and the art and architecture they generated, including houses, fortifications, churches, town halls, guild halls, and markets. Medieval representations of the city also will be explored.

## Renaissance and Baroque Art

**FINA–A 231 The Age of Giants: Art in the Time of Leonardo and Michelangelo (3 cr.) A & H, CSA** Italian painting and sculpture in the time of Leonardo da Vinci (1452–1519) and Michelangelo Buonarroti (1475–1564), whose accomplishments represent what S. J. Freedberg has called the “most extraordinary intersection of genius art history has known.” Besides an overview of Italian High Renaissance art, major topics to be addressed include the rivalry between Leonardo and Michelangelo, Leonardo’s notebooks, and the reception of both artists’ works in later centuries.

**FINA–A 233 Renaissance and Baroque Art in Italy 1250–1700 (3 cr.) S & H, CSA** Survey of the major artists and monuments in Italy 1250–1700. Painting, sculpture, and architecture in Florence, Venice, and Rome will be given particular attention.

**FINA–A 234 Renaissance Florence (3 cr.) A & H, CSA** A survey of the interrelationships between Florentine artistic and literary culture between 1300 and 1530. Major emphasis on Boccaccio, Giotto, Masaccio, Donatello, Lorenzo de’ Medici, Leonardo da Vinci, Guicciardini, Machiavelli, and Michelangelo.

**FINA–A 330 Art of Renaissance and Baroque (3 cr.)** P: A102 or permission of instructor. **S & H** Special topics in the history and study of Renaissance and Baroque art. May be repeated with different topics for a maximum of 6 credit hours.

**FINA–A 331 Fourteenth- and Fifteenth-Century Art in Italy (3 cr.) S & H** Survey of painting, sculpture, and architecture.

**FINA–A 332 Sixteenth- and Seventeenth-Century Art in Southern Europe (3 cr.)** P: A102. **S & H** Beginnings of baroque style and the pictorial traditions, which spread from Italy to Spain and France.

**FINA–A 333 From Van Eyck to Vermeer (3 cr.)** R: A101, A102, or consent of instructor. **S & H** Survey of major artists and themes in Netherlandish painting from the fifteenth to the seventeenth century.

**FINA–A 334 High Renaissance and Mannerism: Italian Art, 1490–1590 (3 cr.) S & H** Painting, sculpture, and architecture in Italy, 1490–1590. Course work and lectures will center around the works of major artists active in Florence, Rome, and Venice (such as Michelangelo,

Raphael, and Titian). Students will learn to analyze art critically in relation to its socioeconomic and religious context.

**FINA–A 335 Baroque Art in Italy, 1580–1700 (3 cr.)**

**S & H** Sculpture, painting, and architecture in Italy, 1580–1700. Development of baroque style from the late sixteenth century through the period of the High Baroque in Rome, Florence, and Venice in the mid- to late-seventeenth century. Lectures, readings, and discussions will be centered around questions of stylistic progression, and the influence of patrons, socioeconomic conditions, and religion on artistic practice.

**FINA–A 337 Age of Rubens and Rembrandt (3 cr.)**

P: A102. **S & H, CSA** Baroque art in northern Europe of the sixteenth and seventeenth century, emphasizing the art and culture of the Netherlands.

**FINA–A 432 Italian Art of the 16th Century (4 cr.)**

Investigates art in Italy during one of its most important centuries. Focuses on the artists of central Italy including such luminaries as Leonardo da Vinci, Raphael, and Michelangelo. Examines the puzzling phenomenon of mannerism (Pontorno, Rosso, Bronzino, Parmigianino) and the warm, painterly naturalism of Venice (Giorgione, Titian).

**FINA–A 436 Italian Art of the Fifteenth Century (4 cr.)**

**S & H** Major artists and stylistic trends of fifteenth-century Italy. Special attention to Tuscan painting and sculpture and to the works of Masaccio, Ghiberti, and Donatello.

**FINA–A 437 Fifteenth-Century Netherlandish Visual Culture (4 cr.)**

**S & H** Examines visuality in early modern England, France, Germany and the Low Countries. Topics include the cognitive functions of the image, varieties and consequences of interpretive skills, rivalry among different media, and the commodification of artistic identity.

**Art of the Modern World**

**FINA–A 280 The Art of Comics (3 cr.)**

**A & H** Analysis of the visual and narrative language of comics from the earliest newspaper strips to the graphic novels of today.

**FINA–A 340 Topics in Modern Art (3 cr.)**

Special topics in the history and study of nineteenth- and twentieth-century European and American art. Special topics in the history and study of nineteenth- and twentieth-century European and American art. May be repeated with different topics for a maximum of 6 credits.

**FINA–A 341 Nineteenth-Century European Art (3 cr.)**

P: A102. **S & H** Survey of major artists and styles in painting and sculpture from c. 1770 to 1900, emphasizing developments in France, England, and Germany. Topics include neoclassicism, romanticism, realism, impressionism, and post-impressionism.

**FINA–A 342 Twentieth-Century Art (3 cr.)**

P: A102. R: A341. **S & H, CSB** Survey of major artists, styles, and movements in painting and sculpture from 1900 to the present in Europe and the United States. Topics include expressionism, cubism, futurism, dada, surrealism, and abstraction.

**FINA–A 345 American Art to 1913 (3 cr.)**

**S & H** American architecture, sculpture, painting, photography,

and graphics from seventeenth century to the Armory Show of 1913.

**FINA–A 346 Roots and Revolution: Early Twentieth-Century Mexican Art (3 cr.)** **A & H, CSA** Critical analysis of painting, printmaking, and photography of Mexico from 1890 to 1950 in terms of political and cultural phenomena.

**FINA–A 347 Picasso (3 cr.)** **A & H** A survey of the different phases of Picasso's career, the artistic milieu in which he worked, and the critical approaches that have been taken to his art.

**FINA–A 348 American Architecture (3 cr.)** P: A102 or permission of instructor. **A & H** A survey of American architecture from the colonial period to the late twentieth century, including public, commercial, and domestic design, with emphasis on historical context and the role of architecture as signifier of social, cultural, and political ideologies.

**FINA–A 349 Dada and Surrealism (3 cr.)** **A & H** An examination of the Dada Surrealism project, in particular the critique of established forms of art making; also the historical background, intellectual sources, and social and political goals of the two movements.

**FINA–A 440 Nineteenth-Century Painting I (4 cr.)**

P: Any 300-level course in art history or consent of instructor. **CSB** A thematic look at neoclassical and romantic art throughout Europe.

**FINA–A 441 Nineteenth-Century Painting II (4 cr.)**

P: Any 300-level course in art history or consent of instructor. **CSB** Major European painters and artistic movements, particularly in France, with some coverage of the United States. Focus on cultural and intellectual milieu of each artist.

**FINA–A 442 Twentieth-Century Art, 1900–1924 (4 cr.)**

P: A341, A342, or permission of the instructor. **CSB** European artists and art movements of the first part of the twentieth century: Matisse, Picasso, cubism, and futurism, German expressionism, Dada, constructivism, the Bauhaus. Focus primarily on painting with some attention to sculpture, architecture, and design, with emphasis on the central concepts of modernism and the avant-garde.

**FINA–A 443 History of 20th-Century Photography (4 cr.)**

**S & H** Surveys twentieth-century photography as a medium of art and communication. Considers portraiture, landscape, still life, the nude, conceptual photography, the social documentary tradition, the magazine picture story, fashion, advertising, and war photography. Examines the impact of postmodern theories on photographic practice and the understanding of photography.

**FINA–A 445 American Art to 1860 (4 cr.)**

P: A341, A342, or consent of instructor. History of art in the United States from the colonial period to the eve of the Civil War.

**FINA–A 446 American Art, 1860–1900 (4 cr.)**

P: A341, A342, or consent of instructor. History of art in the United States from the end of the Civil War to the turn of the twentieth century.

**FINA–A 447 Modernism and Anti-Modernism in**

**American Art, 1900–1945 (4 cr.)** P: A341, A342, or permission of instructor. **A & H** A survey of American painting, sculpture, photography, design, and commercial

art in the early Modern period. Topics include the urban realism of the "Ash Can School"; the early avant-garde; New York Dada; the cult of the machine; regionalist painting and the American heartland; the expressionist landscape; and surrealism, American style.

**FINA–A 449 Twentieth-Century Art, 1925–1970 (4 cr.)**

P: A342 or A442. Painting, sculpture, and architecture 1925–1970. Main emphasis will be on American developments, including necessary historic background from the Armory Show to migration of surrealism, abstract expressionism, op, pop, minimal, and kinetic art. A world view of architecture will cover such topics as international style and new brutalism.

**FINA–A 450 History of Photography (4 cr.)** P: A341

or A342 or permission of instructor. Surveys the history of photography from its beginning to the mid-twentieth century, with focus on theoretical issues as well as the cultural and social contexts of photography and its practices.

**FINA–A 480 Russian Art (4 cr.)** R: One Russian history

course or art history course. **S & H, CSA** Russian art from the twelfth century to the present. Emphasis on the period 1850 to the present: realism, the Slavic revival, symbolism, constructivism, and socialist realism.

**Islamic Art**

**FINA–A 327 Survey of Islamic Art (3 cr.) S & H, CSA**

Architecture, sculpture, and painting of Islam from its origins in the Fertile Crescent to the nineteenth century.

**FINA–A 489 Topics in Islamic Art (4 cr.)** Special topics

in the history and study of Islamic art. May be repeated with a different topic for a maximum of 8 credit hours.

**Art of Africa, Oceania, and Pre-Columbian America**

**FINA–A 350 Topics in African, Oceanic, and Pre-Columbian American Art (3 cr.)** Special topics in the history and study of African, Oceanic, and Pre-Columbian American art. May be repeated with different topics for a maximum of 6 credit hours.

**FINA–A 351 Art of the South Pacific (3 cr.) S & H,**

**CSA** A one-semester survey of the visual art traditions of Australia and the South Pacific Island groups of Polynesia, Micronesia, and Melanesia. Focus on style regions, individual island styles, and the cultural and historical contexts of objects. Emphasis on traditional arts, but contemporary forms will also be discussed.

**FINA–A 352 Art of Eastern and Southern Africa**

**(3 cr.) S & H, CSA** A one-semester survey of visual arts, traditions of eastern and southern Africa, examining architecture, personal arts of the body and household, religious arts, and contemporary painting and sculpture. Emphasis on the nineteenth and twentieth centuries, but some earlier traditions, such as Ethiopian Christian art and Swahili architecture, are also discussed.

**FINA–A 355 Art, Craft, and Technology in Sub-Saharan Africa (3 cr.) CSA** Examination of technology, history, and uses of traditional African art materials, such as metals, ceramics, wood, and fiber. Emphasis is on furniture, textiles, decorative arts, and utilitarian objects.

**FINA–A 356 Art of Central Africa (3 cr.) A & H, CSA** Analysis of visual art traditions of central Africa, focusing primarily on the Democratic Republic of the Congo, but

also including art from Cameroon, Gabon, Congo, Central African Republic, and Angola.

**FINA–A 452 Art of Pre-Columbian America (3–4 cr.)**

**S & H, CSA** Survey of precontact arts of the Americas south of the Rio Grande. Emphasis on sculptural, architectural, and ceramic arts of ancient Mexico and Peru.

**FINA–A 453 Art of Sub-Saharan Africa I: Arts of Africa's Western Sudan (4 cr.) S & H, CSA**

Analysis of visual art traditions of West Africa, focusing primarily on the peoples of the Western Sudan and including the area from northern Nigeria to Senegal. Emphasis on the concepts and themes that give the art its beauty, power, and social relevance for the peoples who use it.

**FINA–A 454 Art of Sub-Saharan Africa II: Arts of the West African Coast (4 cr.) S & H, CSA**

Analysis of visual art traditions of West Africa, focusing primarily on the peoples of the Atlantic coast from Nigeria to the Republic of Guinea. Emphasis on the concepts and themes that give the art its beauty, power, and social relevance for the peoples who use it.

**FINA–A 458 Topics in the Ethnographic Arts (3 cr.)**

**S & H** Specific themes of particular interest in the ethnographic arts. Topics will be based on art categories (such as textiles and music) or geographic areas (such as new developments in the study of central Bantu initiation arts). May be repeated once with a different topic for a maximum of 6 credit hours.

**Asian Art**

**FINA–A 262 Introduction to Japanese Art and Culture (3 cr.) S & H, CSA**

A historical survey of Japanese art in the context of culture, society, and politics; the arts of traditional Buddhism; ink painting and other arts associated with the Zen sect; the created landscape, in painting and garden design; historical narratives and scenes of ordinary life; and decorative and useful things, e.g., ceramics, lacquer, textiles, and "golden screens." Credit given for only one of A262 or A362.

**FINA–A 360 Topics in East Asian Art (3 cr.) A & H,**

**CSA** Topics vary; each is focused on a specific aspect or issue in East Asian art, studied in the context of social and intellectual history. May be repeated for a total of 9 hours of credit with different topics.

**FINA–A 464 Art and Archaeology of Early China**

**(4 cr.) S & H, CSA** The arts of China from Neolithic times through the T'ang Dynasty (618–906 A.D.): prehistoric ceramics, ritual bronzes, jades, animal sculpture, Buddhist art, and early pictorial art. Particular attention will be paid to major archaeological discoveries, and the material will be discussed in the context of the development of Chinese culture and civilization.

**FINA–A 466 Early Chinese Painting (4 cr.) S & H,**

**CSA** Chinese painting and pictorial art from the Bronze Age to the end of the Sung dynasty (A.D. 1279): tomb paintings and reliefs, Buddhist cave paintings, courtly art and imperial patronage, and landscapes. Materials and techniques, art theory, and the relationship between painting and calligraphy will also be considered.

**FINA–A 467 Later Chinese Painting (4 cr.) S & H, CSA**

Chinese painting from the Yuan dynasty (A.D. 1279–1368) to the twentieth century: the emergence, development,

and interaction of diverse painting schools; amateurs and professionals, regional styles, political and social contexts, the role of patronage and collecting, and art theory and criticism.

### Art Theory

**FINA–A 267 Eye of the Beholder: Art and Perception (3 cr.) A & H** Introduction to the philosophy and psychology of perception as they are related to Western art theory and criticism from Plato to the present.

**FINA–A 471 Art Theory I (4 cr.) A & H** Art theory from antiquity through the thirteenth century. Topics include Classical Greek and Roman art theory/early Christian art theory, or Medieval art theory: East and West. May be repeated with a different topic for a maximum of 8 credit hours.

**FINA–A 472 Art Theory II (4 cr.) A & H** Art theory of the late Middle Ages and the Renaissance. Topics include fourteenth- and early-fifteenth-century art theory in Italy and fifteenth-century art theory in Florence. May be repeated with a different topic for a maximum of 8 credits.

**FINA–A 473 Art Theory III (4 cr.) A & H** Art theory of the seventeenth and eighteenth centuries. Topics include eighteenth-century background in romanticism; England and Germany or classicism and romanticism; 1750–1850 England and France. May be repeated once with a different topic for a maximum of 8 credit hours.

**FINA–A 474 Art Theory IV (4 cr.) A & H** Art theory of the nineteenth and twentieth centuries. Topics include romanticism-realism in France, Baudelaire and romantic theory in France, nineteenth-century German art theory, or late-nineteenth-century French art theory. May be repeated once with a different topic for a maximum of 8 credit hours.

**FINA–A 483 Toys and the Visual Culture of Play (4 cr.)** Examines how cultures define the visual scope and nature of play. The primary objective is to arrive at a set of critical terms and skills, mated to a general historical awareness, with which to discuss this elusive subject.

### General

**FINA–A 300 Topics in Art History (1–3 cr.) R:** FINA A102. Specialized topics in the study of art history. May be repeated with different topics for a total of 6 credit hours.

**FINA–A 372 History of Portraiture (3 cr.) S & H** Interpretive analysis of portraiture from ancient Egypt to the seventeenth century in western Europe.

**FINA–A 390 Museum Studies I: Methods, History, Issues (3 cr.)** Introduction to basic workings of an art museum: the history of museums, collection management, cataloging of objects. The course works closely with the IU Art Museum and its staff and, where applicable, with staff from other museums nearby.

**FINA–A 391 Museum Studies II: Museum Exhibitions (3 cr.)** Exhibitions in art museums: conception and development, budget, funding, catalogue writing and production, education and publicity. Students work with a chosen group of museum objects, normally at least partly from the IU Art Museum; the group of objects varies by course topic. Students will receive practical experience by involvement in all aspects of exhibition preparation.

**FINA–A 396 Foreign Study in History of Art (1–9 cr.)** Intended only for students participating in IU Overseas Study Program; all fine arts majors are required to obtain prior approval from undergraduate history of art advisor. May be repeated for a total of 9 credit hours.

**FINA–Y 398 Professional Practice in Fine Arts (1–6 cr.) P:** Junior standing, approval of the undergraduate advisor. Supervised, career-related work experience in a cooperating institution, agency, or business. Evaluation by employer and the undergraduate advisor. Does not count toward distribution or fine arts requirements. A maximum of 6 credit hours may be earned in Y398.

**FINA–A 400 Senior Seminar (4 cr.)** Intensive examination of selected topics in art history. Open only to art history majors or with consent of instructor. May be repeated once with a different topic.

**FINA–A 476 History of Print (4 cr.) S & H** History of printmaking from the earliest woodcuts and engravings (c. 1400) through the revival of wood engraving and the invention of lithography around 1800. Study of history of printmaking processes and the function of prints, the development of graphic conventions, and the styles of individual masters such as Dürer, Glotzius, Rembrandt, Goya, etc.

**FINA–A 481 The Worlds of Art History: Academic, Museum, Commercial (4 cr.) P:** Art history juniors and seniors. An introduction for art history majors to the three main realms of the professional art historian: academia (colleges and universities), museums, and commerce (galleries, auction houses, appraisal, and corporate work). Exploration of the various ways in which art historical skills and knowledge prepare one for interesting and rewarding careers. Field trips required.

**FINA–A 482 Sixteenth-Century Visual Culture in Northern Europe (4 cr.) A & H** Major themes and images from the Renaissance in England, France, Germany, and the Low Countries. Discussion of such notable painters and sculptors as Hieronymus Bosch, Pieter Bruegel the Elder, Albrecht Dürer, Jan Gossaert, Quentin Massys, Antonis Mor, and Veit Stoss. Issues include landscape and vicarious travel, assertions of artistic and intellectual self-sufficiency, forms of visual play, and the relationship between print and interpretive conflict.

**FINA–A 490 Topics in Art History (4 cr.; max of 12 cr.)** P: Senior or graduate standing or consent of instructor. Topic varies with the instructor and year and will be listed in the online Schedule of Classes. May be repeated twice for credit with different topics.

**FINA–A 495 Readings and Research in Art History (1–4 cr.; max of 8 cr.) P:** Consent of instructor. May be repeated for a total of 8 credit hours.

**FINA–A 499 Senior Honors Thesis (4 cr.) P:** Approval of departmental honors committee.

### Studio

#### Introductory Courses

**FINA–F 100 Fundamental Studio—Drawing (3 cr.) A & H** Development of visual awareness and coordination of perceptual and manual skills; seeing, representing, and inventing on an experimental, exploratory level in two dimensions. Includes placement, scale, volume, light,



formal articulation, and investigations of graphic tools and media.

**FINA-F 101 Fundamental Studio—3D (3 cr.) A & H**  
Volume, space, material, and physical force studies provide the basis for exploration of three-dimensional form; includes carving, construction, and modeling, using wood, plaster, clay, etc.

**FINA-F 102 Fundamental Studio—2D (3 cr.) A & H**  
Color, shape, line, and value structures are studied as the basis for exploration of two-dimensional spatial relationships; includes investigation of conventional and invented tools and media.

**FINA-N 110 Introduction to Studio Art for Nonmajors (3 cr.) A & H**  
Introduction to the visual language of the studio arts. Students learn and apply the basic elements of design and begin to understand the principles of organization. Through the exploration of a variety of two-dimensional and three-dimensional media (drawing, painting, wire, and clay) students become familiar with basic techniques used to develop art works.

### Ceramics

**FINA-S 260 Ceramics I (3 cr.) A & H**  
A limited introduction to handbuilding, throwing, glaze mixing, and glaze application, including lectures on basic ceramic techniques. Critiques of student work.

**FINA-S 361 Ceramics II (3 cr.) P: S260. A & H**  
Continued practice in forming and glazing, with emphasis on handbuilding and throwing, surface design, and kiln firing. Instruction through lectures, demonstrations, and critiques. May be repeated once.

**FINA-S 461 Ceramics III (arr. cr.) P: 6 credit hours in ceramics or consent of the instructor.**  
Further practice in advanced ceramic techniques. Instruction through lectures, demonstrations, and critiques. Topics vary by instructor and semester. Consult the online Schedule of Classes for current information on content. May be repeated with different topics/instructors for a total of 20 credit hours.

**FINA-S 462 B.F.A. Ceramics (arr. cr.) P:**  
Admission to the B.F.A. program in ceramics. Directed advanced study and production of a body of work leading to an exhibition. Students meet independently with instructor and in groups for critiques and lectures to maintain a dialogue with contemporary issues and to provide technical advice. May be repeated for a total of 60 credit hours.

**FINA-S 469 B.F.A. Ceramics Seminar (1 cr.)**  
P: Admission to the B.F.A. program in ceramics. Discussions, critiques, and research projects in ceramic art. Required each semester for B.F.A. candidates in ceramics. May be repeated for a total of 10 credit hours.

**FINA-R 478 History of Ceramics (3 cr.)**  
Emphasis on the historical development of pottery in individual cultures, as well as how one culture's pottery has influenced another's. No credit in History of Art.

### Digital Art

**FINA-N 130 Digital Imagery for Nonmajors (3 cr.)**  
Lecture course introduces nonmajors to the fundamental practice of creating art imagery using digital software. Demonstrations and optional hands-on lab sessions emphasize technical production in Photoshop and

Illustrator. Art projects created in Photoshop and lecture topics focus on aesthetic approaches and issues facing artists working in contemporary digital imaging.

**FINA-D 210 Digital Art: Survey and Practice (3 cr.) A & H**  
Beginning class on digital media's role in the world of art production and reception. Class emphasizes learning to use digital media to produce original, creative art work. Topics include digital imaging, communicative art, and interactivity. Credit given for only one of D210 or T230.

**FINA-D 310 Interactive Multimedia (3 cr.) P:**  
D210 or T230, and portfolio review. A study of the principles and fundamental techniques for creating multimedia projects that explore their potential for critical artistic expression. The course will examine issues specific to onscreen interaction and time-based media. Tools such as Flash, Dreamweaver, and other supporting programs will be covered. Credit given for only one of D310 or T330.

**FINA-D 317 Video Art (3 cr.) P:**  
F100, F101 or F102 or D210, or portfolio review. **A & H** Exploration of the medium of video as an aesthetic expression. Time and sound are elements incorporated into visual composition's traditional concerns. Emphasis on technical command of video camera and digital editing procedures in conjunction with development of a visual sensitivity. Readings and a research project are required. Credit given for only one of D317 or T320.

**FINA-D 318 3D Computer Graphics (3 cr.) P:**  
Consent of the instructor. Hands-on studio course exploring the technical development of three-dimensional computer graphics for state-of-the-art display systems. Students will investigate user-interface design, create 3D graphical environments, and explore the parallel drives toward content creation and visual aesthetics. Credit given for only one of D318 or T340.

**FINA-D 410 Advanced Multimedia (1–6 cr.) P:**  
D310 or T330, and permission of instructor. A broad range of aesthetic and conceptual issues related to digital material and electronic interactivity. Students are encouraged to develop art projects using digital multimedia, video, hypertext, or the incorporation of object-based media. Dialogue of timely issues through readings, screenings, Web sites, and gallery visits. May be repeated for a combined maximum of 20 credit hours in D410 and T430.

**FINA-D 411 B.F.A. Digital Art Seminar (1 cr.)**  
P: Admission into the B.F.A. program in digital art. Weekly or biweekly seminar that includes critiques of student work, discussion of special topics, assigned readings, multimedia lectures, visiting artist lectures, and special research projects. May be repeated for a maximum of 10 credit hours.

**FINA-D 412 B.F.A. Digital Art (1–6 cr.) P:**  
Admission into the B.F.A. program in digital art. Directed, advanced study and production of a body of work leading to B.F.A. exhibition. Students meet independently with instructor and in group critiques to maintain a dialogue and provide technical advice. May be repeated for a maximum of 60 credit hours.

**FINA-D 417 Digital Video (1–6 cr.) P:**  
D317 or T320. Advanced study of video's potential in contemporary fine art practice. Students will create a new visual vocabulary

using the latest technology including high-definition video systems and interactive DVD authoring. Covers special effects and animation programs that allow artists to further explore the aesthetics of time-based media. May be repeated for a combined maximum of 20 credit hours in D417 and T420.

**FINA-D 418 Computer Graphical Environments (1-6 cr.)** P: Consent of instructor. Students develop 3D graphic environments to visualize and conceptualize creative constructs for virtual environments, explore art and spatial simulation, including animation, interaction, lighting, and design. Dialogue of timely issues is encouraged based on readings, videos, CD-ROMs and visits to galleries, Web sites and alternative spaces. May be repeated for a combined maximum of 20 credit hours in D418 and T440.

**FINA-D 419 Special Topics in Digital Art (3 cr.)** P: D210 or T230, and permission of instructor. Special topics in computer-related art production. May be repeated for a combined maximum of 6 credit hours in D419 and T338.

**FINA-T 439 Advanced Digital Media Project (2-6 cr.)** Independent project of digital media under the supervision and consultation of the instructor. May be repeated for a maximum of 12 credit hours.

### Drawing

**FINA-S 200 Drawing I (3 cr.)** P: F100, F101, and F102. **A & H** Preliminary course for advancement in drawing, stressing basic visual awareness; seeing, representing, and technical command on a two-dimensional surface. Problems in handling placement, scale, space, volume, light, and formal articulation.

**FINA-S 301 Drawing II (3 cr.)** P: S200. **A & H** Intermediate course in drawing from the model and other sources. Emphasis on technical command of the media in conjunction with the development of a visual awareness. Continued problems in the articulation of space, scale, volume, value, and linear sensitivity. May be repeated once.

**FINA-S 401 Drawing III (arr. cr.)** P: S301. Advanced drawing. Continuation of S301. May be repeated for a total of 20 credit hours.

**FINA-S 403 Anatomy for the Artist (3 cr.)** P: F100, S200. Intensive lecture/studio course describing all of the bones and muscles of the body. The emphasis is on joint movement and proportion. The areas of the body are divided into 3D mass conception, bone and muscle description, and joint description. Students draw from the skeleton, plaster cadaver casts, and the human figure.

**FINA-S 405 B.F.A. Drawing (arr. cr.)** Concentrated tutorial in the drawing craft. Craftsmanship, content, and personal style are stressed. May be repeated for a total of 60 credit hours.

### Textiles

**FINA-S 220 Textiles I (3 cr.)** **A & H** An introduction to textiles and fiber-related techniques and concepts. This survey course investigates a variety of materials and processes including resist dyeing, printing, and felting, emphasizing the expressive potential of each of these techniques through demonstrations, lectures, and critiques.

**FINA-S 321 Textiles II (3 cr.)** P: S220 or instructor permission. **A & H** Expands students' technical, creative, and critical abilities when working with textile-related materials, processes, and concepts. Rotating semester topics include resist-dyeing, repeat-pattern design, screenprinting, weaving, pieced construction, single-line and off-loom construction. May be repeated for a maximum of 6 credit hours.

**FINA-S 421 Textiles III (arr. cr.)** P: S321. A continued exploration of textile-related materials, processes, and concepts with an emphasis on independent investigation and production. May be repeated for a total of 20 credit hours.

**FINA-S 422 B.F.A. Textiles (arr. cr.)** Intensive study in textile-related materials, processes, and concepts through the production of a body of work reflecting the student's individual interests. Regular individual meetings and group critiques are planned to foster dialogue and provide additional support. May be repeated for a total of 60 credit hours.

### Graphic Design

**FINA-S 250 Introduction to Design Practice (3 cr.)** P: F100, F101, F102. **A & H** Drawing and perception in the history and practice of visual communication, including a basic introduction to the field and exercises with pencil, marker, computer, and other tools, to produce symbols, letter forms, and symbol-letter combinations.

**FINA-S 351 Typography I (3 cr.)** P: S250 and consent of instructor. **A & H** Studies in visual communication with an emphasis on typography, including measurement and structure, detail and refinement, hierarchy and legibility, tools, and application to various media in digital and print formats. An introduction to type history, aesthetics and analysis are also considered.

**FINA-S 352 Production for the Graphic Designer (3 cr.)** P: S351 and consent of instructor. **A & H** A thorough set of practical exercises that combine design projects with related information about both presentation of ideas and printing of finished designs.

**FINA-S 451 Graphic Design Problem Solving (arr. cr.)** P: S352 and consent of instructor. Professional problem solving in graphic design. Using a variety of mediums to communicate messages, students apply processes from printing to multimedia as appropriate for directed projects. May be repeated for a total of 20 credit hours.

**FINA-S 452 B.F.A. Graphic Design (arr. cr.)** Directed, advanced study in graphic design. See description of B.F.A. program for studio majors. May be repeated for a total of 60 credit hours.

**FINA-S 455 Practice and History of Graphic Design (3 cr.)** P: S250, S351, S352, and consent of instructor. Examines the history of graphic design with a focus on Western Civilization and comparisons to other cultures. Design projects and reports by students provide graphic design experience and reflection on the historical topics covered.

**FINA-S 459 Graphic Design Advanced Seminar: Topics in History, Theory, and Criticism (3 cr.)** P: FINA S352 and permission of instructor. Background on major graphic design movements, the design of the alphabet and type styles, the use of tools (printing press, wood

cut, engraving, camera, airbrush, computer). Social and political forces such as industrial development and nationalism will be considered. Writings of theorists and historians will be reviewed. Recommended for B.F.A. students in graphic design. May be repeated for a total of 12 credit hours.

### **Metalsmithing and Jewelry Design**

**FINA-S 280 Metalsmithing and Jewelry Design I (3 cr.)** P: F101, F102, or consent of instructor. **A & H** Introductory course for exploring metalworking and jewelry design as a serious form of creative expression. Focuses on the basic techniques of piercing of metals, soldering, sheet metal construction, surface embellishment, mechanical joining, wire forming and forging, stretching of sheet metals, and various metal finishing techniques.

**FINA-S 381 Metalsmithing and Jewelry Design II (3 cr.)** P: S280. **A & H** Extensive designing and model making for exploring forms and ideas in metal and mixed media, either as jewelry, hollowware objects, flatware, tea strainers and infusers, boxes, or small-scale sculpture. Focus on techniques of angle raising, repoussé and chasing, forging of flatware, stone setting, and lost-wax casting, jewelry mechanisms, hinge making, and patination of metals. May be repeated for a maximum of 6 credit hours.

**FINA-S 481 Metalsmithing and Jewelry Design III (arr. cr.)** P: S381. Improves and expands knowledge and skill in metalsmithing and jewelry design. Guidance toward developing a personal direction of creative expression, artistic aesthetic, and art philosophy. Advanced techniques include large-scale vessel forming from sheet metal, large-scale soldering, die forming, jewelry mechanisms, chain making, chasing and repoussé, enameling, stone cutting, PNP etching, and working with alternative materials. May be repeated for a total of 20 credit hours.

**FINA-S 482 B.F.A. Metalsmithing and Jewelry Design (arr. cr.)** P: Admission to the B.F.A. program in metalsmithing, formal review of work. Mentor-directed, independent study in jewelry and metalsmithing leading to the development of a professional portfolio and a B.F.A. thesis exhibition. Creation of a cohesive body of work for application to graduate school or to begin working as a professional metalsmith or jeweler. May be repeated for a total of 60 credit hours.

**FINA-S 485 B.F.A. Metalsmithing Seminar (1 cr.)** P: Admission to the B.F.A. program in metalsmithing. Seminar in metalsmithing and jewelry design that includes critiques of students' work, discussion of readings, special projects, slide lectures, technical demonstrations, visiting artist lectures, and exhibitions. Guidance toward developing a personal direction of creative expression, artistic aesthetic, and art philosophy. May be repeated for a total of 10 credit hours.

### **Painting**

**FINA-S 230 Painting I (3 cr.)** P: F100, F101, and F102. **A & H** Preliminary course for advancement in painting; exploring technical and visual aspects of color media. Emphasis on media command and structural problems in painting. Media: oil and acrylics.

**FINA-S 331 Painting II (3 cr.)** P: S230. **A & H** Intermediate course in painting from the model and

other sources. Emphasis on technical command and understanding of the components of painting space, color, volume, value, and scale. Media: oil or acrylics. May be repeated once.

**FINA-S 431 Painting III (arr. cr.)** P: S331. Advanced course in painting. Continuation of S331. May be repeated for a total of 20 credit hours.

**FINA-S 432 B.F.A. Painting (arr. cr.)** P: S431. Concentrated studio projects within the framework of the B.F.A. painting program. (See description of the B.F.A. program.) May be repeated for a total of 60 credit hours.

**FINA-S 439 B.F.A. Painting Seminar (1 cr.)** Advanced study in painting. Weekly review of student work with attention to content, craftsmanship, intent, and resources. Periodic discussions of art history with slide material to illustrate painting problems and concepts. Group participation stressed. Open to B.F.A. painters only. May be repeated for a total of 10 credit hours.

### **Photography**

**FINA-N 198 Introduction to Photography for Non-Majors (3 cr.)** **A & H** For those who use digital single lens reflex (SLR) cameras and do not require darkroom expertise. Covers basic camera operations, composition, color, lighting, visual communication, and aesthetics. Considers journalism, commercial, and fine art photography. Also discusses new imaging technology. A digital camera is required.

**FINA-S 291 Fundamentals of Photography (3 cr.)** **A & H** Basic practice of camera operation, exposure calculation, exposing, printing, and enlarging monochrome photographs. Guidance toward establishment of a personal photographic aesthetic.

**FINA-S 392 Intermediate Photography (3 cr.)** P: S291 or consent of instructor. **A & H** Practice of black-and-white photography: camera work, darkroom practices, appreciation of photographs, and experience in expressive use of the medium.

**FINA-S 490 Advanced Photography I (3 cr.)** P: S392 and consent of instructor. May be repeated for a total of 60 credit hours.

**FINA-S 491 Advanced Photography II (arr. cr.)** P: S392 and consent of instructor. May be repeated for a total of 20 credit hours.

**FINA-S 492 B.F.A. Photography (arr. cr.)** May be repeated for a total of 60 credit hours.

### **Printmaking**

**FINA-S 240 Basic Printmaking Media (3 cr.)** **A & H** Introduction to printmaking. Emphasis on three basic media: intaglio, lithography, and silk screen. Problems in pictorial composition and drawing. Study of the interrelationships of all graphic media.

**FINA-S 341 Printmaking II—Intaglio (3 cr.)** P: S240. **A & H** Advanced study with emphasis on intaglio. Problems in pictorial composition and drawing stressed.

**FINA-S 343 Printmaking II—Lithography (3 cr.)** P: S240. **A & H** Advanced study with emphasis on lithography. Problems in pictorial composition and drawing stressed.

**FINA-S 344 Printmaking II—Silk Screen (3 cr.)** P: S240. **A & H** Advanced study with emphasis on lithography. Problems in pictorial composition and drawing stressed.

**FINA-S 441 Printmaking III—Intaglio (arr. cr.)** P: S341. Advanced work in intaglio for qualified students. This course is also open for non-M.F.A. printmaking students on the graduate level. May be repeated for a total of 20 credit hours.

**FINA-S 442 B.F.A. Printmaking (arr. cr.)** Directed study in printmaking. May be repeated for a total of 60 credit hours.

**FINA-S 443 Printmaking III—Lithography (arr. cr.)** P: S343. Advanced work in lithography for qualified students. This course is also open for non-M.F.A. printmaking students on the graduate level. May be repeated for a total of 20 credit hours.

**FINA-S 444 Printmaking III—Silk Screen (arr. cr.)** P: S344. Advanced work in silk screen for qualified students. This course is also open for non-M.F.A. printmaking students on the graduate level. May be repeated for a total of 20 credit hours.

**FINA-S 445 Relief Printmaking Media (1–3 cr.)** P: S240 or consent of instructor. Relief printmaking media: woodcut, linocut, monotype, and collograph. Students create prints in each medium in both black-and-white and color using a variety of traditional and innovative techniques such as photo and the computer. May be repeated for a total of 20 credit hours.

**FINA-S 449 B.F.A. Printmaking Seminar (2 cr.)** Open to B.F.A. printmakers. Required each semester. Seminars will have different topics taught by printmaking faculty on a rotating basis. Special printmaking projects, critiques, and artists' lectures related to the field of printmaking. Historical, technical, and conceptual issues discussed. May be repeated with different topics for a total of 20 credit hours. Group critiques held once a month as part of the seminar.

### **Sculpture**

**FINA-S 270 Sculpture I (3 cr.)** P: F101. **A & H** Foundation in basic technical and formal methods of traditional and contemporary sculpture. Use of tools and equipment for additive and subtractive techniques including wood construction, steel fabrication, clay modeling, plaster mold making and cold casting, and assemblage. Emphasis placed on technical execution, conceptualization, and creative problem solving.

**FINA-S 271 Introduction to Figurative Sculpture (3 cr.)** **A & H** Figurative sculpture has been the traditional method of introducing students to form, space, and proportion in sculpture. Students work from the model with clay, creating sculpture from observation.

**FINA-S 371 Sculpture II (3 cr.)** P: S270 or consent of instructor. **A & H** Development of skills in both traditional and contemporary sculpture methodology. Rotating semester topics may include figurative sculpture, carving, casting, steel/wood construction, computer-aided machining and rapid prototyping, installation art, and public art. Emphasis on the exploration of ideas through the sculptural form and knowledge of materials and

historical traditions. May be repeated for a maximum of 6 credit hours.

**FINA-S 471 Sculpture III (arr. cr.)** P: S371 or consent of instructor. Advanced work in sculpture for qualified students working in the chosen materials. The course focuses on the development of ideas as manifest in sculptural form. May be repeated for a total of 20 credit hours.

**FINA-S 472 B.F.A. Sculpture (1–7 cr.)** Production of a body of work reflecting the student's specific interests. Students meet independently with professor and in group critiques to maintain a dialogue and provide technical advice. Open to B.F.A. degree majors only. May be repeated for a total of 60 credit hours.

**FINA-S 479 B.F.A. Sculpture Seminar (1 cr.)** P: Admission into the B.F.A. sculpture program. Weekly critiques, assigned readings, discussions, slide lectures, and special research projects. May be repeated for a total of 10 credit hours.

### **General**

**FINA-G 400 B.F.A. Final Review (No cr.)** Final portfolio review for B.F.A. program.

**FINA-U 201 Special Topics in Studio Art (1–3 cr.)** Selected introductory-level topics not ordinarily covered in other studio art courses. May be repeated once with a different topic for a maximum of 6 credit hours.

**FINA-U 301 Special Topics in Studio Art (1–3 cr.)** Selected intermediate-level topics not ordinarily covered in other studio art courses. May be repeated once with a different topic for a maximum of 6 credit hours.

**FINA-U 400 Sources and Resources: Professional Skills in Fine Arts (1–3 cr.)** P: B.F.A. major or advanced B.A. studio art major. Focuses on building professional skills for careers in art. Seminar format will be structured to foster individual growth and insight in understanding both conceptual and practical concerns of choosing to be an artist. May be repeated with different topics for a total of 6 credit hours.

**FINA-U 401 Special Topics in Studio Art (1–3 cr.)** Selected topics in studio art not ordinarily covered in other departmental courses. May be repeated once with a different topic.

**FINA-U 402 Technical Resources in Studio Art (1–3 cr.)** Special aspects of studio training in the various disciplines focusing on technical and safety issues of equipment use and/or chemical substances. May include advanced aspects of technologies in studio areas and preparation for use of facilities in independent studio projects. May be repeated once with a different topic.

**FINA-R 408 Contemporary Art Issues and Cultural Themes (3 cr.)** Focus is on artwork from 1980 to the present. Historical references and cultural theory are considered to provoke thoughts about the intersections between art and culture.

**FINA-U 450 Independent Studio Projects (cr. arr.; max of 12 cr.)** Individual studio projects under guidance of faculty member or committee. Does not fulfill a specific course requirement for a fine arts major.

# Folklore and Ethnomusicology

## Introduction

The folklore/ethnomusicology major includes the study of performance, specific cultures and regions, human diversity and worldview, and research methods. Folklore and ethnomusicology emphasize fieldwork methods to learn how societies function. Fieldwork involves documenting and learning about people's lives, expressions, and beliefs in context. Through the study of different social groups and cultures, students gain skills in observation, analysis, documentation, reporting, and multicultural understanding. The study of folklore and ethnomusicology taps capacities we possess as human beings and develops the qualities we need to be informed and responsible people.

Many courses in folklore and ethnomusicology fulfill distribution and culture studies requirements. There are opportunities for direct student-faculty contact through individual and collaborative research, such as fieldwork projects, specially designed readings courses, internships in arts and cultural organizations, and performance. Students may make use of the department's archives and state-of-the-art laboratory for sound-video analysis and production.

"Folk" can refer to any group of people—from any economic, religious, generational, or ethnic background—who share a common interest. As a form of communication, folklore is created when people interact with one another. "Lore" represents the knowledge and artistry of a group in forms such as stories and jokes, art, architecture, music, dance, custom, belief, ritual, and festival. Folklore interprets, diffuses, or incites pressure points in modern society.

Ethnomusicology is the study of music of all types and from all cultures. Ethnomusicologists not only listen to the sounds of music within particular cultures and events but also inquire into people's ideas and beliefs about music. Ethnomusicology explores the role of music in human life, analyzes relationships between music and culture, and studies music cross-culturally.

## Contact Information

Folklore and Ethnomusicology  
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[folklore@indiana.edu](mailto:folklore@indiana.edu)

[www.indiana.edu/~folklore](http://www.indiana.edu/~folklore)

## Faculty

### Chairperson

- Associate Professor Jason Baird Jackson

### Director, Folklore Institute

- Associate Professor Jason Baird Jackson

### Director, Ethnomusicology Institute

- Professor Mellonee Burnim

## College Professor

- Henry H. Glassie (Emeritus)

## Distinguished Professors

- Richard Bauman (Emeritus)
- Linda Dégh (Emerita)

## Professors

- Mary Ellen Brown (Emerita)
- Mellonee Burnim
- Sandra K. Dolby (Emerita)
- Hasan M. El-Shamy
- Diane Goldstein
- William Hansen (Emeritus, Classical Studies)
- Roger L. Janelli (Emeritus)
- Portia K. Maultsby
- John H. McDowell
- Lewis Rowell (Emeritus, Music)
- Beverly J. Stoeltje (Anthropology)
- Ruth M. Stone
- William Wiggins, Jr. (Emeritus, African American and African Diaspora Studies)

## Associate Professors

- Jason Baird Jackson
- John W. Johnson (Emeritus)
- Daniel B. Reed
- Gregory A. Schrempf
- Pravina Shukla

## Assistant Professors

- Judah Cohen
- Michael Dylan Foster
- Javier León
- David Anthony McDonald

## Adjunct Professors

- John Bodnar (History)
- Raymond DeMallie (Anthropology)
- Iris Rosa (African American and African Diaspora Studies)
- Anya Peterson Royce (Anthropology)

## Adjunct Associate Professors

- Michael Evans (Journalism)
- Jane E. Goodman (Communication and Culture)
- Stephanie C. Kane (Criminal Justice)
- Susan Seizer (Communication and Culture)

## Adjunct Assistant Professor

- Lynn M. Hooker (Hungarian Studies)

## Associate Scholar

- Inta Gale Carpenter (Emerita)

## Senior Lecturers

- Fernando Orejuela
- Sue Tuohy

## Director of Undergraduate Studies

- Pravina Shukla, 506 N. Fess Avenue, (812) 856-1715

## Academic Advising

- Krystie Herndon, Fine Arts 136, (812) 855-1056

## Major in Folklore and Ethnomusicology

### Purpose

The major provides students with a liberal arts background, preparing them for a range of careers, including those involving the arts, education, historic preservation, communication, cross-cultural understanding, and human diversity and relations. Upon entering the program, the student and undergraduate advisor plan an individualized program of study. Majors may focus on either ethnomusicology or folklore, or a combination of the two.

### Required Courses

Students must complete a minimum of 30 credit hours in folklore and ethnomusicology courses, including:

1. F401 Methods and Theories.
2. F497 Advanced Seminar.
3. Two 300-level courses.
4. One additional 400-level course.
5. No more than 6 credit hours at the 100 level.
6. A maximum of two approved courses from other disciplines for students completing a single major in folklore. Students completing a double major must consult with advisors in each major regarding stipulations.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Double Major

Students may combine the study of folklore and ethnomusicology with degrees in other departments. The requirements for the Major in Folklore and Ethnomusicology are the same for the double major as for the single major.

## Minor in Folklore and Ethnomusicology

### Required Courses

Students must complete at least 15 credit hours in folklore and ethnomusicology courses, including:

1. F401 Theories and Methods.
2. One 300-level course.
3. Three additional courses with a maximum of two at the 100 level.

## Departmental Honors Program

Outstanding students pursuing a major in Folklore and Ethnomusicology are encouraged to apply for the departmental honors program, which provides students with the opportunity to pursue an in-depth research project under the close supervision of a faculty member.

Interested students should consult with the Honors Program Advisor (the Director of Undergraduate Studies) about the full procedures for applying to the departmental honors program and choosing a Thesis Director. To be eligible for admission, a student must have a 3.500 GPA in Folklore and Ethnomusicology and a 3.300 GPA in university courses.

To graduate with departmental honors in Folklore and Ethnomusicology, students must:

- compile a 3.500 GPA in Folklore and Ethnomusicology and a 3.300 GPA in university courses;
- fulfill all of the requirements for a major in Folklore and Ethnomusicology;
- complete—in addition to the requirements for the major—FOLK-F 399 Reading for Honors (3 cr.) and FOLK-F 499 Honors Thesis (3 cr.), preferably sequentially;
- submit a 35–50 page thesis or project to a three-person committee;
- present the thesis or project at an oral defense.

## Course Descriptions

Note: Prerequisites for any 300- or 400-level course are indicated in the online *Schedule of Classes* when the course is offered. If no prerequisite or special permission is indicated, the student may assume that none is required.

**FOLK-F 101 Introduction to Folklore (3 cr.) A** A view of the main forms and varieties of folklore and folk expression in tales, ballads, gestures, beliefs, games, proverbs, riddles, and traditional arts and crafts. The role of folklore in the life of human beings.

**FOLK-F 111 World Music and Culture (3 cr.) A & H** Introduction to ethnomusicology and the cross-cultural study of music and culture. Explores music, performance, and ideas from around the world. Analyzes the role music plays in human life, including a variety of social, political, and personal contexts. Music training is not required.

**FOLK-E 112 Black Music of Two Worlds (3 cr.) A & H, CSA** An exploration of the relationships among musics of West and Central African people and their descendants in the United States, Latin America, and the Caribbean. Emphasis placed on the conceptual and aesthetic continuities between musical expression in Old and New World contexts—a uniformity which exists because of shared African cultural ancestry. Credit given for only one of FOLK E112, FOLK F112, or AAAD A112.

**FOLK-F 121 World Arts and Cultures (3 cr.) S & H** Surveying the customary arts of the world's peoples offers a means of comprehending the human condition today. This course explores how culture is made manifest, especially in such media as landscapes, architecture, material culture, and expressive performances. A sampling of world arts, it also provides an introduction to folklife studies.

**FOLK-F 131 Folklore in the United States (3 cr.) A & H** Folklore and traditional expressive behavior in the United States. Traditional arts, ideas, and practices of folk groups in the United States, including ethnic, occupational, regional, and religious groups.

**FOLK-F 205 Folklore in Video and Film (3 cr.) A & H, TFR** Acquaints students with a few of the current systems of folk belief diffused, reinforced, and, in some cases, originated by film and video, both in the form of the documentary and the feature-length drama. Aids students in the process of thinking and writing critically about the content, meaning, and social function of these modern forms of information systems.

**FOLK-F 210 Myth, Legend, and Popular Science (3 cr.) S & H** Compares three genres—myths, legends, and

popular science—and asks about the ways in which they converge and diverge, and about the features of each that might lead us to believe their claims.

**FOLK–F 215 Health and Morbidity in Traditional Cultures (3 cr.) S & H** Focuses on concepts of health and illness in traditional cultures and societies. Addresses a variety of cross-cultural situations from the East and the West; special emphasis on Middle Eastern Arab traditions (Muslim, Christian, and Jewish). A student may conduct research on a traditional community in any part of the world.

**FOLK–F 225 Forms of Commemoration (3 cr.) A & H** Examines forms of commemoration in order to define their essential features and to describe how they operate in society. Highlights folk commemoration, those informal modes of remembrance that are a part of community tradition.

**FOLK–F 230 Music in Social Movements (3 cr.) S & H** Examines music in sociopolitical movements, ranging from political and cultural revolutions to government-sponsored campaigns, environmental, and social activism. Explores concepts about the transformative power of music and of organized groups of people, analyzing the practices of movements aimed at changing perception and behavior.

**FOLK–F 235 Personal Narratives: A Course in Folklore and Literature (3 cr.) A & H** Examines how writers and oral storytellers use personal experience narratives. Though personal narratives are not traditional, they can be studied using the concepts and methods developed to study both folklore and literature.

**FOLK–F 252 Folklore and the Humanities (3 cr.) A & H** Basic theoretical approaches to the study of folklore, emphasizing the relationship to other humanistic disciplines such as literary and religious studies and history. May be repeated for a total of 6 credits when topics vary.

**FOLK–F 253 Folklore and the Social Sciences (3 cr.) S & H** Basic theoretical approaches to the study of folklore, emphasizing the relationship to other social science disciplines such as semiotics and anthropology. May be repeated for a total of 6 credits when topics vary.

**FOLK–F 275 Indigenous Worldviews (3 cr.) S & H, CSA** A survey of some basic aspects of indigenous lifeways, this course introduces comparative cultural analysis, providing a foundational course for those interested in thinking about how others think and how we think about otherness. Students will examine mythology, ritual, health, art, and philosophy within the context of colonialism and globalization.

**FOLK–F 290 Myth, Ritual, Symbol (3 cr.) S & H** Regardless of culture or religion, the triad of myth, ritual, and symbol encompass the ways all humans come to understand their societies and themselves. This class offers a cross-cultural, humanistic, and interdisciplinary approach to learning how we believe and know through stories, ceremonies, and art.

**FOLK–E 295 Survey of Hip Hop (3 cr.) A & H, CSA** Examines rap music and hip hop culture as artistic and sociocultural phenomena with emphasis on historical, cultural, economic, and political contexts. Topics include the coexistence of various hip hop styles, their

appropriation by the music industry, and controversies resulting from the exploitation of hip hop as a commodity for national and global consumption. Credit given for only one of FOLK E295, FOLK F295, and AAAD A295.

**FOLK–E 297 Popular Music of Black America (3 cr.) A & H, CSA** A chronological survey of Black popular music from 1945–2000: rhythm and blues, soul, funk, disco, hip hop, and their derivative forms. Emphasis placed on the context for evolution and the contributions of African Americans to the development of a multibillion dollar music industry. Credit given for only one of FOLK E297, FOLK F397, AAAD A297, or AAAD A397.

**FOLK–F 301 African Folklore/Folklife/Folk Music (3 cr.) A & H, CSA** Folklore, folklife, or folk music as aspects of African culture. The functions of folklore forms and performances within traditional societies and emergent nations. May be repeated once when topics vary.

**FOLK–E 302 Music in African Life (3 cr.) A & H, CSA** Study of how Africans create, perform, think about, and use music in their lives. Topics include traditional and popular musical styles in relationship to social and historical contexts, as well as translocal, transnational, and global cultural and musical exchanges in which Africans participate.

**FOLK–F 305 Asian Folklore/Folklife/Folk Music (3 cr.) A & H, CSA** Forms and functions of folklore, folklife, or folk music in the traditional and developing societies of Asia. Folklore as a reflection of culture. Relationship between folklore forms and belief systems in Asia. May be repeated once when topics vary.

**FOLK–F 307 Middle Eastern Folklore/Folklife/Folk Music (3 cr.) A & H, CSA** Folk traditions of the Arabic, Persian- and Turkish-speaking peoples, including folk festivals, rituals, folk dances, music, theatre, and verbal behaviors; the influence of Islam. May be repeated for a total of 6 credits when topics vary.

**FOLK–F 308 Middle Eastern and Arab Mythology (3 cr.) A & H** Examines “mythological” belief systems and related manifestations that exist as quasi-formal religious ideologies in Middle Eastern communities. Emphasis is placed on Arab groups and Islam-based ideologies. (Other groups may be selected for the student’s research. Arabic language may be selected on individual basis for reading/research.)

**FOLK–F 312 European Folklore/Folklife/Folk Music (3 cr.) A & H, CSB** Expressions of regional cultures and emerging nations of Europe. Social functions of folklore and folk music in rural and urban communities. May be repeated for a total of 6 credits when topics vary.

**FOLK–F 315 Latin American Folklore/Folklife/Folk Music (3 cr.) A & H, CSA** Cultural and functional analysis of traditional folklore or music genres developed in the cultures of Latin America. Emphasis on origin and the diffusion of folklore, folklife, and folk music as well as the peoples. May be repeated once when topics vary.

**FOLK–F 320 Pacific Folklore/Folklife/Folk Music (3 cr.) A & H, CSA** Folklore, folklife, music, and dance of Australia, New Zealand, and native Oceanic societies. Topics include the cultures of aboriginal and settler populations, retention and adaptation of aboriginal materials, and the emergence of “native” traditions among

the settler and immigrant groups. May be repeated once when topics vary.

**FOLK–F 330 Folk Culture and Related Fields (3 cr.)**  
**S & H** Studies of folk culture in relationship to other fields. Focuses on such interdisciplinary topics as folk culture in relationship to language, literature, psychology, history, religion, sociology, musicology, or anthropology. May be repeated with a different topic for a total of 6 credit hours.

**FOLK–E 345 Hip Hop Music and Culture (3 cr.)**  
**P:** Junior or senior standing. **A & H, CSA** Examines rap music as artistic and sociological phenomena with emphasis on its historical and political contexts. Credit given for only one of FOLK E345, FOLK F389, AAAD A345, or AAAD A489.

**FOLK–F 351 North American Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** Folk and popular traditions of the United States and Canada. Topics include the social base of American folklore, prominent genres of American folklore, folklife, and folk music, national or regional character, and American folk style. May be repeated once when topics vary.

**FOLK–F 352 Native American Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** Comparative examination of various verbal, musical, and dance forms of Native American societies. Consideration of cultural systems of Native Americans within the context of general American culture. May be repeated once when topics vary.

**FOLK–F 353 Native American Film and Video (3 cr.)**  
**S & H, CSA** Introduction to the study of Native American images and representations. Focuses on ethnographic, documentary, animated, and feature films from 1920 to the present. Surveying the themes of assimilation, contemporary politics, and religiosity, students will watch films, read articles, and response to both mediums critically.

**FOLK–F 354 African American Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** African American culture in the United States viewed in terms of history and social change. Folklore, folk music, and oral history as means of illuminating black culture and history. May be repeated once when topics vary.

**FOLK–F 356 Chicano Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** The folk traditions of Mexican Americans as a reflection of the historical experience and cultural identity of this people within the United States. Mexican heritage, Anglo and black influences, and the blending of these elements into a unique cultural entity. May be repeated once when topics vary.

**FOLK–F 358 Jewish Folklore/Folklife/Folk Music (3 cr.)**  
**A & H, CSA** Study of Jewish experience throughout the ages as reflected in the folklore of biblical, talmudic, and midrashic materials and in medieval and contemporary settings, including America. Analysis of folkloric expression in religion, literature, humor, music, folklife, and art. May be repeated once when topics vary.

**FOLK–F 359 Exploring Jewish Identity Today (3 cr.)**  
**S & H, CSA** When people describe what they believe, do, create, or experience as “Jewish,” what do they mean? Using multiple perspectives and multiple forms of media, we will explore how different communities—from orthodox Jews to evangelical Christians—incorporate senses of

Judaism into their cultural, religious, racial, ethnic, and artistic identities.

**FOLK–F 360 Indiana Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** Survey of folklore, folklife, or folk music of Indiana. Students are encouraged to do fieldwork in the state. May be repeated once when topics vary.

**FOLK–F 361 Traditional Arts Indiana: Documenting Indiana Traditions (3 cr.)** **CSA** Through hands-on activities, students will explore Indiana’s cultural diversity and learn cultural documentation and presentation techniques, as they identify, document, and present the traditional arts. Topics vary. Focuses each year on specific folk groups, community, or genre of Indiana folklore. May be repeated with a different topic for a total of 6 credit hours.

**FOLK–F 363 Women’s Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** Focuses on women’s folk traditions in terms of life cycle and role and explores the range of women’s occupations and related traditional knowledge. Looks at women as traditional verbal, visual, or musical artists. May be repeated once when topics vary.

**FOLK–F 364 Children’s Folklore/Folklife/Folk Music (3 cr.)** **A & H, CSA** The traditional rhymes, riddles, stories, games, folklife, or music associated with “the culture of childhood.” The role these forms play in peer-group activity and in the social and cognitive development of the child. May be repeated once when topics vary.

**FOLK–F 369 Aliens, Psychics, and Ghosts (3 cr.)**  
**A & H** How do people make sense of their worlds and experiences? The study of folklore provides a unique answer through the study of narrative, symbolic expression, and discourse analysis. This course brings folk beliefs into conversation with scientific method, and examines the different ways in which people come to view or understand the uncanny.

**FOLK–E 388 Motown (3 cr.)** **A & H, CSA** A survey of the development of Motown Record Corporation, Detroit Era (1959–1972). Through lecture, discussion, guided listening, and visual experiences, the course studies the musical works, creative processes, business practices, historical events, media, technology, and sociocultural factors that contributed to Motown’s identity as a unique artistic and cultural phenomenon. Credit given for only one of E388, AAAD A388, or AAAD A389.

**FOLK–E 394 Survey of African American Music (3 cr.)**  
**A & H, CSA** A chronological survey of sacred and secular African American musical traditions in North America from the African past to the present. Emphasis placed on context for evolution, musical processes and aesthetics, interrelationships among genres and musical change, issues of gender, and music as resistance. Credit given for only one of FOLK E394, AAAD A394, or MUS M394.

**FOLK–E 399 Readings for Honors (3 cr.)** **P:** Approval of instructor and honors advisor. Independent but guided readings in preparation for the honors thesis in Folklore and Ethnomusicology.

**FOLK–F 400 Individual Study in Folklore (1–3 cr.)**  
**P:** Must have prior arrangement with and consent of the faculty member(s) supervising research. May include fieldwork or library research components. May be



repeated for up to 6 credit hours with the permission of the chair.

**FOLK–F 401 Methods and Theories (3 cr.) S & H**

Introduces students to the main methods and theories in the two fields composing Folklore and Ethnomusicology. Explores both the common ground linking these fields and some key areas of difference, delving into basic aspects of method and theory as practiced by folklorists and ethnomusicologists.

**FOLK–F 402 Traditional Arts Indiana (1–3 cr.)** Designed as a practicum for students to work collaboratively in applying the methods and approaches of folklore studies to public needs and public programs. Students will engage in a variety of outreach projects linking the university to the larger community in the areas of public arts and culture and cultural documentation. May be repeated once when topics vary.

**FOLK–F 403 Practicum in Folklore/Ethnomusicology (1–3 cr.) P:** Must have prior arrangement with and consent of the faculty member(s) supervising work. Supervised work in public programs such as arts agencies, museums, historical commissions, and archives, including those housed at IU. Relevant readings and written report required. May be repeated for up to 6 credit hours with permission of chair.

**FOLK–F 404 Topics in Folklore/Folklife/Folk Music (3 cr.) A & H** Explores in depth a particular topic in the study of folklore, folklife, or music. Courses of an unusual, integrative, or experimental nature. May be repeated for a total of 6 credits when topics vary.

**FOLK–F 405 Studying Ethnomusicology (3 cr.) S & H** Introduces the field of ethnomusicology through reading, writing, and ethnomusicological research. Emphasizes the study of music in social contexts, and the study of society from a musical perspective. Designed for students interested in the study of music in human life as well as in cross-cultural approaches to the study of music and culture.

**FOLK–E 407 Applied Ethnomusicology and Folklore: Media Productions (3 cr.)** Examines the application of ethnomusicology and folklore training in media productions for cultural institutions and commercial industries. A focus on the role of humanists as researchers, consultants, music supervisors, and filmmakers for public media institutions (i.e., PBS, BBC, NPR, PRI), multimedia production companies, and commercial film industries.

**FOLK–F 410 Multimedia in Ethnomusicology (3 cr.)** This course explores the use of multimedia technology in five basic areas of ethnographic activity: Field research, laboratory research (transcription and analysis), preservation, presentation, and publication. Knowledge of technological concepts and skill development in the use of various technologies are pursued through a project-based approach, which emphasizes learning by doing. Evaluation is based on demonstration of competencies through successful completion of projects. The class is structured to include both lecture and lab components.

**FOLK–F 420 Forms of Folklore/Folklife/Folk Music (3 cr.) A & H** Examination of selected forms of folklore, folk music, craft, or performance, with attention given to

content, form, and function of the selected forms as well as the variety of theories and methodologies employed in their study. May be repeated twice when topics vary.

**FOLK–F 430 Folklore and Related Disciplines**

**(3 cr.) S & H** Advanced studies of folklore and/or ethnomusicology in relationship to other disciplines. Focuses on such interdisciplinary topics as folklore and literature, folklore and psychology, folklore and history, folklore and religion, or folklore, culture, and society. May be repeated twice when topics vary.

**FOLK–F 440 Folklife and Material Culture Studies**

**(3 cr.) A & H** The perspective of folklife studies. Material culture presented within the context of folklife, with attention to the role of folk museums, folklife research methods, and the history of folklife research. May be repeated once when topics vary.

**FOLK–F 450 Music in Religious Thought and Experience (3 cr.) A & H**

Explores the roles of music in select religious traditions of the world. Comparative analysis of relationships between music and ritual, religious music and popular culture, sacred music and mass media, music and religious identity, and music and trance. Focus on major world religious traditions, local traditions, and combinations thereof.

**FOLK–F 492 Traditional Musical Instruments (3 cr.)**

Classification, distribution, and diffusion of folk and traditional musical instruments. Construction and performance practices. Relation to cultural and physical environment. Demonstration with instruments in the collection of the Mathers Museum.

**FOLK–F 494 Transcription and Analysis of Traditional Music (3 cr.) P:**

Consent of instructor. Survey of theories and methods applied in transcription, analysis, and classification of traditional music. Application of methods to selected recordings.

**FOLK–E 496 African American Religious Music (3 cr.)**

**A & H, CSA** An in-depth investigation of Negro spirituals and gospel music, with some treatment of the traditions of lining-out and shape note singing. Examination of genres will address and integrate both the musical and the sociocultural perspectives. Credit given for only one of FOLK E496 or AAAD A496.

**FOLK–F 497 Advanced Seminar (3 cr.)** This is the final integrating course in the department, required of all majors and open to qualified students in other departments, with the instructor's approval. Topics of individual research will vary.

**FOLK–F 499 Honors Thesis (3 cr.) P:** Approval of program honors committee. Guided research culminating in an honors thesis under the direction of a faculty member and reviewed in oral examination by three faculty members. May be repeated once for credit.

## Related Courses

### African American and African Diaspora Studies

- A112 Black Music of Two Worlds (3 cr.) **A & H, CSA**
- A290 Sociocultural Perspective of African American Music (3 cr.) **A & H, CSA**
- A292 African American Folklore **A & H, CSA**
- A295 Survey of Hip Hop (3 cr.) **A & H, CSA**

- A297 Popular Music of Black America (3 cr.) **A & H, CSA**
- A345 Rap Music (3 cr.) **A & H, CSA**
- A496 Black Religious Music (3 cr.) **A & H, CSA**

#### Central Eurasian Studies

- R349 Topics in Hungarian Studies (3 cr.) Topic: European Folk Musics **A & H, CSB**

#### Classical Studies

- C205 Classical Mythology (3 cr.) **A & H, CSA**
- C405 Comparative Mythology (3 cr.) **A & H**

## French and Italian

### Introduction

The Department of French and Italian (FRIT) offers majors in both French and Italian leading to the B.A. degree. Through study in our department, students can gain proficiency in reading, writing, listening, and speaking in French and Italian, as well as explore the literature and culture of Italy, France, and various francophone countries throughout the world. In addition, the French program offers basic courses in linguistics to discover the structure and development of the language.

**Note:** No credit in the minor will be given for those courses listed in this *Bulletin* as carrying no credit toward the major.

### Contact Information

Department of French and Italian  
Indiana University  
Ballantine Hall 642  
Bloomington, IN 47405-7103

(812) 855-1952  
[fritdept@indiana.edu](mailto:fritdept@indiana.edu)

<http://www.indiana.edu/~frithome>

## Faculty

### Chairperson

- Professor Emanuel Mickel

### Professors

- Andrea Ciccarelli
- Eileen Julien
- Eric MacPhail
- Jacques Merceron
- Sonya Stephens
- H. Wayne Storey
- Antonio Vitti

### Associate Professors

- Guillaume Ansart
- Julie Auger
- Laurent Dekydtspotter
- Margaret Gray
- Kevin Rottet
- Colleen Ryan-Scheutz
- Massimo Scalabrini
- Barbara Vance

### Assistant Professors

- Marco Arnaudo
- Hall Bjørnstad
- Oana Panaité
- Nicolas Valazza

### Senior Lecturer

- Kelly Sax

### Lecturers

- Ermanno Conti
- Alicia Vitti

### Academic Advising, French

- Professor Eric MacPhail, Ballantine Hall 616, (812) 855-8948
- Matthew Colglazier, Ballantine Hall 437, (812) 855-6263

### Academic Advising, Italian

- Associate Professor Massimo Scalabrini, Ballantine Hall 634, (812) 855-8044
- Matthew Colglazier, Ballantine Hall 437, (812) 855-6263

## Secondary Teacher Certification

Candidates for teaching certification should consult their academic advisor and the [School of Education Undergraduate Academic Bulletin](#). Students wishing to combine their French or Italian major with another discipline should consult with the undergraduate advisors.

## Major in French

### Required Courses

Students must complete 29 credit hours in French courses above F100-F150, including:

1. F313.
2. 6 credit hours from F305, F306, F361, F362, F363, F375.
3. At least 11 credit hours in fourth-year courses, including at least two 3 credit hour courses taken on the Bloomington campus, exclusive of F495.

The departmental course offerings permit French majors to focus their study on the French language (F313-F314, F315-F316, F474, F475), French literature (F305, F306, F375, F410 through F459), Francophone civilization (F361-F362, F363, F460 through F464), or any combination of the above.

Students must complete the degree requirements of the College of Arts and Sciences.

## Minor in French

### Required Courses

15 credit hours in French past the third semester, including:

1. 3 credit hours of F250, F255, or F265.
2. F300 (must be taken on the Bloomington campus).
3. 9 additional credit hours of 300–400 level courses, including:
  - one course from the following: F305, F306, F361, F362, F363, F375

- one course from the following: F313, F315, F316

4. Two courses at the 300–400 level must be taken on the Bloomington campus, and one of these two courses must be F300.

## Minor in Italian

### Required Courses

At least 15 credit hours of course work past the second semester, including:

1. M200 and M250, **or** M215.
2. At least two courses from among M300, M301, M305, M307, M308.
3. At least one course at the 400 level.

## Major in Italian

### Required Courses

Students must complete 27 credit hours in Italian courses above M100-M150, or 25 credit hours in Italian courses above M100-M150 if they successfully complete M215, including at least:

1. 7 credit hours in fourth-year courses.
2. One 3 credit hour fourth-year course taken on the Bloomington campus, exclusive of M495.

Students must complete the degree requirements of the College of Arts and Sciences.

## Departmental Honors Program

Superior students are encouraged to pursue independent study and research through enrollment in "Reading for Honors" courses and the preparation of an honors thesis at the senior level. Foreign travel is encouraged, and credit may be earned for intensive study in a foreign country. Students interested in the honors program should contact the French and Italian academic advisors.

## Overseas Study

IU offers overseas study opportunities in French- and Italian-speaking areas through programs spanning a summer, semester, or entire academic year. Outstanding students with an appropriate command of French or Italian may apply for a year's study, with full credit, in the IU programs at the University of Aix-en-Provence or at the University of Bologna; participation is not limited to French or Italian majors. For one semester or one summer of study abroad, there are French programs in Aix-en-Provence, Rennes, Paris, and Quebec and Italian programs in Bologna, Florence, Milan, and Rome (some programs are open even to beginners). For further information, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## French Club

The French Club is for students interested in practicing the French language and exploring French and Francophone cultures. The Club sponsors a weekly French table and a French/Francophone film series each semester. Social and cultural events, such as a *soirée québécoise* and game night, are also organized by its members. For more information consult the departmental Web site.

## Circolo Italiano

The *Circolo* is the department's Italian club, which meets regularly to allow students the opportunity to converse in

Italian in congenial surroundings. The *Circolo* presents a film series each semester, showing four or five films on a certain theme. At the end of each fall semester, *Circolo* hosts a talent show and holiday party. For further information see [www.indiana.edu/~frithome/undergrads/circolo.shtml](http://www.indiana.edu/~frithome/undergrads/circolo.shtml).

## Course Descriptions

### Courses in French Language, Literature, and Civilization

**FRIT–F 100 Elementary French I (4 cr.)** Introduction to French language and selected aspects of French civilization and culture. Credit given for only one of F100, F115, or F491.

**FRIT–F 102 Beginning French Conversation I (1 cr.)** C: F100. This companion course to F100 gives beginning students the opportunity to practice conversational French in a relaxed setting with peers. Led by advanced students of French working under faculty guidance, group activities may include discussion, games, magazine/newspaper/movie discussions, cultural events, cooking, etc. S/F grading. No credit for French major.

**FRIT–F 115 Accelerated Elementary French (4 cr.)** P: Consent of department. An accelerated treatment of material covered in both F100 and F150 designed for superior students and students with previous training in another foreign language. Credit given for only one of F115 or F100; credit given for only one of F115 or F150.

**FRIT–F 125 Studies in French Culture (3 cr.) A & H** Introduction to French culture through the study of a particular topic in the arts and humanities, such as film, literature, fine arts, and music. Taught in English. No credit for French major. May be repeated with a different topic for a total of 6 credit hours.

**FRIT–F 126 Studies in French Civilization (3 cr.) S & H** Introduction to French civilization through the study of a particular topic in the social or historical sciences, such as the French Revolution, history of colonialism, World War II, the student movements of 1968. Taught in English. No credit for French major. May be repeated with a different topic for a total of 6 credit hours.

**FRIT–F 150 Elementary French II: Language and Culture (4 cr.)** P: F100. Basic structures of the French language and selected topics of French civilization and culture. Credit given for only one of F115, F150, F169, or F491.

**FRIT–F 152 Beginning French Conversation II (1 cr.)** C: F150. This companion course to F150 gives beginning students the opportunity to practice conversational French in a relaxed setting with peers. Led by advanced students of French working under faculty guidance, group activities may include discussion, games, magazine/newspaper/movie discussions, cultural events, cooking, etc. S/F grading. No credit for French major.

**FRIT–F 200- F 250 Second-Year French I–II: Language and Culture (3–3 cr.)** P: F150 or equivalent. Grammar, composition, conversation coordinated with the study of cultural texts. Credit given for only one of the following third-semester courses: F200, F205, or F219; and for only one of the following fourth-semester courses: F250, F255, F265, or F269.

**FRIT-F 202 Intermediate French Conversation**

**I (1 cr.)** C: F200. This companion course to F200 gives intermediate students the opportunity to practice conversational French in a relaxed setting with peers. Led by advanced students of French working under faculty guidance, group activities may include discussion, games, magazine/newspaper/movie discussions, cultural events, cooking, etc. S/F grading. No credit for French major.

**FRIT-F 251 Service Learning Practicum in French Teaching (1 cr.)**

P: F200. Students develop and teach basic French lessons in area elementary schools under the guidance of their instructor. Requirements include four school visits, five planning meetings, and four written reflective statements. S/F grading. No credit for French major.

**FRIT-F 252 Intermediate French Conversation**

**II (1 cr.)** C: F250. This companion course to F250 gives intermediate students the opportunity to practice conversational French in a relaxed setting with peers. Led by advanced students of French working under faculty guidance, group activities may include discussion, games, magazine/newspaper/movie discussions, cultural events, cooking, etc. S/F grading. No credit for French major.

**FRIT-F 265 Accelerated Second-Year French (3 cr.)**

Open only to incoming freshmen and to students who have completed F115. An accelerated treatment of material covered in both F200 and F250. Grammar, composition, and conversation coordinated with readings of short texts. Students who complete F265 cannot also receive credit for F200, F205, F219, F250, F255, or F269.

**FRIT-F 296 Foreign Study in France (1–6 cr.)**

P: Acceptance into an approved IU overseas study program. Credit for foreign study in French language or literature when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 6 credit hours.

**FRIT-F 300 Reading and Expression in French (3 cr.)**

P: F250, F255, F265, or consent of department. **A & H** This course introduces students to different levels of style and expression and to written argumentation in French. Texts representing various periods and literary genres provide the basis for in-class discussion and for exercises designed to develop oral and written fluency. Conducted in French.

**FRIT-S 300 Reading and Expression in French—Honors (3 cr.)**

P: F250, F255, F265, or consent of department. **A & H** This course introduces students to different levels of style and expression and to written argumentation in French. It is a version of F300 for honors students. Credit given for only one of F300 or S300.

**FRIT-F 303 Theater and the Essay: Form, Themes, and Ideas (3 cr.)**

P: F250, F255, F269, F300, or equivalent. **A & H** Dramatists such as Corneille, Racine, Molière, Beaumarchais, and Sartre; essayists and philosophes such as Descartes, Pascal, Voltaire, Diderot, and Camus. Readings in French. Lectures and discussion in English. No credit for French major. Credit given for only one of F303 or F305.

**FRIT-F 304 Novel and Poetry: Form, Themes, and Ideas (3 cr.)**

P: F250, F255, F269, F300, or equivalent.

**A & H** Novelists such as Balzac, Flaubert, and Proust;

readings in anthologies stressing sixteenth-, nineteenth-, and twentieth-century poetry. Readings in French. Lectures and discussion in English. No credit for French major. Credit given for only one of F304 or F306.

**FRIT-F 305 Théâtre et essai (3 cr.)**

P: F300 or equivalent. **A & H** Drama and literature of ideas. Dramatists such as Corneille, Racine, Molière, Beaumarchais, and Sartre; essayists and philosophes such as Descartes, Pascal, Voltaire, Diderot, and Camus. Lectures and discussion in French. Credit given for only one of F305 or F303.

**FRIT-F 306 Roman et poésie (3 cr.)**

P: F300 or equivalent. **A & H** Novel and poetry. Novelists such as Balzac, Flaubert, and Proust; readings in anthologies stressing sixteenth-, nineteenth-, and twentieth-century poetry. Lectures and discussion in French. Credit given for only one of F306 or F304.

**FRIT-F 310 Topics in French Literature in Translation (3 cr.)**

**A & H, CSB** Readings in English translation of novels, plays, essays, and poetry or other works that reflect a specific topic chosen by the instructor. No credit for French major.

**FRIT-F 311 Contemporary France: Film and Culture (3 cr.)**

**A & H, CSB** Political, social, and cultural aspects (including film) of contemporary France. No credit for French major. Credit given for only one of F311 or F461.

**FRIT-F 313 Advanced Grammar (3 cr.)**

P: F250. Intensive study of French grammar including in-depth review and exploration of advanced topics such as the passive, the causative, and indirect discourse.

**FRIT-F 314 Advanced Composition (3 cr.)**

P: F250 or equivalent. Designed to improve command of written French and build vocabulary through intensive writing. Students gain familiarity with a variety of literary, expository, and communicative writing styles. Preparation for 300-level literature classes.

**FRIT-F 315 Phonetics and Pronunciation (3 cr.)**

P: F250. Five meetings per week: three lectures on problems of pronunciation and phonetic transcription, and two oral practice sessions.

**FRIT-F 316 Conversational Practice (3 cr.)**

P: F250 or F255. Three meetings per week plus optional listening comprehension and oral practice in the language laboratory. Development of communicative and speaking skills.

**FRIT-F 317 French in the Business World (3 cr.)**

P: F250 or equivalent. **S & H** Study of the language of business activities in France, with an introduction to the structure and functioning of various aspects of French economic life. Useful for students preparing for the proficiency examinations of the Chambre de Commerce de Paris.

**FRIT-F 361 La France medievale (jusqu'à 1500)**

**(3 cr.)** P: F300 or equivalent. **A & H, CSA** France's major political, religious, and economic characteristics from roughly 500 to 1500. Key moments and aspects include the Carolingian empire, feudalism, the Capetian and Valois monarchs, lords, knights and castles, women, peasants and merchants, the Crusades, the Hundred Years' War, the twilight of the Middle Ages.

**FRIT-F 362 La France 1500–1800 (3 cr.)** P: F300 or equivalent. **A & H, CSB** An introduction to the cultural history of France from the Renaissance to the Revolution. The emergence of new forms of political power, of sociability and of religious creeds, along with a variety of cultural phenomena that shaped national identity, popular culture, and daily life.

**FRIT-F 363 La France 1800–aujourd'hui (3 cr.)** P: F300 or equivalent. **A & H, CSB** The evolution of French history, society, and culture from Napoleon's Empire to the Postcolonial era. Key concepts and events of this period include Romanticism, the Paris Commune, the Dreyfus Affair, Impressionism, First and Second World Wars, Feminism, May 1968, immigration and multiculturalism.

**FRIT-F 375 Thèmes et perspectives littéraires (3 cr.)** P: F300 or equivalent. **A & H, CSB** Study of a specific subject or theme, such as society and the individual, the tragic hero from the seventeenth to the twentieth century, comedy, and satire. All work in French. May be repeated once for a maximum of 6 credit hours.

**FRIT-F 396 Foreign Study in French (1–6 cr.)** P: Acceptance into an approved IU overseas study program. Credit for foreign study in French language or literature when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 6 credit hours.

**FRIT-F 399 Reading for Honors (1-12 cr.)** P: Approval of departmental honors advisor.

#### 400-Level French Courses

Prerequisites for 400-level courses in literature or civilization: two courses chosen from F305, F306, F361, F362, F363, and F375. For work in literature, however, at least one of these must be F305, F306, or F375. For other 400-level courses, see individual listings.

**FRIT-F 401 Structure and Development of French (3 cr.)** Introductory description of the structure of present-day French, including problems of social and geographical variation. Discussion of the highlights of the development of the French language from its formative period to the present.

**FRIT-F 402 Introduction to French Linguistics (3 cr.)** P: F313 or F314 or consent of instructor. Introduction to the structure of the French language: phonology, morphology, and syntax.

**FRIT-F 410 French Literature of the Middle Ages (3 cr.)** **A & H, CSA** Introduction to Old French language and major literary works. Readings may be broadly representative of the period or reflect a particular thematic concern.

**FRIT-F 413 French Renaissance (3 cr.)** **A & H** Rabelais, Montaigne, the Pleiade, and others.

**FRIT-F 423 Seventeenth-Century French Literature (3 cr.)** Esthetic and intellectual traditions such as the Baroque, *libertinage érudit*, preciosity, the moralists, and classicism. Genres include poetry, fiction, theater, the epistle, memoirs, and the essay.

**FRIT-F 424 Ideas and Culture in Seventeenth-Century France (3 cr.)** Study of political ideology and theory, images and text, scientific and philosophic innovation,

social mores, or social and religious institutions. Focus on absolutism, religious controversies, social and intellectual status of women, or other issues.

**FRIT-F 435 Enlightenment Narrative (3 cr.)** **A & H** Narratives in the form of letters, memoirs, dialogues, and tales. Writers such as Marivaux, Prevost, Voltaire, Diderot, Mme de Charrière, Constant, Chateaubriand. Social, political, and cultural interchange between the writer and his/her world, from classicism to romanticism.

**FRIT-F 436 Voltaire, Diderot, and Rousseau (3 cr.)** **A & H** Three great writers of the eighteenth century; their versatility, sensitivity, and appeal; their relations with each other and their society; their pan-European impact. Voltaire: action, tale, and satire. Diderot: knowledge, dialogue, and vitality. Rousseau: idealization, testimony, and vision.

**FRIT-F 443 Great Novels of the Nineteenth Century (3 cr.)** **A & H** Novelists such as Stendhal, Balzac, Flaubert, and Zola.

**FRIT-F 445 Nineteenth-Century Drama (3 cr.)** Survey of the important movements in nineteenth-century theatre: romanticism, realism and naturalism, symbolism.

**FRIT-F 446 Great Poetry of the Nineteenth Century (3 cr.)** **A & H** Poets such as Hugo, Desbordes-Valmore, Baudelaire, Rimbaud, and Mallarmé.

**FRIT-F 450 Colloquium in French Studies—Tradition and Ideas (3 cr.)** P: Two of the following: F305, F306, or F375; or consent of the instructor. **A & H, CSA** Emphasis on one topic, author, or genre. May be repeated with a different topic for a maximum of 9 credit hours for any combination of F450 and F451.

**FRIT-F 451 Colloquium in French Studies—Literature and Arts (3 cr.)** P: Two of the following: F305, F306, or F375; or consent of the instructor. **A & H, CSB** Emphasis on one topic, author, or genre. May be repeated with a different topic for a maximum of 9 credit hours for any combination of F451 and F450.

**FRIT-F 452 Capstone Course for French Majors (3 cr.)** Through the study of contemporary France, this course solidifies the writing and speaking skills of French majors as they conduct research, write a substantial paper, and give a presentation on a topic of their choice. Sample topics include politics, fine arts, literature, and history. Conducted entirely in French.

**FRIT-F 453 Le Roman au 20e siècle I (3 cr.)** **A & H, CSB** Ecrivains tels que Gide, Alain-Fournier, Proust, Colette, Bernanos, Céline, Sartre, Malraux.

**FRIT-F 454 Le Roman au 20e siècle II (3 cr.)** Ecrivains tels que Camus, Queneau, Butor, Robbe-Grillet, Vian, Duras.

**FRIT-F 456 La Poésie au 20e siècle (3 cr.)** **A & H** Richness and diversity of twentieth century French poetry: poets such as Chérid, Apollinaire, Valéry, les surréalistes, Ponge, Saint-John Perse.

**FRIT-F 459 Le Théâtre au 20e siècle (3 cr.)** **A & H, CSB** Precursors of the non-realistic theater; playwrights to be included are Jarry, Apollinaire, and Cocteau. Surrealism; plays by Vitrac. Theater of ideas; playwrights are Anouilh, Giraudoux, Sartre. Theater of the absurd; playwrights are

Beckett, Adamov, Arrabal, Ionesco, and Genet. Lectures and discussions in French.

**FRIT–F 460 La francophonie nord-américaine (3 cr.)**

**A & H, CSA** History of the different French-speaking communities of Canada and the United States. Study of the different manifestations of their cultures: their language, music, traditions, cuisine, literature, and cinema. Also examines the impact these cultures have had on the surrounding English-speaking communities.

**FRIT–F 461 La France contemporaine: cinema et culture (3 cr.)** **CSB** France since 1945: political, social, economic, and cultural aspects (including film). Course conducted in French. Credit given for only one of F311 or F461.

**FRIT–F 463 Civilisation française I (3 cr.)** **CSA** French civilization from medieval period through seventeenth century: art, architecture, music, thought.

**FRIT–F 464 Civilisation française II (3 cr.)** **CSB** French civilization from eighteenth century to contemporary period: art, architecture, music, thought.

**FRIT–F 467 French Beyond the Hexagon (3 cr.)**

Introduction to the literature, film, and popular culture of one or more French-speaking zones—Quebec, the Antilles, the Indian Ocean Islands, Southeast Asia, North Africa, or sub-Saharan Africa. May be repeated with a different topic for a maximum of 6 credit hours.

**FRIT–F 472 Contrastive Study of French and English (2 cr.)** **P:** F313-F314. A systematic study of the differing ways in which French and English express a given thought or relationship.

**FRIT–F 474 Thème et version (3 cr.)** **P:** F313-F314. Translation of selected passages, alternating between English and French, to teach students to write with precision and clarity in both languages. May be taken by graduate students in preparation for F574.

**FRIT–F 475 Le Français oral: cours avancé (2 cr.)**  
**P:** F316 or equivalent.

**FRIT–F 477 French Conversation Group Leadership (1 cr.)** Under the guidance of their instructor, advanced students of French facilitate weekly French conversation groups for lower level students. Leaders are responsible for planning all group sessions, including discussion topics generated by magazine/newspaper articles and movies, and activities such as games and cooking. No credit for French major. May be repeated for a total of 4 credit hours.

**FRIT–F 495 Individual Readings in French (1–3 cr.)**  
**P:** Consent of department. Does not count as F400-level course in residence for major. May be repeated with different topics for a total of 9 credit hours.

**FRIT–F 496 Foreign Study in French (3–8 cr.)**  
**P:** Consent of chairperson. Course involves planning of research project during year preceding summer abroad. Time spent in research abroad must amount to at least one week for each credit hour granted. Research paper must be presented by end of semester following foreign study. May be taken once only. Does not count as F400-level course in residence for major.

**FRIT–F 499 Reading for Honors (max of 12 cr.)**

**P:** Approval of departmental honors committee. Does not count as F400-level course in residence for major.

**Courses in Italian Language, Literature, and Civilization**

**FRIT–M 100 Elementary Italian I (4 cr.)** Introduction to contemporary Italian language, geography, and culture. Involves a broad variety of assignments and activities that develop grammatical competency and proficiency in listening, speaking, reading, and writing. Cultural topics and simple cultural comparisons are introduced. Credit given for only one of the following: M100, M110, M115, or M491.

**FRIT–M 110 Italian Language through Opera (4 cr.)**  
**P:** Consent of department. An analysis of the Italian language through a close reading of the librettos of the major Italian operas. Combines language lessons of M100 and M150 into one semester. Recommended for music students with previous foreign language experience. Students who complete M110 cannot also receive credit for M100, M115, or M150.

**FRIT–M 115 Accelerated Elementary Italian (4 cr.)**

**P:** Consent of department. An accelerated treatment of material covered in both M100 and M150 designed for highly motivated students and students with previous language training. Credit given for only one of M115 and M100; credit given for only one of M115 or M150.

**FRIT–M 150 Elementary Italian II (4 cr.)** **P:** M100. Continued introduction to contemporary Italian language, geography, and culture. Involves a broad variety of assignments and activities that build grammatical competency and proficiency in listening, speaking, reading, and writing. Practice with new cultural topics and basic cultural analysis. Credit given for only one of the following: M110, M115, M150, or M491.

**FRIT–M 200 Intermediate Italian I (3 cr.)** **P:** M110, M115, M150, or equivalent. Building on Elementary Italian I and II, students further study and practice fundamental concepts and structures in Italian grammar. Through a variety of assignments and activities, they strengthen proficiency in listening, speaking, reading, writing, cultural analysis and understanding. Includes an introduction to brief literary texts. Credit given for only one of M200 or M215.

**FRIT–M 215 Accelerated Second-Year Italian (4 cr.)**  
**P:** M115 or equivalent, and consent of instructor. An accelerated treatment of material covered in both M200 and M250. Designed for students who have completed M115 and other highly motivated students, students with extensive experience with another language, and/or students who aspire to study abroad. Credit given for only one of the following: M215 or M200-M250.

**FRIT–M 222 Topics in Italian Culture (3 cr.)** **A & H, CSA** Selected readings emphasizing a particular author, genre, or theme in Italian culture. Interdisciplinary approach combining political, historical, social, and artistic methods. Subjects vary from semester to semester and are listed in the online *Schedule of Classes*. May be repeated with a different topic for a maximum of 6 credit hours. No credit for Italian major.

**FRIT-M 234 Florence in Florence (3 cr.)** Offered only through the Overseas Study summer program in Florence. **A & H, CSA** Analysis of some specific problem, theme, or author connected with Florentine history, art, literature, or culture between the age of Dante and Giotto in the thirteenth century to the era of Machiavelli and Michelangelo in the sixteenth century. Variable topic. No credit for Italian major.

**FRIT-M 235 Rome, the City and the Myth (3 cr.)** **A & H, CSB** An interdisciplinary survey of the role of Rome and Roman mythology in the postclassical culture of Italy from the humanist movement to the present. Major Italian artists, writers, musicians, and social thinkers to be treated include Petrarch, Machiavelli, Vivaldi, Tiepolo, Canova, Piranesi, Mussolini, and Fellini. No credit for Italian major.

**FRIT-M 250 Intermediate Italian II (3 cr.)** P: M200 or equivalent. The study of more complex concepts and structures in Italian grammar. Through a variety of texts, media, and assignments, students practice listening, speaking, reading, and writing, and they analyze cultural topics and situations in greater depth. Increased attention to short literary texts. Credit given for only one of M250 or M215.

**FRIT-M 300 Italian Conversation and Diction (3 cr.)** P: M250 or consent of instructor. Conducted in Italian, this course continues the study of advanced structures through a variety of media and authentic texts. While the focus is on accuracy and fluency in speaking, practice with other skills and the study of Italian culture will be integrated throughout.

**FRIT-M 301 Italian Reading and Expression (4 cr.)** P: M250 or consent of instructor. Conducted in Italian, this course introduces students to reading strategies, basic analysis, and discussion of Italian literature of different time periods and genres. Includes advanced grammar structures and vocabulary and a focus on oral and written proficiency. Prepares students for subsequent 300-level work in Italian.

**FRIT-M 305 Civiltà italiana moderna (3 cr.)** **A & H, CSB** Interdisciplinary study of modern Italian culture with a focus on one or more of the following areas: history, literature, art, music, film, theater; from any period(s) between the Italian national unification (1860s) and the present. Conducted in Italian. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

**FRIT-M 306 Italian Short Stories from the Political Unification to the Present (3 cr.)** **A & H, CSB** Explores the Italian short narrative from the political unification of Italy (1861) to modernity. Analysis of short stories and tales by authors such as Banti, Primo Levi, Verga, Pirandello, Arrigo Boito, Elsa Morante, Calvino, and others. Class will be conducted in Italian.

**FRIT-M 307 Masterpieces of Italian Literature I (3 cr.)** P: M301 or consent of instructor. **A & H, CSA** To 1800.

**FRIT-M 308 Masterpieces of Italian Literature II (3 cr.)** P: M307 or consent of instructor. **A & H, CSB** From 1800 to present.

**FRIT-M 311 Italian Film and Culture (3 cr.)** **A & H, CSB** Study of Italian cinema and culture, taught either as a survey course or with a focus on a particular topic in

Italian culture, such as gender, politics, sports, or other social issues. May be repeated with a different topic for a maximum of 6 credit hours. Taught in English. No credit for Italian major.

**FRIT-M 333 Dante and His Times (3 cr.)** **A & H, CSA** Study of the cultural history, philosophy, theology, and poetics of the thirteenth century relating to Dante's works. Lectures, readings, and discussions dealing with Provençal poetry, courtly love, the origin of the sonnet, the poets before Dante. Dante's major works, *The New Life* and *The Divine Comedy*, will be analyzed and discussed. All readings in English. No credit for Italian major.

**FRIT-M 334 Power and Imagination in Italy (3 cr.)** **A & H** Interdisciplinary approach to the interrelationship of literature, visual culture, and history. No credit for Italian major.

**FRIT-M 340 Boccaccio's Social Decameron (3 cr.)** **A & H, CSA** Close reading and intertextual study of Boccaccio's *Decameron* in its historical, economic, cultural, and literary contexts, with special attention to the formation of ideals and values in society. Taught in English. No credit for Italian major.

**FRIT-M 345 Italian Renaissance Art and Literature (3 cr.)** **A & H, CSA** A survey of the literature dealing with art in the Italian Renaissance in a variety of literary genres, including works by Michelangelo, da Vinci, Vasari, Alberti, Cennini, and Cellini. No credit for Italian major.

**FRIT-M 390 Studies in the Italian Film (3 cr.)** **A & H, CSB** In-depth analysis of a major Italian art form as Italian culture. Emphasis on specific directors (Fellini, Pasolini, Visconti, Wertmüller, Bertolucci) or problems (literature and film, neorealism, politics and ideology, film comedy). May be repeated for a maximum of 6 credit hours with different topics.

**FRIT-M 391 Hollywood Italians (3 cr.)** **A & H** The representation of Italian Americans in literature, Hollywood films, and mass media television from the silent era of Rudolph Valentino to the present of *The Godfather* and *The Sopranos*. Themes treated include immigration; Little Italys; ethnic stereotyping; and Hollywood Italian gangsters, Romeos, and Palookas. No credit for Italian major.

**FRIT-M 396 Foreign Study in Italy (1-6 cr.)** P: Acceptance into an approved IU overseas study program. Credit for foreign study in Italian language or literature when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 6 credit hours.

#### 400-Level Italian Courses

M307, M308, or consent of instructor is prerequisite for all 400-level courses unless otherwise indicated. 400-level courses are conducted in Italian.

**FRIT-M 403 Italian Renaissance Literature (3 cr.)** **A & H** This course will focus on various authors, subjects, and literary genres of the Italian Renaissance. It may be taught as a monographic seminar on an author or topic.

**FRIT-M 435 Theatre Workshop (3 cr.)** P: M250 or consent of instructor. Examination of Italian theatre, including in-depth study of theatrical works, culminating in the staging of scenes and/or full-scale production of

a play. Students must meet with the instructor the week before registration to assume one of several acting and non-acting roles. May be repeated for a maximum of 6 credit hours.

**FRIT–M 445 Risorgimento (3 cr.)** P: Junior or senior standing. **A & H, CSA** A survey of nineteenth-century Italian history and culture, seen in all its varied manifestations. Particular emphasis will be given to the Risorgimento period, as portrayed in music, art, literature, and film.

**FRIT–M 446 Nineteenth-Century Italian Literature (3 cr.)** P: Junior or senior standing. **A & H** A survey of the major Italian authors of the century, focusing particularly on poetry but also discussing the most important narrative works. Special emphasis will be given to the analysis of the texts, as well as to the comprehension of the development in Italy of neoclassicism, romanticism, and decadence.

**FRIT–M 450 Seminar in Italian Literature (3 cr.)** P: M308 or consent of instructor. **A & H** Selected topics in Italian literature. Course content varies and is identified in the online *Schedule of Classes*. May be repeated for up to 12 credit hours with different topics.

**FRIT–M 453 Twentieth-Century Italian Literature and Culture (3 cr.)** **A & H** Course may be taught as a survey course on twentieth-century Italian literature, or it may focus on a specific literary genre or period.

**FRIT–M 455 Readings in the Italian Cinema (3 cr.)** **A & H** Analysis of specific movements, topics, or directors in Italian cinema. Attendance of film series required. Subject may vary with each listing and is identified in the online *Schedule of Classes*. May be repeated with a different topic for a maximum of 6 credit hours.

**FRIT–M 456 Il Decadentismo Italiano (3 cr.)** **A & H** An analysis of the development of Italian decadence, focusing particularly on Pascoli and D'Annunzio but also discussing the other writers such as Pirandello and Svevo. Special emphasis will be given to the analysis of the texts, as well as to the understanding of the entire cultural movement studied in its European context.

**FRIT–M 463 Contemporary and Popular Italian Culture (3 cr.)** P: M307/M308 or permission of instructor. **A & H, CSB** A study of contemporary Italian culture and literature that includes an overview of various topics such as cinema, gender issues, theater, and music. Class conducted in Italian.

**FRIT–M 474 Temi e versioni (2–4 cr.)** This course aims at improving the students' written and oral knowledge, as well as the students' ability to write original short essays on a variety of cultural topics. May be repeated once for credit with consent of the undergraduate advisor.

**FRIT–M 495 Individual Readings in Italian Literature (1–3 cr.)** P: M200–M250 and consent of instructor. May be repeated for a maximum of 6 credit hours.

**FRIT–M 496 Foreign Study in Italian (3–8 cr.)** P: Consent of chairperson or undergraduate advisor for Italian. Research paper must be presented by end of semester following foreign study. Course involves planning of research project during the year preceding period of study abroad. Time spent in research abroad

must amount to at least one week for each credit hour granted. Research paper must be presented by end of semester following foreign study. May be repeated with different topics up to a maximum of 8 credit hours. Does not count as M400-level course in residence for major.

**FRIT–M 499 Reading for Honors (3 cr.)** P: Consent of department. Independent reading and research in conjunction with an advanced honors paper or project.

### Courses for Graduate Reading Knowledge

**FRIT–F 491 Elementary French for Graduate Students (undergrad. 4 cr.; grad. 3 cr.)** Open with consent of the instructor to undergraduates who have already completed the language requirement for the B.A. in another language. Introduction to structures of the language necessary for reading, followed by reading in graded texts of a general nature. Credit given for only one of F491 or any French course at the 100 level.

**FRIT–F 492 Readings in French for Graduate Students (undergrad. 4 cr.; grad. 3 cr.)** P: F491 or consent of department. Open with consent of the instructor to undergraduates who have already completed the B.A. language requirement in another language. Continuation of language and reading development from F491. Credit given for only one of F492 or any of the following: F150, F169, F200, F205, or F219.

**FRIT–M 491 Elementary Italian for Graduate Students (4 cr.)** Open with consent of the instructor to undergraduates who have already completed the language requirement for the B.A. in another language. Introduction to the structures of the language necessary for reading, followed by reading in graded texts of a general nature. Credit given for only one of M491 and any Italian course at the 100 level.

**FRIT–M 492 Readings in Italian for Graduate Students (4 cr.)** P: M491 or consent of department. Open with consent of the instructor to undergraduates who have already completed the B.A. language requirement in another language. Continuation of language and reading development from M491. Credit not given for both M492 and either of the following: M150 or M200.

## Gender Studies

### Introduction

The Department of Gender Studies (GNDR) offers interdisciplinary courses that explore the making and meaning of gender across cultures and social formations. Courses may undertake an analysis of gender in institutions, practices, representations, and knowledge across a range of cultural frameworks. They may also interrogate the intersections between gender and systemic forms of oppression and/or difference, including those based on race, aboriginality, ethnicity, class, and sexual identity and desire. Students achieve a scholarly understanding of the options and situations of both women and men, in the past as well as the present; they are often encouraged to devise and execute original research projects.



## Contact Information

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Indiana University  
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1021 East Third Street  
Bloomington, IN 47405

(812) 855-0101

[gender@indiana.edu](mailto:gender@indiana.edu)

<http://www.indiana.edu/~gender/>

## Faculty

### Chairperson

- Karma Lochrie

### Martha C. Kraft Professor of Humanities

- Fedwa Malti-Douglas

### Director of Undergraduate Studies

- Brenda Weber

### Founding Professor

- M. Jeanne Peterson

### Professors

- Judith A. Allen (History)
- Alex Doty (Communication and Culture)
- Fedwa Malti-Douglas (Adjunct, Law)
- Stephanie Sanders (The Kinsey Institute)
- Suzanna Walters (Adjunct, Sociology, Communication and Culture)
- Richard Wilk (Anthropology)

### Associate Professors

- Sara Friedman (Anthropology)
- LaMonda Horton-Stallings (African American and African Diaspora Studies)
- Susan Stryker

### Assistant Professors

- Marlon Bailey (African American and African Diaspora Studies)
- Lessie Frazier (Adjunct, History)
- Colin Johnson (Adjunct, American Studies, History, Human Biology)
- Brenda Weber (Adjunct, American Studies, Cultural Studies, English)

### Senior Lecturer

- Jennifer Maher

## Affiliate Faculty

### Professors

- Wendy Gamber (History)
- Susan Gubar (English)
- Ellen Ketterson (Biology)
- Karma Lochrie (English)
- Alyce Miller (English)
- Brian Powell (Sociology)
- Jean C. Robinson (Political Science)
- Susan Williams (School of Law)
- William Yarber (Rural Center for AIDS/STD Prevention)

## Associate Professors

- Purnima Bose (English)
- Claudia Breger (Germanic Studies)
- Maria Bucur (History)
- Lynn Duggan (School of Social Work)
- Mary Favret (English)
- Jennifer Fleissner (English)
- Patricia Ingham (English)
- Stephanie Kane (Criminal Justice)
- Colleen Ryan-Scheutz (French and Italian)
- Susan Seizer (Communication and Culture)
- Margaret Peg Sutton (School of Education)
- Deborah Widiss (Maurer School of Law)

## Assistant Professors

- Penelope Anderson (English)
- Beth Buggenhagen (Anthropology)
- Mary L. Gray (Communication and Culture)
- Terrell Scott Herring (English)
- Marissa Moorman (History)
- Amrita Myers (History)
- Sara Phillips (Anthropology)
- Julia Roos (History)
- Micol Seigel (African American and African Diaspora Studies)
- Beate Sissenich (Political Science)
- Kirsten Sword (History)
- Shane Vogel (English)

## Academic Advisor

- Arnell Hammond, Memorial Hall East M21. Advising appointments may be scheduled through the department's main office, (812) 855-0101.

## Major in Gender Studies—B.A.

### Purpose

The interdisciplinary major in gender studies offers students the opportunity to achieve an up-to-date, interdisciplinary, thematic, and problem-oriented understanding of gender. The major encourages students to ask critical questions about how gender operates within the cultures of the world. This program of study can complement minors or majors that students choose in other disciplines and area studies, and enhances the existing teaching and research on gender taking place at Indiana University Bloomington.

Fundamental objectives of the major pursued through each of its interdisciplinary courses are to:

1. Train students to think critically about how gender has been formed and altered in different cultures, contexts, and historical eras.
2. Equip students to identify and analyze assumptions about gender built into the varying approaches of disciplines and areas of knowledge, and to evaluate the effects of such assumptions on research, teaching, and professional profiles of the disciplines.
3. Provide students with a solid understanding of ways in which "gender issues" involve not only the study of women, but, as centrally, the study of men, families, workplaces, organizations, nations, economies, science, industry, laws, sexual behavior and identities, customs, mass media, sports, leisure,

religion, and many other subject areas relevant to future careers of graduates.

4. Develop students' skills in undertaking research, critical analysis, and written and verbal presentations of their findings, and encourage a fully professional approach to the subject matter and content of the courses of the major.

Graduates will be prepared to enter the full range of graduate and professional education. Some will become specialized researchers and scholars. In addition, the gender studies major provides a sound background relevant to employment in a variety of occupations within the private sector, the professions, government, and the nonprofit sector. Graduates can pursue occupations in public relations, advertising, or the media. Others may become lawyers, doctors, journalists, social workers, or psychologists. Still others will work in education, social services, the arts, public administration, and international aid and social justice organizations.

### Required Courses

In addition to fulfilling the requirements for the B.A. degree in The College of Arts and Sciences, all Gender Studies majors must complete a minimum of 27 credit hours, including the following:

1. Required courses: G101 Gender, Culture, and Society, and G300 Gender Studies: Core Concepts and Key Debates.
2. Any three out of the following six core elective courses (9 credits).
  - G206 Gay Histories/Queer Cultures
  - G215 Sex and Gender in Cross Cultural Perspective\*
  - G290 History of Feminist Thought and Practice
  - G310 Representation and the Body
  - G335 Explaining Sex/Gender Differences
  - G410 International Feminist Debates\*
3. At least one course fulfilling the international/non-Western requirement (denoted by \* above).
4. Of the 21 credit hours majors must include the following:
  - One class at the 200 level
  - Three classes at the 300 or 400 level
  - One additional class at the 400 level

Additional electives to meet the 27 credit hour requirement are freely chosen by the student.

Joint-listed Gender Studies courses count toward these requirements. Additionally, students may petition to count one non-joint-listed course from outside the department toward their degree requirements. Students wishing to do so should contact the undergraduate academic advisor for additional information.

## Minor in Gender Studies

### Required Courses

An undergraduate Minor in Gender Studies requires a total of 15 credit hours of course work in the field, distributed as follows:

1. Six credit hours at the 100 level.

2. Six credit hours at the 200 or 300 level.
3. Three credit hours at the 400 level.
4. At least one course with an international/non-Western emphasis (see list in major).

Joint-listed Gender Studies courses count toward these requirements. Additionally, students may petition to count one non-joint-listed course from outside the department toward their degree requirements. Students wishing to do so should contact the undergraduate academic advisor for additional information.

## Honors Track

The Department of Gender Studies offers in-depth tutorial guidance to advanced students who wish to pursue honors research and thesis writing.

### Requirements

Outstanding students majoring in gender studies who are interested in departmental honors should submit an application to the department no later than the second semester of the junior year. To be eligible for the honors track, a student must first complete at least 15 credits of Gender Studies courses with a minimum GPA of 3.500, and must also have a 3.300 GPA overall. Students must have approval from the director of undergraduate studies or chairperson to be eligible for the honors track and must maintain these grade point averages in order to receive departmental honors. Starting at least two semesters prior to graduation, and after completing the requirements listed for eligibility, students must successfully complete a course of research reading (G495) and a senior honors thesis (G499) with a grade of B or higher in each course. A faculty sponsor of the student's choice (and with permission of the director of undergraduate studies or chairperson) will serve as a mentor. Students must fill out the appropriate application form and obtain the faculty mentor's signature as well as the approval of the director of undergraduate studies or chair before registering for G495 and G499.

In summary, students must:

- Maintain a 3.500 GPA in gender studies
- Maintain a 3.300 GPA overall
- Complete all requirements for major and degree
- Apply for departmental honors no later than the second semester of the junior year
- Take G495 and G499 consecutively during the senior year, earning grades of B or higher in each course
- Research and write an honors thesis which earns a grade of B or higher

Interested students should consult with the undergraduate academic advisor. Appointments may be scheduled through the department's main office at (812) 855-0101.

## Course Descriptions

### GNDR-G 101 Gender, Culture, and Society (3 cr.)

**A & H** Examination of the international emergence of the field of women's studies; the achievements and limitations of scholarly work exploring oppression and discrimination based on sex and sex differences; the development of the category "gender" and its uses and abuses; and the relevance of changing understandings of the term "culture" for the study of women, gender, and/

or sexuality across diverse historical periods, regions, nations, and societies. Exploration of a series of case studies. Particular attention devoted to the ways in which “gender” as practice, performance, and representation has differed for women and men according to race, class, and other divisions.

**GNDR–G 102 Sexual Politics (3 cr.) S & H** Investigation of cross-cultural meaning for the term “sexual politics,” from Kate Millet’s classic 1970 text to those offered by historians, social scientists, and other critics analyzing political structures, processes and mobilizations around sex, sex differences and sexual practices and statuses, including the inextricable links between sexual politics and “other/ mainstream” politics.

**GNDR–G 104 Topics in Gender Studies (1–3 cr.)** Analysis of selected ideas, trends, and problems in the study of gender across academic disciplines. Explores a particular theme or themes and also provides critical introduction to the challenges of analyzing gender within the framework of different disciplines of knowledge. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR–G 105 Sex, Gender and the Body (3 cr.) S & H** Examines the diverse and historically varying relationships forged between biological sex, culturally formulated discourses of masculinity and femininity, and the sexed body. With variable title and themes, the course may employ a range of different approaches, depending on the instructor. May be repeated once with a different topic for a maximum of 6 credit hours.

**GNDR–G 205 Themes in Gender Studies (1–3 cr.)** Exploration of a theme or series of themes arising from the study of gender, generally from within a particular discipline or subfield. The course will provide some critical reflection upon the challenges of analyzing gender within the framework of different disciplines of knowledge. Focus on specific instances, topics, or case studies, depending on the instructor. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR–G 206 Gay Histories, Queer Cultures (3 cr.) S & H** Examines the social, cultural, and political history of same-sex relationships and desires in the United States and abroad, emphasizing the historical emergence of certain American sexual subcultures, such as the modern lesbian and gay “movement” or “community.” The course also highlights particular formations such as race, class, and regional difference that interrupt unified, universal narratives of lesbian and gay history.

**GNDR–G 215 Sex and Gender in Cross Cultural Perspective (3 cr.) S & H, CSA** Investigation of forms in which gender, gender markings, gender meanings, and gender relations are arranged in different cultures of the world. Assessment of debates concerning the global salience of feminist claims about women’s “oppression,” political mobilization around gender, body rituals marking masculinity and femininity, indigenous women, and resistance to gender formations beyond Euro-American borders.

**GNDR–G 225 Gender, Sexuality, and Popular Culture (3 cr.) A & H, CSA** Examination of popular cultural “makings” of masculinity, femininity, and sexuality through typical representation of gender within fiction,

theater, cinema, radio, music, television, journalism, and other secular mass media. Analysis of the developing international telecommunications “superhighway” and struggles to secure increased representation of women and of feminist perspectives within existing culture industries.

**GNDR–G 230 Gendered Relations (3 cr.) S & H** Examines the gendered dynamics of social relations. Explores how gender and sexuality are imagined, constructed, and lived within a diverse set of institutions and cultural locations, such as the military, the antebellum slave plantation, the global sex market, the hospital, and the contemporary workplace.

**GNDR–G 235 Scientific Understandings of Sex and Gender (3 cr.) S & H** Interrogates the evolution of scientific approaches to, and conceptualizations of, the terminology of sex and gender from the perspective of the behavioral, medical, and social sciences. Topics may include: femininity, masculinity, and androgyny; femaleness, maleness, intersex, and transgender; heterosexuality, homosexuality, and bisexuality.

**GNDR–G 290 History of Feminist Thought and Practice (3 cr.) A & H** Introduction to historical and contemporary feminists. Critical focus is placed on criteria by which attributes of identifiable feminist discourses and their contexts may be evaluated. Disputes among feminist theorists with regard to the pertinence of differences ordained by sexuality, race, class, ethnicity, and other political and philosophical adherence emerge as central themes for appraisal.

**GNDR–G 300 Gender Studies: Core Concepts and Key Debates (3 cr.) P: G101.** Examination of the field of gender studies. Students will explore a series of themes through which gender is discussed, analyzed, and defined. Conceptual frameworks of gender, theories of sexuality, and the cultural and historical construction of the body are emphasized. Examination of gender as a contested category ranging across categories of race, ethnicity, class, and nationality.

**GNDR–G 302 Issues in Gender Studies (1–3 cr.)** This topical, variably titled course addresses selected ideas, trends, and problems in the study of gender across academic disciplines. It explores a particular theme or themes and also provides critical reflection upon the challenges of analyzing gender within the framework of different disciplines of knowledge. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR–G 303 Knowledge and Sex (3 cr.) S & H** Exploration of debates about knowledge as cultural production or representation, implicated in contemporary understandings of gender and sexual difference. Feminist critiques of various disciplines and fields are interrogated, in terms of their justifiability and coherence. Significant differences in interpretations offered by such critics are identified, and their impacts upon areas of knowledge during the twentieth century are assessed.

**GNDR–G 304 Constructions of Masculinity (3 cr.) S & H** An interdisciplinary examination of what constitutes (and has historically constituted) masculinity. Designed to illuminate the contested underpinnings of masculinity.

**GNDR-G 310 Representation and the Body (3 cr.)**

**A & H** Analysis of scholarship concerned with how the body is perceived, represented, and symbolically charged. This course examines concepts that include sexed bodies, desiring bodies, corporeality, body politics, and sociological bodily rituals. Thematically, the course investigates exterior/interior, solid/fluid, and sex/gender distinctions critical to discussions of the body.

**GNDR-G 325 Technologies of Gender (3 cr.) S & H**

Investigates “gendered” ways that technological transformations reshape social life, physical space, built environments, or medical research. Familiarizes students with how feminist inquiry remaps such fields as computer technology, urban and development studies, geography, medicine, or health sciences. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR-G 330 Looking Like a Feminist: Visual Culture and Critical Theory (3 cr.) A & H**

Advanced study of feminist film theory which examines gender in popular film from a variety of perspectives. Examines how cinema works as a “technology of gender,” how film constructs subject positions and identities, and what these constructions can tell us about how gender structures our culture.

**GNDR-G 335 Explaining Sex/Gender Differences**

**(3 cr.) S & H** Compares biological, psychological, and social theories regarding the development and maintenance of gender differentiated behavior, gender and sexual identities, and the meaning of sexed bodies. The course scrutinizes the social and cultural forces that magnify, minimize, or subvert the expression of gender differences.

**GNDR-G 340 Gender, Geography, Sex, and Space**

**(3 cr.) S & H** Examines the crucially important role that space and place play in the construction and maintenance of gender norms and sexual practices. Subjects may include the gendered history of the domestic domain, feminist critiques of architecture and urban planning, the modernist art of flaneurie, or the gendered and racial politics of imprisonment in the United States.

**GNDR-G 350 Queer Theory (3 cr.) A & H** Examines queer theory, particularly in relation to other intellectual/political movements (post-structuralism, critical race studies, feminism, gay and lesbian studies) which it both borrowed from and challenged. Focus on the ways in which queer theory articulates a radical transformation of the sex/gender system in opposition to normalizing and essentializing impulses.

**GNDR-G 399 Regulating Gender (3 cr.) S & H**

Explores the regulation of gender relations through the institutions of state, church, and/or civil society, including: public policies; laws and their enforcement; religions; ethical and moral norms; and other social conventions and cultural norms. Strong focus on cross-cultural and transnational comparisons. May be thematically concentrated around case studies.

**GNDR-G 402 Problems in Gender Studies (1–3 cr.)**

Topical seminar in gender studies. Analysis of a particular issue or problem that has generated debate within gender-related scholarship in a particular discipline, or across

several disciplines/fields of inquiry. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR-G 410 International Feminist Debates (3 cr.)**

**CSA** Investigation of debates among feminists as to whether aspirations towards global feminism are possible and desirable. The course compares concerns about the global situation of women, as articulated by international bodies such as the United Nations, with concerns articulated by feminists in different parts of the world.

**GNDR-G 425 Gender and Science: The Sexual Politics of Truth (3 cr.) S & H**

Examination of interdisciplinary interaction of feminist perspectives on science. Perspectives are diverse and have implications for different scientific disciplines—medical, physical, natural, and social. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR-G 430 Kinsey’s Sexual Behavior in the Human Female (1953): Genealogies and Legacies (3 cr.) S & H**

Examines Kinsey’s *Sexual Behavior in the Human Female* (1953) by undertaking an examination of the text itself, and its scientific, cultural, and sexual politics context, as well as its place in the genealogy of sexology and sex research and its impact and influence after Kinsey’s death in 1956.

**GNDR-G 435 Health, Sex, and Gender (3 cr.) S & H**

Examines health as it relates to female and male sexuality and to the roles and status of men and women in society. It explores public policy decisions related to medical research practices. Topics may include research about adult sexuality and personal health, contraception, sexual abuse, gender-specific diseases, and sexually transmitted diseases.

**GNDR-G 440 Feminism Between Woman Suffrage and the Pill (3 cr.) S & H**

What happened to feminism between the suffrage movement and the “swinging sixties”? Was feminism dead, or did it actually transform? How similar and how different was feminism before 1920 and after? Could a higher understanding of feminism in these decades recharacterize twentieth-century feminism as a whole?

**GNDR-G 450 Gender in Transition (3 cr.)**

Examines the emerging field of transgender studies. Surveys the evolution of the field and its key theoretical frameworks. Also offers an overview of gender-variant practices, identities, and communities in the United States and around the world.

**GNDR-G 480 Practicum in Gender Studies (3–6 cr., max of 6 cr.)**

**P:** Junior or senior standing; 12 credit hours of gender studies course work; consent of faculty advisor and department. Directed study of issues or policies related to gender or sexuality based on a field experience such as an internship. Directed readings, papers and/or an analytical journal may be required.

**GNDR-G 485 Gender and Discourse (3 cr.)**

Advanced-level analysis of cultural constitutions of gender in different cultures. Emphasis on understanding how different discourses operate with respect to gender, and how they can have a range of effects, including endorsement, unsettling, and resisting prevailing gender relations. May be repeated with a different topic for a maximum of 6 credit hours.

**GNDR–G 495 Readings and Research in Gender Studies (1–3 cr., max of 6 cr.)** P: Consent of instructor and department. Individual readings and research available for gender studies major and minor students. May, under unusual circumstances, be repeated twice for credit with a different topic.

**GNDR–G 498 Seminar in Gender Studies (3 cr.)** This course will highlight a particular problem, theme, or controversy confronting the interdisciplinary field of gender studies, situated in relation to the development of gender studies since the 1970s and its institutional and discursive setting.

**GNDR–G 499 Senior Honors Thesis (3–6 cr.)** P: Consent of faculty honors thesis advisor and department. Research and preparation of senior honors thesis. May be taken for a maximum of 6 credit hours.

## Geography

### Introduction

Courses offered by the Department of Geography (GEOG) form an important component of liberal arts and science education and also provide skills and knowledge necessary for careers in geography and related fields. The undergraduate program reflects the breadth of geography and its linkages to other social and physical sciences. Courses are in atmospheric science, human-environment interaction, geographic information science, human geography, and sustainable systems.

### Contact Information

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(812) 855-6303

[geog@indiana.edu](mailto:geog@indiana.edu)

<http://www.indiana.edu/~geog/>

## Faculty

### Chairperson

- Professor Scott Robeson

### Professors

- Rebecca Barthelmie
- Daniel C. Knudsen
- Sara C. Pryor
- Scott Robeson

### Associate Professors

- Tom Evans
- Tony Grubestic
- A. Faiz Rahman

### Assistant Professors

- Constance Brown
- Rebecca Lave
- Rinku Roy Chowdhury

### Assistant Scientist

- Danilo Dragoni

### Senior Lecturer

- Roman Zlotin

### Adjunct Faculty

- James J. Biles
- Bennet Brabson (Physics)
- Timothy Brothers (Indianapolis)
- Kelly Caylor
- Owen Dwyer (Indianapolis)
- C. Sue Grimmond
- Emilio Moran (Anthropology)
- Hans Peter Schmid
- Philip Stevens (School of Public and Environmental Affairs)
- Dallen Timothy (Arizona State University)
- Jeffrey Wilson (Indianapolis)

### Faculty Emeriti

- William R. Black
- Dennis Conway
- Charles Greer
- Ernest Wohlenberg

### Academic Advising

- Andy Ruff, Student Building 055, (812) 855-5725

## Major in Geography—B.A.

### Purpose

The B.A. degree is intended to provide a strong liberal arts degree focusing on the major subject areas of geography while maintaining a great deal of flexibility. The flexibility allows students to focus on a particular concentration area while also pursuing additional majors or minors in the College of Arts and Sciences.

### Required Courses

Students must complete the following:

1. Students must complete the B.A. degree requirements of the College of Arts and Sciences.
2. A minimum of 25 credit hours in geography, with at least 12 credit hours at the 300 or 400 level. At least 3 credit hours must be at the 400 level.
3. One course each in physical geography (either G107 or G109) and human geography (either G110 or G120) and two courses in geographic methodology (to be selected from G235, G237, G250, G336, G338, G350, G436, G438, or G488).
4. Students may choose:
  - i. the "Comprehensive" option, where courses are chosen from a number of Geography concentration areas **or**
  - ii. pursue a particular concentration from the list below.

For option (i), students may choose from all Geography courses such that requirements 1–3 above are met. For option (ii), at least 18 credit hours must be from a single concentration area. See below for course lists for the concentration areas (when the topic is relevant, G450 and G460 may be used as part of the concentration area). If a student chooses a particular concentration (but not the "Comprehensive" option), then this concentration area will appear on the student's transcript.

### Concentration Areas

Students may select one of the following concentration areas. Participating faculty are listed below with the appropriate specialties. Alternatively, the "Comprehensive" option may be chosen for students who want to draw courses from the full breadth of geography.

#### A. Atmospheric Science

Select from G237, G250, G304, G336, G338, G339, G350, G362, G405, G431, G433, G434, G442, G450, G451, G460, G470, G475; G477, G488, and G489. (Barthelmie, Brown, Dragoni, Pryor, Robeson)

#### B. Human-Environment Interaction

Select from G208, G235, G237, G305, G306, G315, G341, G343, G405, G411, G434, G440, G442, G449, G450, G451, G460, G461, G475, and G478. (Barthelmie, Brown, Evans, Lave, Roy Chowdhury)

#### C. Geographic Information Science

Select from G235, G237, G250, G336, G338, G436, G438, G439, G450, G460, and G488. (Evans, Grubestic, Rahman, Robeson, Roy Chowdhury)

#### D. Human Geography

Select from G235, G237, G302, G306, G314, G316, G320, G380, G415, G417, G449, G450, G460, and G488. (Evans, Grubestic, Knudsen, Lave)

#### E. Sustainable Systems

Select from G208, G235, G237, G302, G305, G315, G320, G332, G341, G343, G411, G415, G440, G442, G449, G450, G460, G461, G475, G478, and G488. (Barthelmie, Brown, Evans, Lave, Pryor, Robeson, Roy Chowdhury)

## Major in Geography—B.S.

### Purpose

The B.S. degree provides additional science requirements that prepare science-oriented students for graduate school and science-related jobs at the bachelor's degree level. Students pursuing a B.S. degree choose a concentration area of either Atmospheric Science or Geographic Information Science. See below for the list of courses in each concentration area.

### Required Courses

Students must complete the following:

1. Same geography requirements as the B.A. Only the Atmospheric Science or Geographic Information Science concentrations may be selected with the B.S. degree.
2. Mathematics: M211-M212.
3. Physics: P221-P222.
4. Biology: minimum of 6 credit hours including L111 and L473 or Chemistry C101-C121, C102-C122 or at least 6 credits in computer science at the 200-level or higher.
5. Statistics: K300 or G488.
6. 6 credit hours of mathematics, physics, biology, chemistry, or computer science at the 300 level or higher.
7. General education:
  - Writing: English composition (3 cr.) and intensive writing (3 cr.)

- Foreign Language: 3 credit hours at the second-year level
- Arts and Humanities: two courses
- Social and Historical studies: two courses, including at least one course from geography
- Natural and Mathematical Sciences: fulfilled by major
- Topics course: 3 credit hours
- Electives to fulfill remaining credits

### Atmospheric Science

Select from G237, G250, G304, G336, G338, G339, G350, G362, G405, G431, G433, G434, G442, G450, G451, G460, G470, G475; G477, G488, and G489. (Barthelmie, Brown, Dragoni, Pryor, Robeson)

### Geographic Information Science

Select from G235, G237, G250, G336, G338, G436, G438, G439, G450, G460, and G488. (Evans, Grubestic, Rahman, Robeson, Roy Chowdhury)

## Minor in Geography

Students must complete a minimum of 15 credit hours in geography including:

1. One course from G107, G109, G110, and G120.
2. One course in geographic methodology (to be selected from G235, G237, G250, G336, G338, G350, G436, G438, or G488).
3. At least 6 credit hours at the 300 or 400 level.

## Certificate in Atmospheric Science

### Purpose

The Certificate in Atmospheric Science provides a broad and rigorous introduction to the atmospheric sciences, allowing students to study variability in and changes to the modern atmosphere. Course work within the atmospheric sciences helps students to better understand atmospheric processes and their impacts on natural ecosystems and human society through the study of such topics as air pollution, biosphere-atmosphere interactions, climate variations, the water cycle, weather forecasting, and wind energy. The certificate also emphasizes the development of skills in scientific programming, meteorological instrumentation, and statistics.

### Requirements

As part of completing a bachelor's degree and in addition to completing the requirements for a major in another department, students may earn a certificate in Atmospheric Science. The certificate requires a minimum of 24 credit hours (i.e., 8 courses) in atmospheric science courses. Any course taken to satisfy the requirements of the certificate must be completed with a minimum grade of C, and the GPA of all courses taken in the certificate must exceed 2.700.

1. Basic foundation courses (All 3 required): G109, G250, G304.
2. Remaining credits (5 courses) to be chosen from G339, G350, G362, G405, G431, G433, G434, G442, G450, G451, G460, G470, G475, G477, G488, G489, PHYS P310, and SPEA E451.

**Note:** A transcriptable concentration in Atmospheric Science is available to B.A. and B.S. majors in Geography. The Certificate in Atmospheric Science is not available to students who are pursuing a major in Geography.

## Departmental Honors Program

Outstanding students majoring in Geography (B.A. or B.S.) who are interested in departmental honors should submit an application to the Director of Undergraduate Studies no later than the first semester of the senior year. To be eligible for the honors track, a student must first complete at least 15 credits of Geography courses with a minimum GPA of 3.500, and must also have a 3.300 GPA overall. Students must have approval from the Director of Undergraduate Studies or departmental chair to be eligible for the honors track. The GPA requirements must be maintained in order to receive departmental honors. Students must successfully complete a sequence of a readings course (G450) and a senior honors thesis (G499) with a grade of B or higher in each course. The readings course should result in a literature review and research proposal for the topic of the thesis. At the end of the G499 course, the student will present the research to a committee composed of at least two Geography faculty members. One of these faculty members serves as mentor and course administrator for G450 and G499. Students must fill out the appropriate application form and obtain the faculty mentor's signature as well as the approval of the Director of Undergraduate Studies or departmental chair before registering for G450 and G499.

Interested students should consult with the undergraduate advisor or the Director of Undergraduate Studies.

## Course Descriptions

**GEOG-G 107 Physical Systems of the Environment (3 cr.) N & M** Introduction to the physical principles governing the geographical distribution and interrelationships of the earth's physical features (atmosphere and oceans, landforms, soils, and vegetation). The course provides students with the background necessary to evaluate current environmental issues.

**GEOG-H 107 Physical Systems of the Environment, Honors (3 cr.) N & M** Designed for students with unusual aptitude and motivation. Covers same core material as G107 and substitutes for G107 as a prerequisite for other courses. Credit given for only one of H107 or G107.

**GEOG-G 109 Weather and Climate (3 cr.) N & M** Introduction to atmospheric processes responsible for weather. Elements of climatology and their variation in time and space. Weather forecasting, weather modification, and severe weather.

**GEOG-G 110 Introduction to Human Geography (3 cr.) S & H** An introduction to the principles, concepts, and methods of analysis used in the study of human geographic systems. Examines geographic perspectives on contemporary world problems such as population growth, globalization of the economy, and human-environmental relations.

**GEOG-G 120 World Regional Geography (3 cr.) S & H** Analysis of population, culture, environment, and economies of major world regions. Examination of issues

of global importance, including development, demographic change, urbanization and migration, and international conflict.

**GEOG-H 120 World Regional Geography, Honors (3 cr.) S & H** Designed for students with unusual aptitude and motivation. Covers same core material as G120 and substitutes for G120 as a prerequisite for other courses. Credit given for only one of H120 or G120.

**GEOG-G 208 Human/Environment Interactions (3 cr.) N & M** Just as people shape physical environments through agriculture, development, and resource use, environments shape us. This course focuses on the deeply interconnected ecological, hydrological, climatic, social, cultural, and economic forces at the core of human/environment interactions, and introduces the field of environmental geography.

**GEOG-G 220 Topics in Geography (3 cr.)** Examination of a topic from a range of geographic perspectives. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours. Only 3 credit hours may be applied to the geography major.

**GEOG-G 235 Introductory Geographical Methods (3 cr.)** Introduces geographical methodology in the major fields of study within geography (atmospheric sciences, environmental studies, geographic information systems, global studies, and human geography). Topics include map interpretation, paradigms of inquiry, simple statistical methods, instrumentation, introductory computer methods, fieldwork, and case studies.

**GEOG-G 237 Cartography and Geographic Information (3 cr.) N & M** Use of computers in the management of geographic information, including data storage, database construction, creation and production of maps and related representation of geographic data. Computer cartography laboratory, experimentation and interactive experience using GIS and mapping software.

**GEOG-G 250 Computer Methods in Geography (3 cr.)** P: M118 or M119 or M211, or consent of instructor. Introduction to scientific computing in geography, emphasizing practical applications. Topics include programming concepts, analysis of spatial data, and graphics. Numerous exercises give practical experience with the analysis and interpretation of geographic data. Both high-level programming and software packages are utilized.

**GEOG-G 302 Introduction to Transportation Analysis (3 cr.) S & H** Examination of movement of people, goods, and information over space using spatial analysis and planning techniques.

**GEOG-G 304 Physical Meteorology and Climatology (3 cr.)** P: Any introductory science course or consent of instructor. **N & M** Topics span all the scales of atmospheric processes—from climate change to weather forecasting and surface energy budgets. Students are introduced to the physical processes and properties of the atmosphere. Skills used to study and quantify atmospheric processes, such as the use of models and remote sensing, are also developed.

**GEOG-G 305 Environmental Change—Nature and Impact (3 cr.)** P: G107 or G109 or consent of instructor. **N & M** An integrated systems approach to examining the

forcing, system response, and impacts of environmental change. Specific case studies will be presented in addition to methods of documenting change and identifying natural variability versus change due to anthropogenic forcing.

**GEOG-G 306 The Geography of Current Issues (3 cr.)**

P: Junior standing or consent of instructor. An examination of current problems from a geographical perspective. The specific topic to be considered will vary from semester to semester. May be repeated once with a different topic for a maximum of 6 credit hours.

**GEOG-G 314 Urban Geography (3 cr.)** P: Junior standing or consent of instructor. **S & H** Study and interpretation of urban spatial structures, policies, and problems with an emphasis on geographic perspectives. Topics include urban housing markets, racial segregation, homelessness, and urban crime.

**GEOG-G 315 Environmental Conservation (3 cr.)**

P: Junior standing or consent of instructor. **S & H** Conservation of natural resources, including soil, water, wildlife, and forests as interrelated components of the environment emphasizing an ecological approach. Current problems relating to environmental quality.

**GEOG-G 316 Economic Geography (3 cr.) S & H**

The course familiarizes students with the global pattern of economic endeavor, and teaches basic economic geographic theory and how location decision making occurs.

**GEOG-G 320 Population Geography (3 cr.)**

P: Junior standing or consent of instructor. **S & H** Study of population growth, compositional change and redistribution at regional, national and global scales. Topics include population pressure, fertility control, aging of societies, AIDS epidemiology, immigration, and population policies.

**GEOG-G 323 Geography of Latin America (3 cr.)**

**S & H, CSA** A geographic introduction to Latin America: the Caribbean, Mexico, Central America, South America. Focus is on elements that give coherence and identity to geographic space in Latin America. Topics include the natural environment, settlement, the agrarian sphere, urbanization and industrialization, regional development issues, and geopolitical themes.

**GEOG-G 326 Geography of North America (3 cr.)**

**S & H** Continental and regional variations in terrain, climate, and economic and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.

**GEOG-G 332 Geographical Globalization (3 cr.)**

P: G110 or G120 or consent of instructor. **S & H** The importance of the geopolitical and geo-economic/ecological nature of the global reorganization of the world's systems. Course moves from the treatment of geographies of global change to a critical examination of the many dimensions of today's globalizing world—economic, technological, social, political, cultural, a state of affairs that is unruly and unprecedented.

**GEOG-G 336 Environmental Remote Sensing (3 cr.)**

P: Consent of instructor. **N & M** Principles of remote sensing of the earth and its atmosphere, emphasizing satellite data in visible, infrared, and microwave portions

of the electromagnetic spectrum. Emphasis on practical applications and digital image analysis.

**GEOG-G 338 Geographic Information Science (3 cr.)**

P: G237 or consent of instructor. **N & M** Overview of the principles and practices of geographic information systems (GIS). The course will deal with issues of spatial data models, database design, introductory and intermediate GIS operations, and case studies of real-world GIS applications. Laboratory exercises will provide significant hands-on experience. Lecture and laboratory.

**GEOG-G 339 Weather Analysis and Forecasting (3 cr.)**

P: G109 or G107 or consent of instructor. **N & M** Analysis and interpretation of meteorological data with a focus on forecasting applications for the mid-latitudes. Students learn the practical skills that weather forecasters use.

**GEOG-G 341 Ecological Restoration: Science and Politics (3 cr.) S & H**

Provides a broad overview of the deeply interconnected science and politics of ecological restoration in the United States. Through readings and discussions, covers topics including history, philosophy, ecology, geomorphology, and political economy of restoration.

**GEOG-G 343 Perspectives on Environmental**

**Decisions (3 cr.)** P: G208 or consent of instructor. **S & H** Reviews social science theoretical frameworks to explain environmental behavior and decisions, and implications for effective environmental management policies and methodologies. Topics include global changes in land/climate systems; sustainable development; property regimes; vulnerability and adaptation; integrative-interdisciplinary methods for environmental management; equity and participatory decision-making, etc.

**GEOG-G 350 Instrumentation and Field Methods in Atmospheric Science (3 cr.)**

P or C: G304 or consent of instructor. **N & M** Sampling, instrumentation, measurement, analysis, and interpretation of data concerning features and processes of the atmospheric environment. Use of field and laboratory equipment within the context of research and standard projects. Practical application of climatological and meteorological principles.

**GEOG-G 362 Dynamic Meteorology: Boundary-Layer Meteorology (3 cr.)**

P: G304, G107 or G109 or consent of instructor. **N & M** The atmospheric-boundary layer is the interface between the free atmosphere and the surface. Basic meteorological theory for processes in the atmospheric boundary-layer that scale from the microscale to the mesoscale. Aerodynamic and energy budget concepts. Development and application of boundary-layer models and associated parameterizations. Lecture and laboratory format.

**GEOG-G 380 Cultural Geography (3 cr.) S & H**

Familiarizes students with the basic concepts and ideas that underpin the study of cultural geography, including the history of cultural geography, the constitution of the cultural landscape, and how landscape fractures across the lines of ethnicity, gender, and age.

**GEOG-G 405 Hydroclimatology (3 cr.)**

P: G304. **N & M** Hydroclimatic processes at a range of spatial scales. Topics include cloud and precipitation processes, soil water physics, runoff and evaporation. Lecture and laboratory.



**GEOG-G 411 Sustainable Development Systems**

(3 cr.) P: G208 or consent of instructor. **S & H** An examination of the notion of sustainable development and its meaning as well as the manner in which it has been implemented in the areas of resources, agriculture, water, transport, cities, and tourism. How such systems can be implemented in developing and developed countries will also be examined.

**GEOG-G 415 Advanced Urban Geography (3 cr.)**

P: G314 or consent of instructor. **S & H** An in-depth examination of modern cities, growth dynamics, and sustainability. Explores a range of contemporary socioeconomic topics in an urban setting, including housing markets, segregation, crime, telecommunication, transportation, and regional development. Basic geographic models and spatial statistics are used to explore differences in urban areas.

**GEOG-G 417 Geography and Development (3 cr.)**

**S & H** Geographic perspective on the processes of development in the Third World with emphasis on neoliberalism and globalization, commodity chains, transnational corporations, multilateral organizations, labor relations, NGOs, consumption practices, sustainability, gender, and culture. Examination of alternative theories of the development process.

**GEOG-G 427 Russia and Its Neighbors (3 cr.) S & H,**

**CSA** Geographic problems and prospects of the former republics of the Soviet Union with an emphasis on political geography, environmental issues, population, urbanization, energy, and the location of economic activity.

**GEOG-G 428 Geography of Europe (3 cr.) S & H,**

**CSB** Emphasizes two interrelated topics within western Europe: common themes across the countries of Europe, and the distinctive cultures that make up the region. The course begins with a discussion of the physical landscape of Europe then takes up the cultural and economic landscape of the region. The course ends with a discussion of the various cultural regions within Europe.

**GEOG-G 431 Dynamic Meteorology: Synoptic to**

**Global Scales (3 cr.)** P: G304. R: G339, MATH M211-M212, and PHYS P221. **N & M** Introduction to dynamical processes at the synoptic to global scales. Principles of fluid dynamics and thermodynamics and their application to the atmosphere. Basic conservation laws and equations of motion. Topics covered also include planetary waves and blocking mechanisms, teleconnections, and the global general circulation.

**GEOG-G 433 Advanced Synoptic Meteorology and Climatology (3 cr.)**

P: G339 or G304 or consent of instructor. **N & M** Analysis and prediction of synoptic scale weather systems, emphasizing the mid-latitudes. Other topics include severe weather and atmospheric/oceanic teleconnections.

**GEOG-G 434 Air Pollution Meteorology (3 cr.)**

P: G304 or consent of instructor. **N & M** Analysis of the physical laws that govern the transport, transformation, and removal of atmospheric pollutants. Primary emphasis will be on physical and chemical processes, although biological impacts also will be considered.

**GEOG-G 436 Advanced Remote Sensing: Digital Image Processing (3 cr.)**

P: G336 or consent of

instructor. **N & M** Advanced remote sensing theory and digital image processing techniques with an emphasis on environmental applications. Hands-on computer exercises provide significant experience in introductory digital image processing for extraction of qualitative and quantitative information about the Earth's terrestrial environments.

**GEOG-G 438 Advanced Geographic Information Science (3 cr.)**

P: G338 or consent of instructor. **N & M** Intermediate and advanced topics in geographic information science and spatial analysis techniques using GIS software. This advanced course is for upper-division undergraduates and graduates who seek a greater understanding of this rapidly developing field and to learn how to construct, manage, and analyze their own GIS data and models.

**GEOG-G 439 Seminar in Geographic Information**

**Science (3 cr.)** P: G336, G338, and G436 or G438. **N & M** Applications of geographic information science principles in the collection and analysis of spatial data. Integration of GIS, remote sensing, and/or GPS technologies. Review of current literature on techniques, theory, technology, and applications with an emphasis on environmental issues. Discussions, laboratory, and research project. May be repeated with a different topic for a maximum of 6 credit hours.

**GEOG-G 440 Topics in Environmental Geography**

**(1-3 cr.)** P: G305 or G315 or consent of instructor. Selected topics focus on the human dimensions of environmental change/conservation. Example focus topics: population-environment interactions, transport-environment interactions, and urban-environment interactions. May be repeated four times with a different topic for a maximum of 12 credit hours.

**GEOG-G 442 Sustainable Energy Systems (3 cr.)**

P: Junior standing or consent of instructor. **N & M** Examination of current energy use and the role of renewable energy resources in meeting future demand. Covers the physical and technological basis for geothermal, wind, solar, hydro and marine energy, in addition to the environmental, economic, and social impacts of developing and utilizing these sustainable resources.

**GEOG-G 449 Political Ecology (3 cr.)**

P: G315, G320, G341 or G343, or consent of instructor. **S & H** An introduction to political ecology, an approach which focuses on the political-economic context of natural resource conflicts with particular attention to issues of equity, justice, and power. Covers the theoretical lineage of political ecology, its development over the last twenty years, and current hot topics in the field.

**GEOG-G 450 Undergraduate Readings and Research**

**in Geography (1-3 cr.; max of 6 cr.)** P: Consent of instructor. Individual readings and research in geography.

**GEOG-G 451 Water Resources: Semi-Arid**

**Environments (3 cr.)** P: G107 or G109 and at least one 300-level physical/biological science course or consent of instructor. **N & M** Investigates the hydro-micrometeorological and human dynamics of semi-arid ecosystems/environments.

**GEOG-G 460 Internship in Geographical Analysis**

**(1-6 cr.)** P: Consent of instructor. Faculty-directed study of

geographical problems based on an internship experience. Student's area of placement must be related to major field of study and may involve staff work or research. Maximum of 3 credit hours will count toward major. May be repeated for a maximum of 6 credit hours. Credit not given for both G400 and G460.

**GEOG-G 461 Human Dimensions of Global Environmental Change (3 cr.)** P: G208 or consent of instructor. **S & H** Introduction to global environmental change (GEC), focusing on the human causes and consequences of biophysical transformations of land systems. Emphasis on socioeconomic, political, institutional, and environmental dimensions of land change; tropical forests, grasslands, and urbanizing areas; international environmental regimes; spatial methodologies in GEC research, and integrated approaches.

**GEOG-G 470 Micrometeorology (3 cr.)** P: G304, MATH M211-M212, or consent of instructor. **N & M** Atmospheric processes at the micro and local scale. Topics include energy and mass exchange over simple nonvegetated surfaces, vegetated surfaces, nonuniform terrain, and inadvertent climate modification.

**GEOG-G 475 Climate Change (3 cr.)** P: At least two undergraduate physical science courses or consent of instructor. **N & M** Evidence for and theories of climate change over a range of time scales. Sources of natural climate forcing are presented, historical evolution of climate change is quantified, and model tools and climate projections are presented along with analyses of climate change impacts.

**GEOG-G 477 Topics in Atmospheric Science (3 cr.)** P: G304. **N & M** Selected topics in microclimatology, dynamic meteorology, statistical methods in climatology, climatic change, radiation theory, or other areas of climatology and meteorology. May be repeated once for credit with different topic.

**GEOG-G 478 Global Change, Food, and Farming Systems (3 cr.)** P: G208 or consent of instructor. **S & H** Introduction to food production and consumption systems, emphasizing linkages to land use and social change on food/farming system sustainability. Topics include urbanization, population growth, and economic liberalization; farming livelihoods, gender, and poverty; biotechnology; agro-ecology, global health.

**GEOG-G 488 Applied Spatial Statistics (3 cr.)** P: 6 credit hours of geography or consent of instructor. **N & M** Extension of traditional statistical analysis to spatial data. Spatial means and spatial variances, the examination of differences in samples over space, spatial autocorrelation, nearest neighbor analysis, map comparison techniques. Emphasis is on practical applications.

**GEOG-G 489 Atmospheric Data Analysis (3 cr.)** P: An introductory course in statistics or consent of instructor. **N & M** Introduction to methods of data analysis used in the atmospheric sciences, emphasizing applications. Topics include statistical forecasting, spatial interpolation, spectral analysis and filtering, vector data analysis, and model evaluation.

## Geological Sciences

### Introduction

The Department of Geological Sciences (GEOL) provides training for those who want to become professional geologists and seek careers in the application of earth sciences to the minerals, energy, and environmental industries as well as federal and state agencies, research laboratories, and postsecondary education. The department also provides preparation for students who wish to teach earth science at the secondary school level, and for those who seek a general knowledge of geology and its relationship to other sciences.

### Contact Information

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<http://geology.indiana.edu/>

## Faculty

### Chairperson

- Professor Simon Brassell

### Professors

- Abhijit Basu
- David Bish
- Simon Brassell
- Jeremy Dunning
- Michael Hamburger
- Peter Ortoleva (Chemistry)
- Gary Pavlis
- Lisa Pratt
- Edward Ripley
- Juergen Schieber
- Robert Wintsch

### Associate Professors

- James Brophy
- Claudia Johnson
- Greg Olyphant
- David Polly
- Chen Zhu

### Assistant Professor

- Kaj Johnson
- Laura Wasylenki

### Senior Scientists

- Chusi Li
- Arndt Schimmelmann
- John Steinmetz (Geological Survey)

### Assistant Scientists

- Erika Elswick
- Peter Sauer

### Senior Lecturer

- Bruce Douglas

**Director of Undergraduate Studies**

- Professor Robert Wintsch, Geology 325, (812) 855-4018

**Academic Advisor**

- Andy Ruff, Geology 223, (812) 855-0241

**Major in Geological Sciences—B.A.****Purpose**

The B.A. in geology provides a broadly based background in the fundamentals of the geological sciences. It offers maximum flexibility in course selection to enhance interdisciplinary study and makes a double major easily accessible to students in related fields.

**Required Courses**

Students must complete 31 credit hours, including the following:

1. 25 credit hours of courses in the geological sciences, to include
  - At least one course at the 100 level, with a maximum of three courses
  - At least one course at the 200 level, with a maximum of two courses
  - At least one course at the 300 level
  - At least one course of 3 or more credits at the 400 level
  - Course work at the 200, 300, or 400 level to reach a minimum of 25 credit hours in geological sciences
2. At least 6 additional credit hours of College of Arts and Sciences courses that carry Natural and Mathematical Sciences distribution credit, chosen from a department or departments other than Geological Sciences.

Students must also complete the degree requirements of the College of Arts and Sciences.

**Major in Geological Sciences—B.S.****Purpose**

The B.S. curriculum includes more science requirements than the B.A. and is designed for students who plan advanced study or professional employment in the geological sciences.

**Required Courses**

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Foreign language, 3 credit hours at the second-year level.
3. Arts and humanities, two courses.
4. Social and historical studies, two courses.
5. Natural and mathematical sciences, fulfilled by major.

The requirements for the major are:

1. Any two formal 100-level courses in the geological sciences. G111, G112, or G104 is recommended.
2. G221, G222, G323, G334, and G429.
3. Three formal 3 or 4 credit hour geological sciences courses at the 400 level.
4. Chemistry C117; C118 is recommended.
5. Mathematics M211 and M212.

6. Physics P221 and P222.
7. Biology L111 or L112.
8. Two courses at the 300 or 400 level, intended for science majors, selected from Biology, Chemistry, Physics, or Mathematics. Recommended courses include Biology B300 or Z374; Chemistry C360 or C361; Mathematics M311 or M343; and Physics P331 or P340. These courses must be selected from two different departments.
9. One additional formal 3 credit course at the 300 or 400 level from any of the following departments: Biology, Chemistry, Mathematics, or Physics, **or** one additional formal 3 credit geological sciences course at the 400 level.

Students should satisfy the 100- and 200-level allied sciences and mathematics requirements at the earliest possible date.

Students must also complete the degree requirements of the College of Arts and Sciences.

**B.S. Geological Sciences/M.S. Secondary Education**

In an effort to address the shortage of Indiana high school teachers in certain subjects, the College, in conjunction with the IU School of Education, offers an accelerated five-year program in which students can obtain a B.S. in Geological Sciences and an M.S. in Secondary Education and also complete all requirements for State licensure in Secondary Education. Under this program, students complete all of the course work required for the Geological Sciences concentration (B.S.) by their eighth semester at IU. Continuing in the summer after their fourth year and then in a fifth year of study, students complete all of the requirements for the M.S. in Secondary Education with licensure.

Students must apply and earn admittance to the School of Education's Secondary Transition to Teaching and the Master of Science in Education programs during the fall semester of their senior year. After they have completed a minimum of 90 credit hours in the College of Arts and Sciences and satisfied the fundamental skills, distribution, and concentration requirements for the B.S. in Geological Sciences, students may apply up to 32 credit hours earned in the School of Education as College electives. The requirements for the B.S. in Geological Sciences must be completed before student teaching begins in the final spring semester of the five-year program. The two degrees (B.S. in Geological Sciences and M.S. in Secondary Education) are awarded simultaneously.

Students considering this program should seek advising from both the Department of Geological Sciences and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

**Minor in Geological Sciences****Required Courses**

Any 15 credit hours in formal (3 credit or more) geological sciences classes including:

1. No more than one course at the 100 level.
2. Either G221 and G222 or G225.

3. At least one course at the 300 level and at least one course at the 400 level.

## Departmental Honors Program

Outstanding students who maintain a minimum grade point average of 3.300 are encouraged to participate in the honors program. Admission is gained through consultation with the departmental honors advisor, usually no later than the beginning of the junior year. An honors student may take special reading courses and enroll in honors sections of regular undergraduate courses. To complete the program and graduate with honors, the student must undertake a research project that leads to a thesis no later than the end of the senior year. If the research is taken for 3 credit hours (G499), a formal written report may be substituted for one 400-level geological sciences course to fulfill the advanced science/mathematics requirement. The research is guided by a faculty member, and the student is examined orally by a committee consisting of three faculty members. Research facilities are available on the Bloomington campus and at the Geologic Field Station in Montana.

## Course Descriptions

**GEOL-G 103 Earth Science: Materials and Processes (3 cr.) N & M** Introduction to origin and classification of minerals and rocks. Relationships between rock types, rock structures, surficial geological processes of running water, subsurface water, glaciation, wind, tides, and landform evolution. Geologic time. Two lectures and one demonstration/ laboratory each week. Credit given for only one of the following: G103, G111.

**GEOL-S 103 Earth Science: Materials and Processes Honors (3 cr.) N & M** Introduction to the origin and classification of minerals and rocks. Relationships between rock types, rock structures, surficial geologic processes of running water, subsurface water, glaciation, wind, tides, and landform evaluation. Two lectures and one laboratory each week. Credit given for only one of S103, G103, or G111.

**GEOL-G 104 Evolution of the Earth (3 cr.) N & M** Earth's history interpreted through 4.5 billion years. Deductive approach to understanding the significance of rocks and fossils and reconstructing the plate-tectonic origin of mountains, continents, and ocean basins. A survey of events in earth's evolution relevant to contemporary environmental concerns. Two lectures and one laboratory each week. Credit given for only one of G104, S104, or G112.

**GEOL-S 104 Honors Evolution of the Earth (3 cr.) N & M** Earth's history interpreted through 4.5 billion years. Deductive approach to understanding the significance of rocks and fossils and reconstructing the plate-tectonic origin of mountains, continents, and ocean basins. A survey of events in earth's evolution relevant to contemporary environmental concerns. Two lectures and one laboratory each week. Credit given for only one of S104, G104, or G112.

**GEOL-G 105 Earth: Our Habitable Planet (3 cr.) N & M** Introduction to planet Earth as a dynamic and complex global system. Course materials will demonstrate physical and chemical linkages between biosphere, atmosphere, hydrosphere, and geosphere that directly impact lifestyles

of human populations at time scales of years to centuries. Two lectures and one laboratory each week.

**GEOL-G 111 Physical Geology (3 cr.) P:** One high school or college course in chemistry. **N & M** Basic concepts of geology. Formation of rocks, erosion and landscape evolution, plate tectonics, interpretation of earth processes from geological data. Two lectures and one laboratory per week. One required field trip. Restricted to prospective geology and other science majors. Credit given for only one of the following: G103, G111.

**GEOL-G 112 Historical Geology (3 cr.) P:** G111 or consent of instructor. **N & M** Principles of interpreting earth history from geological data. Geologic time, biological evolution, plate tectonics, and ancient environments. Two lectures and one laboratory per week. One required field trip. Credit given for only one of G112, G104, or S104.

**GEOL-G 114 Dinosaurs and Their Relatives (3 cr.) N & M** Origin and evolution of vertebrates including dinosaurs and their distant relatives such as fish, amphibians, birds, and mammals. Course will focus on dinosaur evolution, paleobiology, paleoecology, and extinction. The scientific method and quantitative and qualitative methodologies will be presented. Two lectures and one demonstration each week. II Sem.

**GEOL-G 116 Our Planet and Its Future (3 cr.) N & M** The interaction between geologic and environmental processes in the earth. Special emphasis on how these processes affect public policies and laws. Multimedia exercises and videotape presentations (made specifically for this course) are included. Two lectures and one discussion section/laboratory per week.

**GEOL-G 121 Meteorites and Geological Processes in Planets (3 cr.) N & M, TFR** Geological processes operative on earth-like planetary bodies and asteroids; evidence from current meteorite, lunar, Martian, and space research; quantitative and deductive exercises. For non-science majors. Credit given for only one of G121 and S121.

**GEOL-S 121 Meteorites and Geological Processes in Planets, Honors (3 cr.) N & M, TFR** For Hutton Honors College students and those with unusually good aptitude or preparation. Credit given for only one of S121 and G121.

**GEOL-S 124 Honors Geology (3 cr.) N & M** Physical, chemical, and biological processes of the Earth's evolution as a planet. Principles of geological reasoning. Two 75-minute seminars a week; six quizzes, one final examination, no laboratory. Credit not given for S124 and any of G103, G104, G105, G111, and G112, I Sem., II Sem.

**GEOL-G 125 Processes in the Geological Sciences (2 cr.) P:** One 100-level course from the geological sciences. May be taken concurrently with G221. This laboratory-based course is designed to provide familiarity with the geological processes that are critical for understanding both the geological past and modern geological activity. Course intended for geological sciences majors but open to other science majors.

**GEOL-G 131 Oceans and Our Global Environment (3 cr.) N & M** Introduction to oceanography, with emphasis on ocean-atmospheric interaction and global climate, plate

tectonics and morphology of the ocean basins, marine geology, energy resources, environmental problems due to sea-level rise, coastal erosion, oil spills, and life in the sea. Two lectures and one laboratory each week.

**GEOL-G 134 Records of Global Climate Change (3 cr.)**

**N & M** Explores interactions of astronomic, physical, chemical, and biological processes that control global climate. Examines modern and ancient records of global temperatures and atmospheric compositions, and patterns of ice and vegetation. Evaluates media coverage of climatic issues and international efforts to mitigate the impacts of human activities.

**GEOL-G 141 Earthquakes and Volcanoes (3 cr.)**

**N & M, TFR** Examination of the causes and effects of earthquakes and volcanic activity. Impacts of earthquakes and volcanic eruptions, including secondary effects such as landslides, mudflows, and tsunamis; climactic effects; energy/mineral resources; and social disruption. Mitigation of effects of natural disasters. Two lectures and one laboratory per week.

**GEOL-G 150 Exploring Extraterrestrial Life in Martian Rocks (3 cr.)**

**N & M** Concept of life and fossils in geology. Purpose, strategy, and processes of data collection. Web-derived data from NASA, LPI, PSR, and JPL on Martian meteorites. Evaluation of evidence of life in Mars. In-class/lab writing is required.

**GEOL-G 161 Earth Resources (3 cr.)**

**N & M** An overview of the location, genesis, extraction, utilization of, and exploration for natural resources, including petroleum, coal, uranium, industrial minerals, gems, and metallic ores. Environmental issues related to resource extraction and processing, and the role of mineral and energy reserves in international economics are examined. Two lectures and one laboratory per week.

**GEOL-G 171 Environmental Geology (3 cr.)**

**N & M** Examination of natural and man-induced geologic hazards: earthquakes, volcanoes, landslides, and land subsidence; environmental issues; disposal and management of solid, chemical, and radioactive waste; acid mine drainage, as well as the environmental impact of mineral extraction and water resource utilization. Two lectures and one laboratory per week.

**GEOL-G 188 Volcanoes of the Eastern Sierra Nevada: Geology and Natural Heritage of the Long Valley Caldera (3 cr.)**

**P:** LLC L100 or consent of instructor. **N & M, TFR** Introductory-level field course. Introduces students to the natural history of the eastern Sierra Nevada mountains. Focuses on the geological processes, natural hazards, and environmental issues facing a unique and environmentally sensitive area of the western United States. I SS.

**GEOL-G 190 The Evolving Earth (1-3 cr., max of 3 cr.)**

Processes that have produced the earth and are continuing to change it. Topics include origin and evolution of life, dynamic forces within the earth (earthquakes and volcanism), geological sources of energy, and the effect of humans on the geologic environment. Occasional field trips.

**GEOL-Q 203 Earth Science for Teachers (4 cr.)**

**P:** PHYS Q202. Introduction to origin, composition, and structure of the lithosphere, hydrosphere, and atmosphere

as well as the interrelationship among spheres. Modern astronomy, including solar system, origin of stars, astronomical measurement, and astrogeology. Special emphasis on subjects commonly taught in elementary schools. Credit available only to students majoring in elementary education.

**GEOL-G 221 Introductory Mineralogy (4 cr.)**

**P:** College-level course in chemistry. **C:** College-level course in chemistry. **N & M** The assembly of minerals from atoms in nature. Atomic bonding, structures, and symmetry. Control of physical properties by symmetry. Interaction of light with crystals. Crystal fields and forces driving the growth of crystals from melts and aqueous solutions. The chemistry of silicates and other minerals. Three lectures, one two-hour lab. Credit given for only one of GEOL G221 or G225. I Sem.

**GEOL-G 222 Introduction to Petrology (4 cr.)**

**P:** G221. **N & M** Study of the principal representatives of the major chemical groups of minerals. Emphasis on rock-forming and useful minerals, their crystal structure, chemistry, physical properties, association, and occurrence. Study of major rock types. Two lectures and one three-hour laboratory per week. II Sem.

**GEOL-G 225 Earth Materials (4 cr.)**

**P:** One course in chemistry. **N & M** This course sequentially considers minerals, rocks, sediments, and soils; the materials that comprise the solid earth. The distribution and environmental significance of these materials are studied, as are their chemical and physical interactions with groundwater and plants. Three 50-minute lectures and one 2-hour laboratory per week. Laboratory attendance is required. Credit given for only one of GEOL G225 or G221.

**GEOL-G 300 Environmental and Urban Geology (3 cr.)**

**P:** One course in physical or general geology or physical geography. **N & M** Significance of regional and local geologic features and processes in land use. Use of geologic factors to reduce conflict in utilization of mineral and water resources and damage from geologic hazards.

**GEOL-G 302 Development of the Global Environment (3 cr.)**

**P:** One semester of college chemistry, physics, or astronomy; MATH M118 or equivalent. **N & M** Origin of the chemical elements, formation of the solar system and planets, development of the terrestrial atmosphere and rise of atmospheric oxygen, evolution of complex life, and prospects for the future of our planet.

**GEOL-G 316 Mineral Fuels and Materials (3 cr.)**

**P:** One course in general geology. **N & M** Origin of petroleum, coal, industrial minerals, and ore deposits; reserves, resources, and future needs; history, economic, and environmental considerations; national minerals policy; and international aspects of energy and raw materials distribution.

**GEOL-G 319 Elementary Field Geology (2 cr.)**

**P:** MATH M014 or equivalent. **C:** MATH M014 or equivalent. Use of geologic surveying instruments; aneroid barometer, Brunton pocket transit, telescopic alidade. SS.

**GEOL-G 321 Field Geology for Business Students (3 cr.)**

**P:** G103 or G104 or consent of instructor. **N & M** A field-based course taught in Montana. General topics include topographic and aerial maps and their role in

resource exploration; rocks, minerals, and associated industrial uses; oil, natural gas, groundwater migration and concentration, mining and environment, streams (economic importance, floodplains, practical uses and limitations).

**GEOL-G 323 Structural Geology (4 cr.)** P: G104 or G112. P or C: G222. **N & M** Geometry and origin of folds, faults, joints, and cleavage. Modes and principles of rock deformation. Regional tectonics of selected fold-mountain systems. Laboratory and field trip. II Sem.

**GEOL-G 329 Introductory Field Experience in Environmental Science (5-6 cr.)** P: One course in environmental science and G225. **N & M** Introduction to field-based scientific investigations. Experience in various environmental sciences including ecology, environmental chemistry, geology, hydrology, and meteorology. Field exercises are carried out within an instrumented demonstration watershed close to the IU Geologic Field Station in Montana. Course includes visits to several Superfund sites. SS.

**GEOL-G 334 Principles of Sedimentology and Stratigraphy (4 cr.)** P: G222. Interrelationship of sedimentation and stratigraphy; processes and factors influencing genesis of sedimentary strata; provenance, depositional environment, sedimentary facies, paleoecology; analytical techniques; application of principles of interpretation of stratigraphic record. Laboratory study of sediments and sedimentary rocks. I Sem.

**GEOL-G 351 Elements of Hydrology (3 cr.)** P: C118, P201/P221, and M212 or M216, or consent of instructor. Introduction to hydrology, physical properties of water relating to heat transfer and flow, phases of water and phase changes, water as a solvent and transporting agent, water budgets at various scales of inquiry, fluid pressure and potential, and fluid flow at the surface and subsurface of the earth.

**GEOL-G 399 Reading for Honors (1-6 cr., max of 12 cr.)** P: Approval of departmental honors advisor. I Sem., II Sem.

**GEOL-G 404 Geobiology (3 cr.)** P: G334 and BIOL L111 or L112. Application of biological principles and use of fossils in the study of earth history. Origin of life and the early fossil record; evolution; approaches to taxonomy; chemistry of fossils; ecology of ancient life; use of fossils in the solution of geologic problems.

**GEOL-G 406 Introduction to Geochemistry (3 cr.)** P: G222, MATH M212 or M216, and CHEM C118; or consent of instructor. Chemistry in the study of the earth, employing elementary chemical thermodynamics, the phase rule, chemical equilibria, redox reactions, the radioactive decay law, and organic chemistry.

**GEOL-G 410 Undergraduate Research in Geology (1-6 cr.)** P: Junior standing and consent of advisor. Field and laboratory research in selected problems in geology. May be repeated for a maximum of 6 credit hours. I Sem., II Sem., SS.

**GEOL-G 411 Invertebrate Paleontology (3 cr.)** P: BIOL L111 or L112, and one 300- or 400-level course in biology or geology. Structure, classification, habitats, and

geological history and significance of the invertebrate phyla. Laboratory study of fossils.

**GEOL-G 413 Introduction to Geophysics (3 cr.)** P: PHYS P202 and P222 and MATH M212 or M216.

Application of physics in the study of geologic and environmental problems. Theory and application of seismic, gravity, magnetic, and electric methods in exploration of the earth's subsurface, with emphasis on near-surface processes. Two lectures and one laboratory per week.

**GEOL-G 415 Geomorphology (3 cr.)** P: G222; college chemistry and mathematics or consent of instructor. Natural processes that form landscapes, surficial geologic materials and soils. Physics and chemistry of weathering. Dynamics of streams, wind, waves, glacier ice, and mass movement. Interactions of geomorphology and environment.

**GEOL-G 416 Economic Geology (3 cr.)** P: G334; CHEM C118 or consent of instructor. Geologic occurrence and genesis of economic mineral deposits, including petroleum and coal. Introduction to mining, processing, and exploration methods. Two lectures and one 2-hour laboratory per week.

**GEOL-G 417 Optical Mineralogy (3 cr.)** P: G222. Theory and use of optics in the identification and classification of rock-forming minerals in fragments and thin sections. One lecture and two 2-hour laboratory meetings per week.

**GEOL-G 418 Igneous and Metamorphic Petrology (3 cr.)** P: G222 or equivalent. The petrogenesis of igneous and metamorphic rocks. Both the lecture and laboratory portions of the course stress the application of modern petrographic, mineralogic, geochemical, and phase equilibria techniques to the solution of relevant petrologic problems. Two lectures and one 2-hour laboratory meeting per week.

**GEOL-G 419 Sedimentary Geology of Dinosaur-Bearing Rocks (2 cr.)** Five-day, six-night field course in Wyoming for primary and secondary science educators requiring licensing certification renewal. Focus is on presenting simple concepts of geology and paleontology utilized in reconstructing the ancient landscape, climate, and environments of deposition of important dinosaur-bearing formations. Additional course fee required.

**GEOL-G 420 Regional Geology Field Trip (1-2 cr.)** P: Consent of instructor. Field investigation of selected regions of North America for study of mineralogic, lithologic, stratigraphic, structural, paleontologic, geomorphologic, or other geological relationships. Six to 15 days in the field. May be repeated.

**GEOL-G 423 Methods in Applied Geophysics (4 cr.)** P: G413 or equivalent. Application of geophysical principles to field and laboratory experiments, with emphasis on data acquisition, analysis, and geologic interpretation. Experiments include earthquake seismology, electrical resistivity, magnetic and gravity surveys, and reflection and refraction seismology.

**GEOL-G 424 Geographic Information Systems Applications in Geology (3 cr.)** Concepts and use of geographic information systems (GIS) and global positioning system (GPS) technologies are introduced during intensive laboratory sessions. Fieldwork, conducted

in the Indiana University Research and Teaching Preserve, involves mapping of pertinent features using GPS units followed by additional data collection aimed at attributing specific mapped features.

**GEOL-G 426 Field Techniques in Basin Analysis (1-3 cr.)** P: G334. R: G323. Instruction in sedimentological techniques including facies, paleocurrent and provenance analysis; measured sections, facies mapping and approaches to regional study of sedimentary basins in the field. Application of these techniques to actual field problems in basin analysis. May be repeated for a maximum of 3 credit hours.

**GEOL-G 427 Introduction to X-ray Mineralogy (3 cr.)** P: G221. Advanced topic in mineralogy, including non-ideal solid solutions, order-disorder, exsolution, and strain. Theory and practice of X-ray powder diffraction. Measurement and analysis of digital diffraction data, including profile fitting and Rietveld refinement. Two lectures and one 2-hour laboratory per week.

**GEOL-G 429 Field Geology in the Rocky Mountains (5-8 cr.)** P: G222, G323 Six weeks, including five weeks at the Geologic Field Station in Montana. Geologic reconnaissance, measurement of stratigraphic sections, mapping on aerial photographs, construction of structure sections. Regional geomorphology, stratigraphy, and structure through South Dakota, the Black Hills, Wyoming, Montana, Yellowstone Park, and Glacier Park. SS.

**GEOL-G 444 Methods in Analytical Geochemistry (1-2 cr.)** An overview of basic collection and preparation of water, soil, and geologic materials for analysis by analytical geochemistry techniques for environmental, and exploration geology, and geochemistry applications. Techniques include Inductively Coupled Plasma (ICP), Atomic Spectrometry Absorption (AAS) by flame and graphite furnace, X-ray fluorescence, and Leco carbon and sulfur concentration determinations. May not be repeated.

**GEOL-G 451 Principles of Hydrogeology (3 cr.)** P: C118, M212 or M216, and consent of instructor. Physical and chemical properties of water; chemical equilibria and stable isotopes in groundwaters; acid drainage, landfills, and agricultural pollution; Darcy's Law, fluid potential, unsaturated flow; fluid and aquifer properties affecting groundwater flow; fluid mass-balance equation and its application; contaminant transport.

**GEOL-G 454 Fundamentals of Plate Tectonics (3 cr.)** P: G323, G334 or consent of instructor. **N & M** Synthesis of observations from diverse disciplines of geology leading to the development of modern plate tectonic theory. Applications of plate tectonic principles to fundamental problems of continental and marine geology. Meets jointly with G554.

**GEOL-G 490 Undergraduate Seminar (1-2 cr.)** Open to junior and senior majors by special permission. Readings and discussion of selected topics. May be repeated for a maximum of 4 credit hours.

**GEOL-G 499 Honors Research in Geology (1-6 cr.)** P: Approval of departmental honors advisor. May be repeated for a maximum of 6 credit hours. I Sem., II Sem., SS.

## Germanic Studies

### Introduction

The Department of Germanic Studies (GER) offers a full curriculum including German language, linguistics, literature, and culture, as well as courses in Dutch, Yiddish, and Norwegian. Faculty members teach at all levels; class sizes are moderate to small; and there are many opportunities for direct student-faculty contact.

Many Germanic studies majors complement their study of German with a major in another department or with a teaching certificate. The department encourages students with interests in business or international studies to learn German.

Information on exams for placement and credit can be found in the section of this *Bulletin* entitled "*Foreign Language*," which appears under "Fundamental Skills Requirement," which, in turn, appears under "Degree Requirements."

### Contact Information

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## Faculty

### Chairperson

- Professor Kari Ellen Gade

### Professors

- Kari Gade
- Hildegard Keller
- Dov-Ber Kerler
- William Rasch
- Rex Sprouse
- Marc Weiner

### Associate Professors

- Claudia Breger
- Fritz Breithaupt
- Michel Chaouli
- Tracy Alan Hall

### Assistant Professors

- Susanne Even
- Benjamin Robinson
- Johannes Türk
- Brigitta Wagner

### Senior Lecturer

- Esther Ham

### Lecturers

- Troy Byler
- Nikole Langjahr
- Gergana May

**Academic Advising**

- Sioux Hill, Ballantine Hall 873, (812) 855-1157

**Secondary Teacher Certification**

For information on Secondary Teacher Certification, interested students should consult the [School of Education Undergraduate Academic Bulletin](#) and the advisor for Germanic Studies.

**Major in Germanic Studies****Required Courses**

Students must complete 26 credit hours of Germanic Studies course credit at the 300 and 400 level, including at least 20 credit hours in courses taught in German. At least 12 of these 20 credit hours must be at the 400 level.

Students must also complete the degree requirements of the College of Arts and Sciences.

**Minor in German****Required Courses**

Students must complete 15 credit hours of Germanic Studies course credit at the 300 and 400 level, including at least 12 credit hours in courses taught in German.

**Minor in Germanic Studies****Requirements**

Students must complete 15 credit hours of Germanic Studies course credit at the 300 and 400 level. Courses may include 300-level English-language courses, as well as any course or courses taught in German, Dutch, Norwegian, or Yiddish at the 300–400 level. No course taken in fulfillment of another major or minor in the department may be applied to the Minor in Germanic Studies.

**Minor in Dutch Studies****Courses Required**

Students must complete the following:

- N150
- N200
- N250
- E341
- E342

**Minor in Norwegian****Required Courses**

Students must complete the following:

1. K150, K200, K250.
2. 6 additional credit hours chosen from E361, E362, E363, or HIST-B 303/D300/CEUS R309 (approved topic: Modern Scandinavia and the Baltic States).

**Minor in Yiddish Studies****Required Courses**

Students must complete the following:

1. GER-Y 150 (4 cr.).
2. GER-Y 200 (3 cr.).
3. GER-Y 250 (3 cr.).
4. 6 additional credit hours chosen from GER-E 351/CMLT-C 377; GER-E 352/CMLT-C 378; GER-Y 495; or HIST-D 304.

**Departmental Honors Program**

Students are identified as potential candidates for the honors program through recommendation by a professor in any 300- or 400-level course. Outstanding students with a minimum grade point average of at least 3.500 in German courses and a 3.300 GPA overall may apply for admission to the honors program.

In addition to regular course work toward a major in Germanic studies, honors students complete from one to three honors tutorials (G399) and an honors thesis (G499). Honors work is guided and approved by the departmental honors advisor, who also serves as the candidate's major advisor. Work in G399 and G499 is closely supervised by individual faculty members. On the basis of outstanding performance in the regular major program, in tutorials, and on the thesis, the departmental honors advisor will recommend graduation with departmental honors in Germanic Studies. For detailed information, please contact the honors advisor.

**Overseas Study**

All students who have completed G250 or the equivalent may apply to participate in Indiana University's Overseas Study Program in Graz, held each year in May and June. This program features residential placement with Austrian families, while each student takes an Austrian culture course and a German language course.

Students with 300-level proficiency or higher may spend one or both semesters of their junior or senior year, with full credit, at the Indiana University Overseas Study Program in Freiburg, Germany. With consent of the dean, the junior year may be taken in other overseas programs in Germany or Austria. Before enrolling in foreign institutions, students must consult the director of undergraduate studies. For information about study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

**German at the German House**

The German House offers extracurricular activities such as, a weekly language table, German film showings, and museum tours. For more information on German House events please contact the department.

**Course Descriptions****German****Courses Taught in German**

To advance to some higher-level German courses, students must earn a grade of C– or higher in the preceding course.

**GER–G 100–G 150 Beginning German I–II (4–**

**4 cr.)** P: for G150: G100 with a minimum grade of C–. Introduction to present-day German and to selected aspects of the cultures of German-speaking countries. Introduction to German grammatical forms and their functions. Development of listening comprehension, simple speaking proficiency, controlled reading skills and simple written compositions. Active oral participation required. Credit given for only one of the following: G100–G150 or G105. I Sem., II Sem., SS.

**GER–G 105–G 106 Accelerated Elementary German I–II (5–5 cr.)** R: Highly motivated students or those with



proficiency in another foreign language. All elements of grammar, principles of word formation, phonetic and phonemic concepts, structure analysis, extensive reading, and active use of German. Credit given for only one of the following: G105 or G100–G150. Credit given for only one of the following: G106 or G200–G250. G105, I Sem.; G106, II Sem.

**GER–G 200 Intermediate German I (3 cr.)** P: G150 or G105 with a minimum grade of C–. Further development of oral and written command of language structures. Review of selected grammatical items. Listening comprehension. Reading of literary and non-literary texts. Discussion of selected films. Oral presentations. Writing of compositions based on the material covered. Emphasis on both speaking proficiency and structural awareness. Conducted in German. Credit given for only one of G200 or G106. I Sem., II Sem., SS.

**GER–G 250 Intermediate German II (3 cr.)** P: G200 with a minimum grade of C–. Further development of oral and written command of language structures. Listening comprehension. Review of selected grammatical items. Discussion of modern German literary and non-literary texts, as well as films. Oral presentations. Writing of compositions based on the material covered. Emphasis on both speaking proficiency and structural awareness. Conducted in German. Credit given for only one of G250 or G106. I Sem., II Sem., SS.

**GER–G 300 Fifth-Semester College German (3 cr.)** P: G250 or G106 or equivalent. Comprehensive review of grammatical points introduced in G100 through G250. Reading proficiency, systematic vocabulary building, composition, and discussion through the assignment of short literary texts and one novel or play. Conducted in German.

**GER–G 305 Introduction to German Literature: Types (3 cr.)** P: G300 or equivalent. **A & H** Study of literary types (narrative, dramatic, lyric), with examples of each selected from two or more periods. Conducted in German.

**GER–G 306 Introduction to German Literature: Themes (3 cr.)** P: G300 or equivalent. **A & H** Study of a single literary theme (such as music, generational conflict, love, revolution) as represented in two or more periods. Conducted in German.

**GER–G 330 Sixth-Semester College German (3 cr.)** P: G300 or equivalent. Advanced oral and written communication. Study of selected advanced grammatical topics. Reading of primarily non-literary texts. Required for teacher certification. Conducted in German.

**GER–G 361 Contemporary Austria (3 cr.)** P: Participation in the Graz Summer Program. **S & H, CSB** An on-site introduction to Austrian culture and its roots. Family, education, religion and the arts, music, customs and traditions; the economy and the tourist industry; historical relations with Germany and the new identity of the Second Republic. Conducted in German.

**GER–G 362 Introduction to Contemporary Germany (3 cr.)** P: G300 or equivalent. **S & H, CSB** An overview of contemporary German civilization, with attention to the other German-speaking countries. Political, economic, and social organization. Conducted in German.

**GER–G 363 Introduction to German Cultural History (3 cr.)** P: G300 or equivalent. **A & H, CSB** A survey of the cultural history of German-speaking countries, with reference to its social, economic, and political context.

**GER–G 375 Conversational German (3 cr.)** P: G330. Emphasis on developing oral proficiency. Students are expected to increase their vocabularies, gain more accuracy in self-expression, and develop a sensitivity to appropriate usage. Texts for the course will include examples from contemporary German media. Assignments may include dialogues, skits, and parodies. Conducted in German.

**GER–G 400 Advanced College German (3 cr.)** P: G330 or equivalent. Reading, discussion, and analysis (structural and grammatical) of advanced non-literary texts (academic essays, scientific articles, journals, newspaper articles, interviews, etc.). Development of writing skills. Conducted in German.

**GER–G 403 Medieval German Literature (3 cr.)** P: G330 or equivalent. **A & H** Introduction to reading Middle High German and survey of Middle High German literature. Historical and cultural background on the Middle Ages in German-speaking countries. Conducted in German.

**GER–G 404 Modern German Literature (3 cr.)** P: G330 or equivalent. **A & H** Selection of significant German literary works since 1500. Topic announced in online [Schedule of Classes](#). May be repeated with a different topic for a maximum of 6 credit hours. Conducted in German.

**GER–G 415 Perspectives on German Literature (3 cr.)** P: G330 or equivalent. **A & H** Study of one aspect of German literature: formal, historical, political, psychological, etc. Relation to wider concerns in and outside of literature. Topic announced in the online [Schedule of Classes](#). May be repeated with a different topic for a maximum of 6 credit hours. Conducted in German.

**GER–G 416 Studies in German Authors (3 cr.)** P: G330 or equivalent. **A & H** Life and works of a major author group of authors. Topic announced in the online [Schedule of Classes](#). May be repeated with a different topic for a maximum of 6 credit hours. Conducted in German.

**GER–G 418 German Film and Popular Culture (3 cr.)** P: G330 or equivalent. **A & H, CSB** Study of German film and/or other manifestations of German popular culture (television, music, cabaret, *Trivialliteratur* of the twentieth century).

**GER–G 421 Contemporary Germany: Overview (3 cr.)** P: G330 or equivalent. **S & H, CSB** Political, sociological, economic, and cultural aspects of present-day Germany. Comparison with adjacent states. Conducted in German. Credit given for only one of G421 or V400.

**GER–G 422 Contemporary Germany: Special Topics in German Studies (3 cr.)** P: G330 or equivalent. **S & H, CSB** Topics dealing with language, literature, and culture of any of the German-speaking countries, generally in the more recent historical periods. May be repeated with different topics for a maximum of 12 credit hours in G422 and V405. Conducted in German.

**GER-G 424 Literature and Society since 1945 (3 cr.)**

P: G330 or equivalent. **A & H, CSB** Major public concerns as reflected in German literature since World War II. Literary art in its cultural and political context. Conducted in German. Credit given for only one of G424 or V406.

**GER-G 448 Introduction to German Phonetics and Phonology (3 cr.)**

P: G330 or equivalent. **N & M** Phonetics of modern German, including practice in transcription, contrastive analysis of English and German, and attention to pronunciation. Brief historical sketch of principal phonological developments. Conducted in German.

**GER-G 451 Introduction to German Syntax (3 cr.)**

P: G330 or equivalent. **N & M** The syntax of modern German, with a practical introduction to the methods of grammatical analysis. Conducted in German.

**GER-G 458 Introduction to German Morphology (3 cr.)**

P: G330 or equivalent. **N & M** In-depth study of the principles underlying word formation (morphology) in German. Comparative study of inflection, derivation, and compounding in German and English. Conducted in German.

**GER-G 464 German Culture and Society (3 cr.)**

P: G330 or equivalent. **S & H, CSB** The interaction of social, intellectual, and artistic forces in German life of the past two centuries, with emphasis on important developments and figures. May be repeated with a different topic for a maximum of 6 credit hours. Conducted in German.

**Reading Knowledge Courses Primarily for Graduate Students****GER-G 491 Elementary German for Graduate Students (undergrad. 4 cr.; grad. 3 cr.)**

Introduction to structure of the language necessary for reading, followed by reading in graded texts of a general nature. Open, with consent of the instructor, to undergraduates who have already completed the language requirement for the B.A. in another language. Credit not given for G491 and G100 or G150. I Sem., SS.

**GER-G 492 Readings in German for Graduate Students (undergrad. 4 cr.; grad. 3 cr.)**

P: G491 or consent of department. Credit not given for G492 and G106, G200, or G250. II Sem., SS.

**Courses Taught in English****GER-E 121 An Introduction to German Culture (3 cr.)**

**S & H, CSB** Introduction to important events of German cultural history. Rather than sticking to the strict chronology of history, it introduces concepts that lend meaning to chronology in the first place. The course is built around ideas—religion, language, literature, sports, for example—that make sense of the changing flow of events and yield historical narratives.

**GER-E 311 Tradition and Innovation in German Literature (3 cr.)**

**A & H** Major themes and ideas in prominent works of German literature (lyric, fiction, drama) in translation, selected from various historical periods. Conducted in English. Credit given for only one of E311 or G255.

**GER-E 321 Gender and Sexuality in Germany (3 cr.)**

**S & H, CSB** Study of the shifting definitions and social

constructions of masculinity, femininity, homosexuality, and related topics, as reflected in the cultural documents (texts, films, music, etc.) of German-speaking society from the Enlightenment to the present. Conducted in English. Credit given for only one of E321 or G277.

**GER-E 322 German Cultural History (3 cr.)**

**A & H, CSB** A survey of the cultural history of German-speaking countries, with reference to its social, economic, and political context. Conducted in English. Credit given for only one of E322 or G364.

**GER-E 323 German Film Culture (3 cr.)**

**A & H, CSB** An introduction to the methods of film studies by examining the aesthetic, sociological, political, and philosophical contexts of German film, as well as its role in the development of European and American cinematic tradition. Conducted in English. Credit given for only one of E323 or G390.

**GER-E 361 Vikings and Sagas (3 cr.)**

**A & H** Introduction to Viking culture (c. 800–1100) and its reflections in selected sagas. Readings, lectures, and discussions. Conducted in English. Credit given for only one of E361 or G350.

**GER-E 371 Special Topics in Germanic Studies (1–3 cr.)**

Topics dealing with Germanic languages, literatures, and cultures. May be repeated with different topics for a maximum of 6 credit hours. Conducted in English.

**Dutch****GER-N 100 Intensive Dutch I (4 cr.)**

Development of speaking ability, with stress on pronunciation, leading to fluency on restricted topics. Introduction to grammar. Reading of annotated stories.

**GER-N 150 Intensive Dutch II (4 cr.)**

P: N100 or consent of instructor. Completion of grammatical study begun in N100; continued stress on speaking Dutch on selected topics; rapid expansion of reading ability using literary and cultural materials.

**GER-N 200 Dutch Reading, Composition, and Conversation I (3 cr.)**

P: N150 or consent of instructor. Development of oral fluency; attention to idiom. Further grammatical study; attention to formal writing style. Readings in Dutch literature and culture.

**GER-N 250 Dutch Reading, Composition, and Conversation II (3 cr.)**

P: N200 or consent of instructor. Further development of style and idiom in speaking and writing. Reading of novels. Oral and written practice on topics of contemporary Dutch life.

**GER-N 300 Advanced Dutch I (3 cr.)**

P: N250 with a minimum grade of C–. Comprehensive review of grammatical points introduced in N100 through N250. Reading proficiency, different levels of style and expression, and written argumentation. Discussion through short literary texts and one novel. Conducted in Dutch.

**GER-N 330 Advanced Dutch II (3 cr.)**

P: N300 with minimum grade of C–. Introduction to different levels of style and expression and to written argumentation in Dutch. Texts include various literary genres and form the basis for in-class discussion and for exercises designed to develop oral and written fluency. Conducted in Dutch.

**GER-E 341 Dutch Culture: The Modern Netherlands (3 cr.) S & H, CSB** Development of a complex modern society of 15 million people in a physically unique area one-third the size of Indiana. The interaction of geography, social structure, political system, religion, and literature. Readings in English. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours in E341 and N350.

**GER-E 342 The Golden Age of Dutch Culture (3 cr.) A & H, CSB** Rise of the Dutch Republic; impact on technology, shipping, global commerce, and finance. Politics, social developments, religion, ideas, and culture of the Dutch Golden Age. Vermeer, Spinoza, Grotius, and other artists and writers. Special attention to Rembrandt, and to what can be learned about his times from his work. Conducted in English. Credit given for only one of E342 or N450.

**GER-E 343 Topics in Dutch Literature (3 cr.) A & H, CSB** Topics dealing with literature in Dutch. Readings in English translation of novels, plays, and poetry that reflect a specific topic chosen by the instructor. May be repeated with a different topic for a maximum of 6 credit hours.

**GER-N 495 Individual Readings in Netherlandic Studies (1–3 cr.) P:** Permission of instructor. Individualized reading program in Netherlandic studies, generally designed to deepen foundation laid in previous course work with the same instructor.

#### Scandinavian

**GER-K 100 Beginning Norwegian I (4 cr.)** Development of listening comprehension, speaking, reading and writing skills in a cultural context. Introduction to grammar. I Sem.

**GER-K 150 Beginning Norwegian II (4 cr.) P:** K100 with a grade of C– or higher, or equivalent. Further development of listening comprehension, speaking, reading and writing skills. Introduction to Norwegian literature and culture. Review of grammar and study of new grammatical topics. II Sem.

**GER-K 200 Intermediate Norwegian I (3 cr.) P:** K150 with a grade of C– or higher, or equivalent. Further development of oral and written command and language structures. Reading and discussion of literary and non-literary texts in a cultural context. Review of grammar and study of grammatical topics.

**GER-K 250 Intermediate Norwegian II (3 cr.) P:** K200 with a grade of C– or higher, or equivalent. Advanced reading proficiency, systematic vocabulary building, composition, and discussion of literary and non-literary texts in cultural and historical contexts. Review of grammar. Conducted in Norwegian.

**GER-E 362 Topics in Scandinavian Culture (3 cr.) A & H, CSB** Topics dealing with language, literature, and culture in Norway and other Scandinavian countries in more recent historical periods. Discussions located within a comparative overview of political, economic, and social realms of the Nordic nations. Lectures in English. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours in E362 and K350.

**GER-E 363 Topics in Scandinavian Literature (3 cr.) A & H, CSB** Topics dealing with literature in Norway and other Scandinavian countries. Discussions incorporate literary criticism, biography, and adaptations on film

and stage in the Nordic nations. Lectures in English. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours in E363 and K400.

**GER-S 491 Scandinavian Languages for Reading Knowledge (4 cr.)** Introduction to the structure of Swedish, Norwegian, and Danish necessary for reading, followed by reading in graded texts in the area of Scandinavian studies. Open to undergraduates who have already completed the language requirement for the B.A. in another language, and to other undergraduates with the consent of the instructor.

**GER-K 495 Individual Readings in Scandinavian Studies (1–3 cr.) P:** Permission of instructor. Individualized reading program in Scandinavian studies, generally designed to deepen foundation laid in previous course work with the same instructor.

#### Swedish

**GER-S 100 Beginning Swedish I (4 cr.)** Development of communicative skills: listening comprehension, speaking, reading, and writing in a cultural context. Introduction to grammar and vocabulary.

**GER-S 150 Beginning Swedish II (4 cr.) P:** S100 with a grade of C– or higher, or equivalent proficiency. Further development of listening comprehension, speaking, reading, and writing skills in Swedish. Introduction to Swedish literature and culture. Review of grammar and introduction to new grammatical topics.

#### Yiddish

**GER-Y 100 Beginning Yiddish I (4 cr.)** No previous knowledge of Yiddish or German required for Y100. Introduction to the Yiddish language and selected aspects of Yiddish-language culture. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills.

**GER-Y 150 Beginning Yiddish II (4 cr.) P:** Y100. Introduction to the Yiddish language and selected aspects of Yiddish-language culture. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills.

**GER-Y 200 Intermediate Yiddish I (3 cr.) P:** Y150 or consent of instructor. Development of speaking, reading, writing, and listening skills. Review of basic grammar and study of new grammatical topics. Reading of short fictional texts and other writings on Jewish culture. Taught in alternate years.

**GER-Y 250 Intermediate Yiddish II (3 cr.) P:** Y200 or consent of instructor. Continuing development of active and passive skills. Additional new grammar concepts. Emphasis on development of reading skills and cultural knowledge through literary and journalistic texts including texts in nonstandardized orthographies. Taught in alternate years.

**GER-E 351 Topics in Yiddish Literature (3 cr.) A & H, CSA** Selected topics focusing on Yiddish fiction and drama (1810–1914) or twentieth-century Yiddish fiction, drama, and poetry. Taught in English. No prior knowledge of Yiddish required. Topics vary. May be repeated with a different topic. Students may receive a maximum of 6 credit hours for any combination of E351, Y300, and CMLT-C 377.

**GER-E 352 Topics in Yiddish Culture (3 cr.) A & H, CSA** Selected topics on history of Ashkenazic Jews; Old Yiddish and premodern Yiddish folklore and popular culture; history and sociology of Yiddish; modern Yiddish culture; and centers of modern Yiddish culture. Conducted in English. No prior knowledge of Yiddish required. Topics vary. May be repeated with a different topic. Students may receive a maximum of 6 credit hours for any combination of E352, Y350, and CMLT-C 378.

**GER-Y 495 Individual Readings in Yiddish Studies: Language, Literature, Culture (1–3 cr.)** P: Consent of instructor. Guided readings. May be repeated for a maximum of 12 credit hours.

#### Other Courses

**GER-G 296 German Language Abroad (1–6 cr.)** P: Acceptance into an Indiana University–approved overseas study program. Credit for foreign study in German language when no specific equivalent is available among departmental offerings. Credits in G296 not counted toward major. May be repeated for a maximum of 6 credit hours.

**GER-G 396 German Language Abroad (1–6 cr.)** P: G250 or equivalent; acceptance into an Indiana University–approved overseas study program. Credit for intermediate to advanced German language study in a German-speaking country when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 9 credit hours.

**GER-G 397 Residential Workshop (1–2 cr.; max of 6 cr.)** P: Consent of chairperson and instructor. Discussion and workshop (performance, drama reading, etc.) given in residential units; conducted in German. Topic set in consultation with student group. May be repeated.

**GER-G 399 Honors Tutorial (1–2 cr.; max of 4 cr.)** P: Consent of departmental honors advisor. Honors course. Tutorial may be taken for 1 credit hour in conjunction with an upper-level course in which the student is concurrently enrolled, or independently for 2 credit hours under the supervision of a faculty member. May be repeated twice.

**GER-G 430 College Teaching Internship (2 cr.)** P: G330 and consent of director of undergraduate studies. Observation of and participation in the teaching of an undergraduate German course. Recommended for teacher certification candidates. Counts toward teacher certification but not toward 400-level concentration in German.

**GER-G 495 Individual Readings in Germanic Literatures (German, Scandinavian, Netherlandic) (1–3 cr.; max of 6 cr.)** P: Consent of departmental chairperson.

**GER-G 496 Advanced German Language Abroad (1–6 cr.)** P: G330 or equivalent; acceptance into an Indiana University–approved overseas study program. Credit for advanced German language study in a German-speaking country when no specific equivalent is available among departmental offerings. May be repeated for a maximum of 6 credit hours.

**GER-G 499 Honors Thesis (3 cr.)** P: G399 and consent of departmental honors advisor. Honors course.

## History

### Introduction

The study of history prepares students to understand our changing world. Department of History courses cover a wide range of issues in all time periods and parts of the world. History students learn how change takes place, the tensions and conflicts it causes, and how individuals, groups, and societies change over time. The history major develops skills that are essential for any career: research, analysis, synthesis, and effective writing.

### Contact Information

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## Faculty

### Chairperson

- Peter Guardino

### Chancellor's Professor

- John Bodnar

### Bernardo Mendel Chair

- Daniel James

### Pat M. Glazer Chair

- Mark Roseman

### Donald F. Carmony Chair

- Eric Sandweiss

### Paul V. McNutt Professor

- Michael McGerr

### Thomas and Kathryn Miller Professor

- James Madison

### Robert F. Byrnes Professor

- David Ransel

### Sally Reahard Professor

- Michael Grossberg

### Rudy Professor

- Jeffrey Gould

### Ruth N. Halls Professor

- Dror Wahrman

### Rosenfeld Chair in Jewish Studies

- Jeffrey Veidlinger

### Professors

- Judith Allen
- Claude Clegg
- Allen Douglas
- Ellen Dwyer
- Ben Eklof
- Wendy Gamber
- Peter Guardino

- Carl Ipsen
- Padraic Kenney
- Hiroaki Kuromiya
- Edward Linenthal
- Klaus Muehlhahn
- David Pace
- Robert Schneider
- Steven Stowe
- Lynn Struve

#### Associate Professors

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- Nick Cullather
- Arlene Diaz
- Konstantin Dierks
- Michael Dodson
- Arthur Field
- John Hanson
- Sarah Knott
- Matthias Lehmann
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- Scott O'Bryan
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- Krista Maglen
- Jason McGraw
- Marissa Moorman
- Khalil Muhammad
- Amrita Myers
- Julia Roos
- Sara Scalenghe
- Christina Snyder
- Kirsten Sword
- Ellen Wu

#### Academic Advising

- James Basore, Ballantine Hall 706, (812) 855-1437

## Major in History

### Required Courses

Students must complete a minimum of 30 credit hours to include:

1. A concentration of 12 credit hours.
2. One field of 6 credit hours.
3. Additional electives (6 credit hours) from areas other than the concentration and field areas.
4. J300 (Junior Seminar) and J400 (Senior Seminar).
5. At least 18 credit hours at the 300 and 400 level.
6. A minimum of 15 credit hours completed on the IU Bloomington campus.

Students must complete the degree requirements of the College of Arts and Sciences. Further details, including concentration and field areas, may be found at [www.indiana.edu/~histweb/ugrad](http://www.indiana.edu/~histweb/ugrad).

### Recommendations

Students should consult with departmental and faculty advisors regarding their selection of courses within the primary concentration. Suggestions for programs of study are available from the History advisor and on the Department of History Web site: [www.indiana.edu/~histweb](http://www.indiana.edu/~histweb).

### Prelaw Track

The history major provides an excellent preparation for students intending to study law. In addition, those interested in legal careers should concentrate on developing particular kinds of skills needed in legal education and practice. They should, for example, develop their analytical skills by taking courses such as logic, their writing skills by taking seminars and other courses that offer structured writing exercises, and their speaking skills by taking courses in speech. Finally, since much of the law deals with marketplace issues, students interested in law should consider taking micro- and macroeconomics.

## Interdepartmental Major in History and African American and African Diaspora Studies

### Required Courses

Students must meet the following course requirements for a minimum total of 40 credit hours. No course counting toward completion of the upper-level hours requirement of the history concentration can also be counted toward completion of the upper-level hours requirement of the African American and African Diaspora Studies concentration.

### History

At least 18 credit hours of history courses, including:

1. At least 15 credit hours of 300–400 level courses (only one of A355 African American History I or A356 African American History II taken in either History or African American and African Diaspora Studies could be counted toward these 15 credit hours).
2. At least one seminar chosen from J400, J450, or K392.
3. Any two courses in non–U.S. History (i.e., Western Europe, Russia and Eastern Europe, Ancient, Middle East, Africa, Latin America, or East Asia).
4. At least 15 credit hours of these history courses must be completed in residence at the IU Bloomington campus.

### African American and African Diaspora Studies

1. At least 18 credit hours at the 200 level or above, of which at least 12 credit hours must be at the 300 level or above, including:
2. A150 Survey of the Culture of Black Americans.
3. A355 African American History I or A356 African American History II.
4. A379 Early Black American Writing or A380 Contemporary Black American Writing.
5. Nine additional credit hours from the History, Culture and Social Issues Concentration. These 9 credit hours may include the Senior Seminar.

## Minor in History

### Required Courses

1. Students must complete 15 credit hours of history, at least 9 of which must be taken on the Bloomington campus.
2. Of the 15 credit hours in history, 9 must be at the 300 or 400 level.

## Departmental Honors Program

Students who are admitted to the history department's honors program must complete an Honors seminar (HIST-K 392) in place of J300 and J400. Honors students also complete a senior year honors thesis with oral defense (K499, 6 cr.) or honors paper (K498, 3 cr.), take a minimum of 33 credits in history, and earn a minimum A- in all completed history honors courses. To graduate with honors, students must maintain a minimum 3.300 cumulative and 3.500 major GPA.

## Languages and Overseas Study

History majors in good standing may earn credit toward the major and toward other degree requirements in the university's overseas study programs. See "Overseas Study Programs" in this *Bulletin* or inquire at the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Course Descriptions

### Introductory Courses

**HIST-H 101-H 102 The World in the Twentieth Century I-II (3-3 cr.)** Enrollment limited to freshmen and education majors. **S & H for H101 and H102, CSA for H102 only.** Principal world developments in the twentieth century, stressing Latin America, Africa, Asia, and Europe; global and regional problems; political revolutions; social and cultural diversity.

**HIST-H 103 Europe: Renaissance to Napoleon (3 cr.)** Enrollment limited to freshmen and sophomores only. **S & H, CSA** Major developments in European thought during the Renaissance, Reformation, scientific revolution, and Enlightenment; traditional politics, economy, and society and their transformation by enlightened despotism, the French Revolution, and Napoleon.

**HIST-H 104 Europe: Napoleon to the Present (3 cr.)** Enrollment limited to freshmen and sophomores only. **S & H, CSB** The development of European society from the downfall of Napoleon in 1815 to the present; the impact of the industrial revolution; the rise of the middle class; liberalism, Marxism, and mass politics; nationalism and imperialism; international communism and fascism.

**HIST-H 105-H 106 American History I-II (3-3 cr.)** **S & H** Evolution of American society: political, economic, social structure; racial and ethnic groups; sex roles; Indian, inter-American, and world diplomacy of the United States; evolution of ideology, war, territorial expansion, industrialization, urbanization, international events and their impact on American history.

**HIST-H 111 Historical Background to Contemporary Problems I (3 cr.)** **S & H** Historical background of four or five problems of current interest.

### Comparative History

**HIST-H 333 Epidemics in History (3 cr.)** **S & H** Epidemic infectious disease in human history, explored in a wide variety of cultures and civilizations.

**HIST-B 391 Themes in World History (3 cr.)** **S & H** The shared experience of humankind from earliest times to the present. Topics include the Neolithic "evolution," Eurasian and African cultural exchanges, the era of European reconnaissance, the development of the world economy, "underdevelopment," and contemporary world interrelationships.

**HIST-W 100 Issues in World History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 9 credit hours.

**HIST-W 200 Issues in World History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 9 credit hours.

**HIST-W 300 Issues in World History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 9 credit hours.

**HIST-W 325 World War II: The Peoples (3 cr.)** **S & H** This course will study the lives of the millions of peoples all over the world who participated in World War II as factory workers, propagandists, soldiers, mothers, political leaders, and survivors. Beginning with military strategy and diplomacy, we will focus on life on the home fronts of many nations.

**HIST-W 400 Issues in World History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 9 credit hours.

### United States History

**HIST-A 100 Issues in United States History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with different topics for a maximum of 9 credit hours.

**HIST-A 200 Issues in United States History (3 cr.)** **S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but are usually broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-A 205 Asian American History (3 cr.)** **S & H, CSA** Examines the history of Asian migration to the United States from the mid-nineteenth century to the present as part of the making of the "Pacific World." Major

themes to be explored include community formation, race, citizenship, nation, and transnationalism.

**HIST–A 207 Introduction to Native American History (3 cr.) S & H, CSA** This introductory course surveys the history of Native peoples of North America from the earliest times to the present. It seeks to provide students with a broad understanding of Native American history, prepare students for more advanced course work in Native studies, and enhance students' understanding of colonialism and American history.

**HIST–H 220 American Military History (3 cr.) S & H** From settlement of colonies to present. European background, colonial militia, Indian fighting. Principal foreign wars and their strategic objectives. Technological changes and effect of military on American society. Army is emphasized, with some attention to the Navy, Marines, and Air Force.

**HIST–A 222 Law in America (3 cr.) S & H** This course will examine the American legal system from the Revolution to the present. It will use trials, judicial opinions, statutes, stories, films, and other materials to study criminal prosecutions, private law suits, constitutional conflicts, and other critical parts of the American legal experience. The basic goals of the course are to help students understand why law has had a powerful role in the development of American society and the consequences of the American reliance on law.

**HIST–A 225 Elvis, Dylan, and Post–War America (3 cr.) S & H** Surveys changes in American society from World War II through the 1960s. Using lectures, readings, and films, the course looks at key debates of the times over war, sexuality, patriotism, and the counter-culture and pays attention to pivotal figures like Kinsey, Elvis, Dylan, and John Kennedy.

**HIST–A 261 Modern American Women's History (3 cr.) S & H** Surveys U.S. women's history from 1820 to the present. Themes include changing ideals of gender and sexuality; women's labor in industrial and postindustrial America; racial, class, ethnic, and regional diversity; and women's participation in religious, political, social reform, and women's rights movements.

**HIST–H 263 Indiana University, Past and Present (3 cr.) S & H** A survey of the history and culture of Indiana University since 1820 in the context of the development of American higher education. Emphasis on the people, programs, and events that have shaped the institution in distinctive ways.

**HIST–A 265 Gender and Sexuality in American History (3 cr.) S & H** Examines how changing social definitions of masculinity and femininity, and changing attitudes toward sexual behaviors influenced selected issues and events in American history such as the European "discovery" of America, the Industrial Revolution, race relations, the Spanish American War, and the Cold War.

**HIST–A 300 Issues in United States History (3 cr.) S & H** Study and analysis of selected historical issues through the whole of United States history. Topics will vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–A 301 Colonial America (3 cr.) S & H** Social, cultural, economic, and political development of colonial America from first contact between Native Americans and Europeans, up to the outbreak of the American Revolution. Topics include global capitalism, migration, slavery, consumerism, religious revivalism, and democracy.

**HIST–A 302 Revolutionary America (3 cr.) S & H** Political, social and cultural history of the Revolution. What did it take to make a revolution? What did it take to make a nation? How has the revolution lived on in popular memory? Includes strong focus on experience of women and enslaved blacks.

**HIST–A 307 American Cultural History (3 cr.) S & H** Major themes in American cultural life since the Civil War. Focus on the cultural expressions of immigrants, racial minorities, religious groups, social classes, women, artists, and professional groups in response to changing conditions.

**HIST–A 309 The South before the Civil War (3 cr.) S & H** Social, intellectual, and cultural features of the American South, from English settlement to secession. Emphasis on the development of a distinctive southern regional culture and how it helped shape the buildup to the Civil War.

**HIST–A 310 Survey of American Indians I (3 cr.) S & H, CSA** The Native American experience from the pre-Columbian period through American Civil War. Lectures and readings will focus upon Native American cultural patterns, and the Native American response to French, British, and American Indian policies.

**HIST–A 311 Survey of American Indians II (3 cr.) S & H, CSA** Native American–white relations from Civil War through 1980s. Focus on Native American attempts to defend their homelands in the American West; establishment of Indian reservations in late nineteenth century. Impact of the Sawes and Wheeler-Howard Acts; emergence of Native American church; urbanization of Native Americans in the twentieth century.

**HIST–A 313 Origins of Modern America, 1865–1917 (3 cr.) S & H** Social, economic, cultural, and political ways in which Americans accommodated and resisted changes introduced by large-scale industrialization. Populism and progressivism receive special attention.

**HIST–A 315 United States History since World War II (3 cr.) S & H** Political, demographic, economic, and intellectual transformations from 1945 to the present: World War II, Cold War, problems of contemporary America.

**HIST–A 317 Modern American Social and Intellectual History (3 cr.) S & H** Development of modern American intellectual and social patterns since 1880. Social thought, literature, science, the arts, religion, morals, education.

**HIST–A 325 American Constitutional History I (3 cr.) S & H** Changing constitutional system from seventeenth-century colonies to contemporary nation. Structure of government: federalism, division of powers, political institutions. Relationship of government to society and economy. Civil liberties and democracy. Constitutional law and politics, 1607–1865.

**HIST–A 346 American Diplomatic History II (3 cr.)**

**S & H** American diplomacy from 1775 to 1823; diplomacy of American continental expansion to 1898. America as a world power. Involvement in Far Eastern affairs after 1898, diplomacy of World Wars I and II, developments to present.

**HIST–A 347 American Urban History (3 cr.) S & H**

Evolution of cities and urban life in United States from colonial times to present. Rise of cities (New York, Chicago, Indianapolis, Los Angeles, Miami, and others). Creation of modern urban districts (ghettos, suburbia), city planning, political and economic power structures, ethnic and race relations, law and order (crime, police, prisons).

**HIST–A 351 The United States in World War II (3 cr.)**

**S & H** Examination of U.S. effect on the outcome of World War II and change in America caused by the war. Major topics: the process of U.S. involvement, strategies of the major land and sea campaigns, relations within the Grand Alliance, development of the A bomb, and the origins of the Cold War.

**HIST–A 352 History of Latinos in the United States**

**(3 cr.) S & H, CSA** Latino experience in the United States from 1848. Economic and social factors of the Latino role in a non-Latin nation. Credit given for only one of HIST A352 and LATS L210.

**HIST–A 355 (AAAD A355) African American History I**

**(3 cr.) S & H, CSA** History of blacks in the United States. Slavery, abolitionism, Reconstruction, post-Reconstruction to 1900. Credit given for only one of A355 or AAAD A355.

**HIST–A 356 (AAAD A356) African American History II**

**(3 cr.) S & H, CSA** History of blacks in the United States 1900 to present. Migration north, NAACP, Harlem Renaissance, postwar freedom movement. Credit given for only one of A356 or AAAD A356.

**HIST–A 361-A 362 Studies in American History for Teachers I-II (3-3 cr.) S & H**

Contemporary bibliography and interpretations of major problems in United States history.

**HIST–A 363 Survey of Indiana History (3 cr.) S & H**

A survey of Indiana history and culture from the original inhabitants to recent times, with emphasis on the growth of a distinctive Hoosier culture.

**HIST–A 365 The Republican Party, 1854 to Present**

**(3 cr.) S & H** Origins of modern Republican party; significance of Lincoln, Civil War, and Reconstruction; party divisions over civil service reform, tariffs, monetary policies, and immigration; impact of Theodore Roosevelt and Progressives; ascendancy in 1920s and disasters in 1930s and 1940s; McCarthyism; Eisenhower, triumph of conservatives; and beyond.

**HIST–A 366 The Democratic Party, 1828 to Present**

**(3 cr.) S & H** Antecedents of Democratic party; the Jacksonian coalition; party divisions on major antebellum issues; era of Civil War and postwar reconstruction; resurgence under Presidents Cleveland and Wilson; harmony and discord from Al Smith to Jimmy Carter; and beyond.

**HIST–A 369 Issues in Early United States History**

**(3 cr.) S & H** Study and analysis of selected historical issues and problems in United States history to 1870.

Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–A 370 Africans in Colonial America (3 cr.) S & H**

This course examines the experience of African people in the British colonies of North America, stressing the origins and dynamics of African American cultures and communities prior to the American Revolution.

**HIST–A 379 Issues in Modern United States History**

**(3 cr.) S & H** Study and analysis of selected historical issues in United States history from 1870 to the present. Topics will vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–A 380 The Vietnam War (3 cr.) S & H**

The story of America's longest war—the battles, the protests, the movies, and the controversies. The Vietnam War was an epic event, the climax of the Cold War and the high-water mark of American power. Students will learn about the experiences of combatants on both sides, the reasoning behind American strategy, and the history of Vietnam's struggle for independence. The course will also deal with the war's legacies, its place in popular culture, and the war's economic and political aftershocks. Credit given for only one of A380 and H228.

**HIST–A 381 Civil Rights Era in the United States**

**(3 cr.) S & H** Examination of race and racial protest after 1945. A look at several protest organizations, key social battles, individual leaders, and the struggle to end racial segregation and exclusion in education, politics, public accommodations, the workplace, and housing. Credit given for only one of A381 or AAAD A405.

**HIST–A 382 The Sixties (3 cr.) S & H**

An intensive examination of the decade that tore apart post–World War II American society, beginning with the confident liberalism that believed the nation could “pay any price” and “bear any burden” in order to stop communism abroad and to promote reform at home. Focuses on the internal contradictions and external challenges that destroyed this liberal agenda: civil rights and black power, the New Left, the counterculture, second-wave feminism, the sexual revolution, the Vietnam War, and the globalization of the economy; and finishing with the more conservative order that emerged in the early 1970s to deal with the conflicting realities of limited national power and wealth on the one hand, and rising demands for rights and opportunities on the other.

**HIST–A 383 From Ragtime to Rap: Popular Music in the Making of Modern America (3 cr.) S & H**

History of popular music in the social, cultural, political, and economic history of the modern United States. Examination of a broad range of musical cultures from the late nineteenth century to the present, including ragtime, Tin Pan Alley, jazz, swing, Broadway, blues, gospel, country, Cajun, Zydeco, Tex-Mex, rhythm and blues, folk, rock and roll, soul, and rap. Considers the interrelationship between music on the one hand, and class, gender, race, ethnicity, and generation, on the other; and the role of popular music in American mythmaking.

**HIST–A 384 Antebellum America (3 cr.) S & H**

This course examines major issues in the United States between 1815 and 1860. Topics include the market revolution, the expansion of slavery, the “second



party system," "Jacksonian democracy," evangelical Christianity, reform movements, and the coming of the Civil War. This course stresses the interconnections between economic, social, cultural, and political developments.

**HIST–A 386 History of the American Home (3 cr.)**

**S & H** Considers the changing ways in which various Americans have defined "home." Topics include colonial households, nineteenth-century middle-class homes, "modern" early twentieth-century homes, and post-World War II suburbia. Devotes considerable attention to residences excluded from dominant definitions, including slave cabins, tenements, utopian communities, boardinghouses, apartments, institutions, internment camps, dormitories, and communes.

**HIST–A 393 American Sexual Histories: Salem Witch Craze to the Age of Viagra (3 cr.) S & H**

Examines interactions between sexualities, culture, and science in America from the late seventeenth to twentieth centuries; changes in sexual patterns of indigenes, European settlers, and early immigrants in the later nineteenth century; early twentieth century controversies; and sex researchers' findings on interwar and postwar Americans' sexual histories as published in the *Kinsey Reports* and successor studies.

**HIST–A 400 Issues in United States History (3 cr.)**

**S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**Medieval and Modern Europe**

**HIST–B 204 Medieval Heroes (3 cr.)** An introduction to the history of the European Middle Ages through the study of its heroes. Teaches skills necessary for students to succeed in any field of history.

**HIST–H 206 Medieval Civilization (3 cr.) S & H, CSA**

European institutions, social and intellectual history from late Roman Empire to Renaissance. Greco-Roman legacy, Christian institutions, Byzantine and Islamic influences, town revival and trade, rise of universities, emergence of national states and literatures. II Sem.

**HIST–H 209 The Origins of Britain (3 cr.) S & H,**

**CSA** England to 1688. Political and constitutional developments, particularly in relation to Henrician Reformation and Puritanism. I Sem.

**HIST–H 210 Britain's Road to Modernity (3 cr.)**

**S & H, CSB** England from 1688 to present. Political and economic movements, such as liberalism and socialism, arising out of the industrialization of Britain. II Sem.

**HIST–H 213 The Black Death (3 cr.) S & H, CSA**

Europe in the age of bubonic plague, 1348–1715, with emphasis on changes in climate, population, food supplies, public health measures, economy, social relations, and religious and artistic responses to disaster.

**HIST–H 231 The Family in History (3 cr.) S & H, TFR**

In every era the family has served as the most basic human institution, but it has always been subject to other forces in society, such as religion, politics, the economy, and the tragic consequences of high death rates. Traces the history of the European family from

1500 to the early twentieth century. Examines changes in relationships within the family (parents/children, husbands/wives) and the changing role of the family in society. Topics include courtship, marriage, child-bearing, child labor, the origins of family limitation and birth control, the definitions of male and female roles, and the effects of other institutions (community, church, schools, state) on the family. Readings will include contemporary novels, and students will participate in group projects using original sources from the nineteenth century and earlier.

**HIST–H 251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) S & H, CSA**

Topics include the origins of Judaism, Jewish life in ancient Israel and the Diaspora, Judaism and the origins of Christianity, Jewish society and culture under Christian and Muslim rule in the Middle Ages. Credit given for only one of H251 or JSTU J251.

**HIST–H 252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) S & H, CSA**

Jewish history from early modern times to the present. Topics include Jewish daily life in early modern Europe and Ottoman Turkey, Jewish mysticism, Hasidism, Jewish emancipation, modern Judaism, anti-Semitism, the Holocaust, Zionism, the State of Israel, and the history of American Jewry. Credit given for only one of H252 or JSTU J252.

**HIST–B 100 Issues in Western European History (3 cr.)**

**S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with different topics for a maximum of 9 credit hours.

**HIST–B 200 Issues in Western European History (3 cr.)**

**S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–B 224 The Emergence of Europe (3 cr.) S & H**

This course seeks to answer the questions of how and why Europe emerged as the dominant political and economic power in the world, succeeding in subjugating other peoples around the globe, and then lost that role.

**HIST–B 226 The Mafia and Other Italian Mysteries**

**(3 cr.) S & H** This course focuses on the Italian Mafia since 1870 as well as links to the U.S. Mafia. Also considers related areas of Italian "deep politics" (or Italy's Mysteries), including right- and left-wing terror and the strategy of tension. Lecture and discussion plus assorted feature and documentary films.

**HIST–B 260 Women, Men, and Society in Modern**

**Europe (3 cr.) S & H, CSB** An overview of the development of gender roles in Europe since the French Revolution; development of the private and public spheres; political ideology and women's roles in society; the industrial revolution, Darwinism, imperialism, nationalism, communism and gender roles; feminism and the sexual revolution.

**HIST–B 300 Issues in Western European History**

**(3 cr.) S & H** Study and analysis of selected historical issues and problems across more than one period of

Western European history. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-B 301 Issues in Medieval European History (3 cr.) S & H** Study and analysis of selected historical issues and problems in the history of the European Middle Ages (200–1500 C.E.). Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-B 302 Issues in Early Modern European History (3 cr.) S & H** Study and analysis of selected historical issues and problems in the early Modern Period (1400–1800 C.E.). Topics will vary but usually cut across fields and regions. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-B 303 Issues in Modern European History (3 cr.) S & H** Study and analysis of selected historical issues and problems in modern European history (1750–present). Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-B 315 European Anti-Semitism from the Enlightenment to the Holocaust (3 cr.) S & H** Examines the origins, character, and development of anti-Semitism from the Enlightenment to the post-Holocaust period. Asks whether anti-Semitism is a single phenomenon with a clear tradition and cause, or whether it has varied markedly over time and from country to country.

**HIST-B 321 European Jews in the Age of Discovery (3 cr.) S & H, CSA** Jewish history from 1492 to 1789. Topics include the expulsion from Spain; the Inquisition and the marranos; the society and culture of Italian, Turkish, and Polish Jewry; Court Jews in central Europe; Hasidism in eastern Europe; the Enlightenment; Jews and the French Revolution.

**HIST-B 322 Jews in the Modern World (3 cr.) S & H, CSA** Topics include Emancipation, the Jewish Enlightenment, modern Judaism, Eastern European Jewry, Jewish politics, women in Jewish society, American Jewry, the Holocaust, Israel.

**HIST-B 323 History of the Holocaust (3 cr.) S & H, CSA** Anti-Semitism in imperial and Weimar Germany; the Nazi rise to power; the destruction of European Jewry; Jewish behavior in crisis and extremity; the attitude of the Allied nations; mass murder in comparative historical perspective; theological, moral, and political implications.

**HIST-B 324 Zionism and the State of Israel (3 cr.) S & H, CSA** Origins of modern Jewish nationalism in nineteenth-century Europe, creation of a Zionist political movement, varieties of Zionist ideology, alternatives to Zionism, its international diplomatic context, growth of Jewish settlements in the land of Israel, the State of Israel from 1948 to the present.

**HIST-B 330 The Jews of Spain (3 cr.) S & H, CSA** Provides a survey of the culture and history of the Jews in medieval Spain under both Muslim and Christian rule, as well as of the Judeo-Spanish Diaspora after 1492 in the Ottoman Empire, Morocco, and the Atlantic world down to the twentieth century.

**HIST-B 348 Byzantine History (3 cr.) S & H, CSA** Introduces the history and civilization of the Byzantine Empire (A.D. 330–1453). Explores the survival of the eastern Roman empire after the "fall" of its western half; how it developed a distinctive culture and ideology; and how it changed in response to economic, political, and military challenges.

**HIST-B 351 Western Europe in the Early Middle Ages (3 cr.) S & H, CSA** Evolution of European civilization from the fall of Rome, development of Christianity and the Germanic invasions through Charlemagne's empire and the subsequent development of feudalism, manorialism, papacy, and Romanesque architecture.

**HIST-B 352 Western Europe in the High and Later Middle Ages (3 cr.) S & H, CSA P:** One of the following: H206, B351, an upper-level medieval history seminar, or permission from the instructor. Expansion of European culture and institutions: chivalry, the Crusades, rise of towns, universities, Gothic architecture, law, revival of central government. Violent changes in late medieval Europe: overpopulation, plague, Hundred Years' War, peasant revolt, crime, inquisition, and heresy.

**HIST-B 353 The Renaissance (3 cr.) S & H, CSA** Italian Renaissance as a political and cultural phase in the history of Western civilization. Its roots in antiquity and the Middle Ages; its characteristic expression in literature, art, learning; social transformations; manners and customs. Expansion of the Renaissance into France, Germany, and England.

**HIST-B 354 The Reformation (3 cr.) S & H, CSA** Economic, political, social, and religious background of the Protestant Reformation; Lutheran, Reformed, Anglican, and Anabaptist movements, with reference to their political and theological trends; Catholic Reformation.

**HIST-B 356 French Revolution and Napoleon (3 cr.) S & H, CSA** Crisis of Old Regime; middle-class and popular revolt; from constitutional monarchy to Jacobin commonwealth; the Terror and revolutionary government; expansion of revolution in Europe; rise and fall of Napoleonic empire.

**HIST-B 357 Modern France (3 cr.) S & H, CSB** Social, political, and cultural survey of France in the nineteenth and twentieth centuries.

**HIST-B 358 The Industrial Revolution and the Economic Development of Europe (3 cr.) S & H** Examination of the conversion of Europe from an agricultural to an industrial society with global influences. Topics include the roots of modern economic growth in European society and the contributions of science and technology, trade, government, and population; the impact of industrialization on living standards; the patterns of economic development in Britain, France, and Germany; the causes and consequences of the Industrial Revolution.

**HIST-B 359-B 360 Europe from Napoleon to the First World War I-II (3-3 cr.) S & H, CSB** Vienna settlement and period of reaction in Europe; liberalism and nationalism; revolutions; industrial revolution, capitalism; socialist movement; unification of Italy and Germany; clericalism and anticlericalism; struggles for political democracy; social legislation; imperialism, nationalist rivalries, and background of World War I.

**HIST-B 361-B 362 Europe in the Twentieth Century I-II (3-3 cr.) S & H** Economic, social, political, and military-diplomatic developments, 1900 to present. I: 1900–1930: origins, impact, and consequences of World War I; peacemaking; postwar problems; international communism and fascism; the Great Depression. II: 1930–present: Depression politics; crisis of democracy; German national socialism; World War II; Cold War; postwar reconstruction and recovery.

**HIST-B 366 Paris and Berlin in the 1920s: A Cultural History (3 cr.) S & H, CSB** A cultural history of Paris and Berlin in the 1920s, focusing on the French avant garde; Dada and surrealism; expressionist painting and cinema; Bauhaus architecture; Brechtian theater; Reichian psychoanalysis; and the American expatriate literature of Stein, Hemingway, and Miller.

**HIST-B 368 Modern Italy (3 cr.) S & H, CSB** Risorgimento and unification; liberal Italy and the mutilated victory (WWI); Italian opera; Fascism; alliance with Nazi Germany and defeat (WWII); Christian Democrats v. Communists; major cultural movements; the economic miracle; Mafia, left- and right-wing violence and terrorism; the kickbacks scandal and the Second Republic.

**HIST-B 374 The Cultures of Modern Europe (3 cr.) S & H, CSB** Explores the modern history of Western Europe through culture. Examines a series of symbols and myths (literary, musical, journalistic, cinematic, and theatrical) over the past two centuries and through them explores historical, political, and intellectual issues (touching on issues of empire, gender, race, nationalities, etc.).

**HIST-B 377-B 378 History of Germany since 1648 I-II (3-3 cr.) S & H, CSB** Political, economic, and cultural state of Germany in 1648; growth of absolutist dynasties, especially Habsburg and Hohenzollern; economic and cultural development under absolutism; impact of French Revolution; struggles between reaction and liberalism; unification; industrialization; imperialism, international friction; internal political conflicts; World War I; Weimar Republic; Hitler regime; problems since 1945.

**HIST-B 386 British Sexual Histories: From Regency Scandals to Sexual Revolution (3 cr.) S & H, CSB** Examines transformations of sexuality and erotic lives within modern British history, focusing upon popular culture, demographic trends, sensational crimes and scandals (the Queen Caroline Affair, the Profumo Affair), and controversies over the regulation of sexual behaviors and identities. Concludes with analysis of the slate of 1960s "liberal" legislation on divorce, censorship, abortion, and homosexuality.

**HIST-B 400 Issues in Western European History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

### Ancient and Near Eastern History

**HIST-C 200 Issues in Ancient History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across

fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-C 205 Introduction to Islamic Civilization (3 cr.) S & H, CSA** Introduces Islamic civilization from the rise of Islam to 1800 C.E. Topics include pre-Islamic Arabia; the Prophet Muhammed; the Koran; the basic teachings of Islam; the Islamic conquests and the caliphate; and the major aspects of mature Islamic civilization such as law, theology, science and philosophy, mysticism, literature, and art. Credit given for only one of C205 or NELC-N 265.

**HIST-C 210 The Making of the Modern Middle East (3 cr.) S & H, CSA** Examines the political, economic, social, and cultural forces that have most profoundly affected the Middle East in the nineteenth and twentieth centuries. Topics include the role of foreign rule in the region; the emergence of nationalism and modern nation-states; regional conflicts; Islamism; the evolution of ethnic, class, and gender identities.

**HIST-H 205 Ancient Civilization (3 cr.) S & H, CSA** From birth of civilization in Mesopotamia and Egypt until Constantine's conversion to Christianity (337 A.D.). Role of the city in ancient world; nature of imperialism; and impact of Alexander the Great, Julius Caesar, and other charismatic leaders. Archaeology as a source for political and social history.

**HIST-C 300 Issues in Classical and Byzantine History (3 cr.) S & H** Study and analysis of the history of Greece or Rome, the history of Late Antiquity in the Greco-Roman world, or of the Byzantine Empire. Topics will vary in focus, region, and period. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-C 305 Issues in Near Eastern History (3 cr.) S & H** Study and analysis of the history of the Near East, apart from the Greco-Roman World or of the Islamic world. Topics vary but may cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-C 376 Greek History: Bronze Age to the Persian Wars (3 cr.) S & H, CSA** An introductory survey of early Greek history, beginning with the rise and fall of the Minoans and Mycenaeans of the Bronze Age, then moving on to the rebirth of Greek civilization in the following centuries, ending with Greece's clash with the Persian Empire in the early fifth century B.C. Credit given for only one of C376 or C386.

**HIST-C 377 Greek History: The Persian Wars to the Legacy of Alexander (3 cr.) S & H, CSA** A survey of ancient Greek history, ranging from the aftermath of the early fifth century B.C. clash with the Persians and subsequent Athenian Empire to the Hellenistic era initiated by the conquests of Alexander the Great. Credit given for only one of C377 or C387.

**HIST-C 388 Roman History (3 cr.) S & H, CSA** History of Roman people, from legendary origins to death of Justinian (A.D. 565), illustrating development from city-state to world empire. Evolutionary stages exemplify transition from early kingship to republican forms, finally replaced by monarchy of distinctively Roman type.

**HIST-C 390 The Decline and Fall of the Roman Empire (3 cr.) S & H, CSA** History of the Roman Empire from the Golden Age of the second century A.D. until the collapse

of Roman power in the West (476 A.D.) and the rise of Islam; Christianity and the fate of classical culture in an age of political, social, and religious transformation; the impact of recent archaeological discoveries on "the fall of Rome" as a historical problem.

**HIST–C 393 Ottoman History (3 cr.) S & H, CSA** Political, social, and economic developments in Ottoman Empire from rise of its power in Anatolia (1299) to the end of the classical period (1826). Evolution of Ottoman institutions and relations with major European powers.

**HIST–C 400 Issues in Ancient History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

### Russian and East European History

**HIST–D 100 Issues in Russian and East European History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with different topics for a maximum of 9 credit hours.

**HIST–D 102 Icon and Axe: Russia from Earliest Times to 1861 (3 cr.) S & H, CSA** Introduction to main events and issues in Russian history from earliest times to the Crimean War in the mid-nineteenth century. Covers foundation of a great Slavic state into the Eurasian plain, the Kievan era of early state building, colorful rulers such as Ivan the Terrible, Peter the Great, Catherine the Great. Credit given for only one of D102, D101, or H261.

**HIST–D 103 Icon and Axe: Russia from 1861 to Present (3 cr.) S & H, CSA** Introduction to main events and issues in Russian history from the middle of the nineteenth century to present. Covers the great liberating reforms of Tsar Alexander II, the last tsar, Nicholas II, the revolutionary leader Vladimir Lenin, the brutal tyrant Joseph Stalin, and the last Communist leader Mikhail Gorbachev. Credit given for only one of D103, D101, or H261.

**HIST–D 200 Issues in Russian/East European History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–D 201 The Fall of Communism (3 cr.) S & H, CSA** How did seven decades of communist rule in Europe come to an end? This course employs a comparative perspective on Eastern Europe, the Soviet Union, and China to understand what the communist system was and what factors brought about its demise in Europe, as well as its survival in China.

**HIST–H 223 Between Rome and Constantinople: Eastern Europe and Russia to Mid-Fifteenth Century (3 cr.) S & H, CSA** Development of Slavic and non-Slavic peoples and the influences of the Holy Roman and Byzantine empires on their multiple cultures; Mongol conquest of Steppe and Rus'; problems of nation-states;

the Renaissance; the Czech-Hussite Reformation; invasion of Ottoman Turks and Islam; and the fall of Constantinople and ascendancy of Muscovy.

**HIST–D 300 Issues in Russian/East European History (3 cr.) S & H** Study and analysis of selected historical issues and problems of limited scope. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–D 302 The Gorbachev Revolution and the Collapse of the Soviet Empire (3 cr.) S & H, CSA** The revolution in Soviet politics, culture, and daily life wrought by Mikhail Gorbachev (1986–1991) and the end of the Soviet Empire. Examination of selected issues: political structures, family, education, youth, status of women and minorities. Historical roots traced. Credit given for only one of D302 or REEI R302.

**HIST–D 303 Heroes and Villains in Russian History (3 cr.) S & H, CSA** Biographies of a number of Russia's most colorful personalities and the times in which they lived; among them, Ivan the Terrible, Pugachev, Peter the Great, Catherine the Great, Bakunin, Tolstoy, Lenin, Trotsky, Stalin.

**HIST–D 304 Jews of Eastern Europe (3 cr.) S & H, CSA** Study of the history of Jewish life in Eastern Europe. Topics to be discussed will include Hasidism, Kabbalah, shtetl life, Haskalah (the Jewish Enlightenment), Socialism, Yiddish literary traditions, and the Holocaust.

**HIST–D 305 Women in Russian History and Soviet Society (3 cr.) R: H202 and D302/REEI R302. S & H, CSA** Women's contribution to Russian history and the woman question in Soviet society. Includes working women, revolutionary women, feminism, women of privilege. Social, political, and cultural histories are treated.

**HIST–D 306 Muscovy and Imperial Russia, 1500–1801 (3 cr.) S & H, CSA** Russian history from 1500 to 1801, including cultural, religious, and secular trends; political theory and administration; social stratification and social psychology; industrialization; rural and agricultural life; enlightenment and the development of national self-consciousness; and revisions in traditional historiography. Credit given for only one of D306 or D406.

**HIST–D 308 Empire of the Tsars (3 cr.) S & H, CSA** Russian empire under Peter the Great, Catherine the Great, Napoleon's invasion, expansion across Asia into the Americas, nationalism, war, and revolution. Other topics include daily life of the common people, gender issues, religion, and the emergence of a modern industrial society. Credit given for only one of D308 or D409.

**HIST–D 309 Russia in World War II: Battles and People (3 cr.) S & H, CSA** Issues covered include Soviet politics and society on the eve of WWII, prewar diplomacy, the major battles of WWII on the Eastern Front, the Soviet "home front," popular culture, and the impact of WWII on the Soviet Union and on the Soviet Union's international position.

**HIST–D 310 Russian Revolutions and the Soviet Regime (3 cr.) S & H, CSA** Causes and development of Russian revolutions and civil war; Lenin, Trotsky, and Stalin; purges, terror, economic development, society, and

arts under Stalin; struggle against Hitler; scope and limits of de-Stalinization under Khrushchev; minorities, dissent, and life in the Soviet Union. Credit given for only one of D410 or D310.

**HIST-D 320 Modern Ukraine (3 cr.) S & H, CSA** A history of one of the most neglected nations in European history, once the breadbasket of the Soviet Union and now one of the largest nations in Europe. Examines issues of national identity and national consciousness and explores the place of Ukraine in Eurasian history.

**HIST-D 321 Hungarian History and Civilization to 1711 (3 cr.) S & H, CSA** Origin of the Hungarian people; settlement of the Danubian basin; adoption of Christianity; formation of Hungarian state; impact of western European civilization and economic system during Middle Ages and Renaissance; effect of Ottoman domination; Ottoman-Habsburg conflict; liberation of Hungary from Turkish rule. Credit given for only one of D421 or D321.

**HIST-D 322 Hungarian History and Civilization 1711–1918 (3 cr.) S & H, CSA** Modernization and rebuilding of Hungary during Habsburg enlightened absolutism; age of reform and the revolution of 1848–1849; compromise of 1867; social and economic transformation of Hungary within the framework of the Austro-Hungarian monarchy; problems of a multinational state; World War I and collapse of historical Hungary. Credit given for only one of D422 or D322.

**HIST-D 325 Path to Emancipation: Nationalism in the Balkans, 1804–1923 (3 cr.) S & H, CSA** Decline of the Ottoman Empire. Revolutionary traditions and movements; peasant societies and folk customs; literary and linguistic nationalism; Balkan irredentism. Formation of Serbian (Jugoslav), Greek, Rumanian, Bulgarian, Albanian, and Turkish national states. Austro-Hungarian, Russian, and British influence and imperialism in southeastern Europe and Near East. Credit given for only one of D425 or D325.

**HIST-D 327 Nation-Making and Imperial Decline in East Central Europe, 1780–1918 (3 cr.) S & H, CSA** Enlightened despotism; Metternichian system; struggle for German unification; Habsburg culture and civilization. German-Austrian, Hungarian, Czechoslovak, South Slavic, Rumanian, and Polish nationalism. Industrialization; Christian socialism and Austro-Marxism; murder at Sarajevo; destruction of the empire; its legacy to Europe. Credit given for only one of D427 or D327.

**HIST-D 329 Eastern Europe in the First Half of the Twentieth Century (3 cr.) S & H, CSA** Begins around 1900 with twilight of great empires (Russian, Prussian, Ottoman, and Austro-Hungarian), exploring origins of modern eastern Europe, the “rebirth” of Eastern Europe after WWI; wild 1920s; polarizing ideological spectrum of the 1930s; and dynamics of communism and fascism. Given the spectre of WWII, this course will pose the question of whether and how we can read the interwar years in a way other than as a prelude to an inevitable catastrophe to come. Credit given for only one of D428, D328, or D329.

**HIST-D 330 Eastern Europe in the Second Half of the Twentieth Century (3 cr.) S & H, CSA** Examines origins of communism in Eastern Europe, brutal takeover and Stalinization, attempts to reform communism, the fall of communism and ensuing battles for privatization,

democratization, and the Wars in Yugoslavia. Looks at political institutions that shaped communist and post-communist Eastern Europe and important social and cultural developments. Credit given for only one of D428, D328, or D330.

**HIST-D 400 Issues in Russian/East European History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

### African History

**HIST-E 100 Issues in African History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with different topics for a maximum of 9 credit hours.

**HIST-E 200 Issues in African History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-H 227 African Civilizations (3 cr.) S & H, CSA** Introduction to African culture; African environment; early humans in Africa; precolonial history; traditional political, economic, and social systems; language, religion, art, music, literature.

**HIST-E 300 Issues in African History (3 cr.) S & H** Study and analysis of selected historical issues and problems of limited scope. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-E 331 African History from Ancient Times to Empires and City States (3 cr.) S & H, CSA** Origins and groupings of peoples of Africa; political, social, and economic evolution to 1750; Africa's contacts with ancient world, trans-Sahara and Indian Ocean trades, growth of states and empires, spread of Islam. Credit given for only one of E431 or E331.

**HIST-E 332 African History from Colonial Rule to Independence (3 cr.) S & H, CSA** 1750 to present. Slave trade, European imperialism; impact of Islam and Christianity, new state formations, reassertion of African culture and identity. Credit given for only one of E432 or E332.

**HIST-E 333 Conflict in Southern Africa (3 cr.) S & H, CSA** Early populations and environment; spread of European settlement, interaction with African societies, and early race relations; Zulu power and white power; discovery of minerals and industrialization; urbanization and segregation; African and Afrikaner nationalisms; South Africa and its neighbors; Mandela and the new South Africa. Credit given for only one of E433 or E333.

**HIST-E 334 History of Western Africa (3 cr.) S & H, CSA** History of Senegambia, Mali, and Upper Guinea Coast. The Mali Empire, African “landlord” and European “stranger” relationships, slave and nonslave trade, spread of Islam, European conquest and colonial rule, and the

integration of western Africa into the world economy. Credit given for only one of E434 or E334.

**HIST-E 336 History of East Africa (3 cr.) S & H, CSA** Developments over the past two millennia in Ethiopia, Somalia, Kenya, Uganda, Tanzania, Malawi, and northern Mozambique. Topics include the environment and peoples; the emergence of hierarchical societies; nineteenth-century economic and political changes; European imperialism; transformations in the colonial era; African independence. Credit given for only one of E436 or E336.

**HIST-E 338 History of Muslim West Africa (3 cr.) S & H, CSA** Develops the origins of Islam in West Africa and the ways West Africans incorporated, transformed, and amplified Muslim beliefs and practices throughout history. Credit given for only one of E438 or E338.

**HIST-E 340 African History and Popular Culture (3 cr.) S & H, CSA** African popular culture (music, sports, fashion) is the lens used to explore how Africans responded to and shaped life under colonial rule and after independence. We consider questions like: What is the relationship between popular culture and politics? How does popular culture change how we think about colonialism and independence?

**HIST-E 400 Issues in African History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

### Latin American History

**HIST-F 100 Issues in Latin American History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester but will usually be broad subjects that cut across fields, regions, and periods. May be repeated with different topics for a maximum of 9 credit hours.

**HIST-F 200 Issues in Latin American History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-H 211–H 212 Latin American Culture and Civilization I–II (3–3 cr.) S & H, CSA I:** 1492–1850. African, Indian, Spanish, Portuguese heritage. Discovery and conquest. Clash of cultures. Spanish empire. Society, culture, economics, politics. Bourbon reform, independence, new republics. II: 1850–present. Cultural and national identities. Diplomacy, dictators, social progress. National cultures. Mexican revolution: Latin America in a world community. Revolution and counterrevolution. H211, I Sem., II Sem., SS; H212, I Sem., II Sem., SS.

**HIST-F 300 Issues in Latin American History (3 cr.) S & H** Study and analysis of selected historical issues and problems of limited scope. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-F 336 Modern Central American History (3 cr.) S & H, CSA** Studies social, economic, cultural, and

political development from 1821–1990. Major topics include coffee and liberalism, the United States and Nicaragua, the era of reform, revolution, and counter-revolution. Credit given for only one of F436 or F336.

**HIST-F 340 Modern Argentina (3 cr.) S & H, CSA** Modern Argentina from Independence to the Contemporary era. Focuses on the historical development of the modern Argentine nation-state and the roots of its unique social, cultural, and political formations. The material used will be of an interdisciplinary nature ranging from novels and films to anthropological reports and political speeches.

**HIST-F 345 History of Cuba and Puerto Rico (3 cr.) S & H, CSA** Explores key historical processes from first inhabitation through the present, including the social and economic repercussions of slavery; the impact of U.S. intervention on the islands; the effects of industrialization on Puerto Rican economy and policies; the Cuban Revolution and the transformation of Cuban society.

**HIST-F 346 Modern Mexico (3 cr.) S & H, CSA** Places contemporary Mexico in historical perspective, focusing on the nineteenth and twentieth centuries. Topics include nineteenth-century social and political movements; the causes and consequences of the 1910 revolution; the formation of Mexico's political system; problems of economic growth; and the changing patterns of gender, class, and ethnicity in Mexican society. Credit given for only one of F346, F446, or LTAM L400.

**HIST-F 348 Introduction to Contemporary Latin American Reality (3 cr.) CSA** Surveys the social, economic, political, and cultural factors that affect ordinary Latin Americans. Introduces themes ranging from the legacy of military regimes in the Southern Cone to social and political movements in Mexico, from the environmental disaster of the Brazilian rain forest to the impact of sports and television soap operas.

### Asian History

**HIST-G 101 East Asia in World History (3 cr.) S & H, CSA** This course presents, in broad scope, the relevance of developments in East Asia to the history of the physical world, human culture, and advanced civilizations, from the “big bang” to the present. Credit given for only one of EALC E101 or HIST G101.

**HIST-G 200 Issues in Asian History (3 cr.) S & H** Study and analysis of selected historical issues and problems of general import. Topics vary from semester to semester but usually are broad subjects that cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-H 207 (EALC E252) Modern East Asian Civilization (3 cr.) S & H, CSA** Contrasting patterns of indigenous change and response to Western imperialism in East Asia during the nineteenth and twentieth centuries. China and Japan receive primary consideration; Korea and Vietnam, secondary. Emphasis on the rise of nationalism and other movements directed toward revolutionary change.

**HIST-H 208 American–East Asian Relations (3 cr.) S & H, CSA** Describes and analyzes the mutual interaction of the American countries and the major countries of East Asia—China, Japan, Korea, and Vietnam

—during the nineteenth and twentieth centuries. Emphasis on cultural interrelations and changing images.

**HIST-H 237 Traditional East Asian Civilization (3 cr.) S & H, CSA** Chronological and comparative survey of the traditional civilizations of East Asia through lectures and readings of source materials (in translation) in literature, history, philosophy, and the arts, with emphasis on the interrelationship among the cultures of East Asia from ancient times to the early modern era. Credit given for only one of H237 or EALC E251.

**HIST-H 238 Introduction to South Asian History and Civilization (3 cr.) S & H, CSA** Survey course which examines some of the important problems and debates current in South Asian history. Topics covered range from the neolithic period to the present day, and include the nature of ancient South Asian society, medieval Islamic empires, and British imperialism in the region.

**HIST-G 300 Issues in Asian History (3 cr.) S & H** Study and analysis of selected historical issues and problems of limited scope. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST-G 350 Modern South Asia: Eighteenth to Twentieth Century (3 cr.) S & H, CSA** In-depth examination of the “making of modern South Asia” through this region’s experience as an imperial territory of Great Britain. The focus of the course is upon social and cultural change, colonial governance, and forms of Indian nationalism.

**HIST-G 357 Premodern Japan (3 cr.) R:** previous history course in any field, or previous East Asian Studies course related to Japan. **S & H, CSA** Society and culture on the Japanese archipelago, from their origins to the high middle ages. Prehistoric Jomon and protohistoric Yayoi. Formation of the Japanese state under the influence of Chinese and Korean models. Heian courtly culture. Ascendancy of military elites and developments in popular culture during Kamakura and Muromachi periods. Credit given for only one of G467 or G357.

**HIST-G 358 Early Modern Japan (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to Japan. **S & H, CSA** Samurai culture, expansion of Buddhism, and sectarian violence. High feudalism, unification, and the Tokugawa settlement after 1600. Encounter with European civilization, closed country. Urbanization, social and cultural change, rise of agrarian prosperity in the Edo period to about 1800. Credit given for only one of G468 or G358.

**HIST-G 369 Modern Japan (3 cr.) R:** Previous history course in any field, or previous East Asian studies course related to Japan. **S & H, CSA** Western impact and social and intellectual change in late Tokugawa Japan from about 1720. The Meiji Restoration. State capitalism and the Japanese development process. Empire, war, defeat, U.S. occupation, and renewal in the twentieth century, social and economic structures, religious systems, gender, science and art, and Korea’s interaction with its East Asian neighbors. Credit given for only one of G469 or G369.

**HIST-G 372 Modern Korea (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to Korea. **S & H, CSA** Early Modern (1800

—1910), Colonial (1910—1945), and Era of Division (1945—present) periods of Korean history, focusing on transformation of politics, economy, education, religion, and thought, as the nation falls under Japanese rule and subsequently splits into two states as a result of internal ideological division and the Cold War. Credit given for only one of G472 or G372.

**HIST-G 380 Early China (3 cr.) S & H, CSA** China from its neolithic background through the Qin and Western Han dynasties. Examines the Shang tribal polity, royal and aristocratic phases of the Zhou state, and the creation of the imperial system in the Qin-Han period. Changing patterns of ideology, political legitimacy, and social organization through archaeological and textual sources.

**HIST-G 382 China: The Age of Glory (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to China. **S & H, CSA** The Chinese empire from the Han through the Tang dynasties (second century B.C. through tenth century A.D.). Relations among demographic patterns, political forms, social classes, economic developments, religious movements, and cultural diversification, investigated through secondary and translated primary sources. Credit given for only one of G382 or G482.

**HIST-G 383 China: The Later Empires (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to China. **S & H, CSA** The Chinese empire from the Song through the middle Qing dynasties (tenth to eighteenth centuries A.D.). Relations among demographic patterns, political forms, social classes, economic developments, philosophical movements, and cultural diversification, investigated through secondary and translated primary sources. Credit given for only one of G483 or G383.

**HIST-G 385 Modern China (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to China. **S & H, CSA** A survey of the final century of dynastic rule and the rise to power of the Nationalist and Communist parties, highlighting social and cultural developments, the impact of Western imperialism, and the evolution of revolutionary ideologies. Credit given for only one of G485 or G385.

**HIST-G 387 Contemporary China (3 cr.) R:** Previous history course in any field, or previous East Asian Studies course related to China. **S & H, CSA** A survey of recent Chinese history focusing on social, cultural, and political life in the People’s Republic of China and post-1949 Taiwan. Events covered include the Long March, the Cultural Revolution, and the Tiananmen Square protests of 1989. Credit given for only one of G487 or G387.

**HIST-G 400 Issues in Asian History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics vary but usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

### Proseminars and Special Topics

**HIST-J 200 Seminar in History (3 cr.) P:** Consent of instructor. Freshmen and sophomores. **S & H** Selected topics of history. May be repeated twice for credit. I Sem., II Sem.

**HIST–J 300 Seminar In History (3 cr.) S & H** The refinement of students' skills as historians; will focus on the skills of writing, interpretation, historical reasoning, discussion, and research. May be repeated with a different topic and the authorization of the history undergraduate advisor for a total of 6 credit hours.

**HIST–J 301 Seminar in History for Teachers (3 cr.)** The refinement of students' skills as historians and teachers of history: will focus on the skills of writing, interpretation, historical reasoning, discussion, research, and teaching.

**HIST–J 400 Seminar in History (3 cr.) P: J300. S & H** Capstone course, generally taken in senior year. Students will discuss and analyze primary and/ or secondary sources and undertake a substantial project demonstrating mastery of the historian's skills. Topics will vary. Normally limited to majors. May be repeated once with a different topic for a maximum of 6 credit hours.

**HIST–J 450 Seminar in Women's History (3 cr.) S & H** Selected topics on women's history. Geographical areas will vary. May be taken three times for credit.

**HIST–T 100 Screening History (1 cr.)** Examines the way major historical events have been treated in film. Rather than focus on the history of cinema or on cinematic technique, the course concentrates on the depiction of the past and on what films tell us about the way societies remember.

**HIST–T 300 Issues in History (3 cr.) S & H** Study and analysis of selected historical issues and problems of limited scope. Topics will vary but will usually cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–T 400 Issues in History (3 cr.) S & H** Intensive study and analysis of selected historical issues and problems of limited scope. Topics will vary but will ordinarily cut across fields, regions, and periods. May be repeated with a different topic for a maximum of 6 credit hours.

**HIST–T 495 Undergraduate Readings in History (1-12 cr.)**

**HIST–H 496 Internship in History (1-6 cr.) P:** at least junior standing and 12 credit hours of related course work; prior arrangement with individual faculty member. S/F grading. Faculty-supervised experience in museum work, historic preservation, historical societies, oral history, or other history-related fieldwork in private and public institutions. May be repeated for a maximum of 6 credit hours; only 3 credit hours may count toward the major.

### Honors Courses

**HIST–K 392 Honors Seminar (3 cr.)** For honors students only. Introduction to various approaches in historical scholarship, illustrated with the work of professors in the department. May be taken two times for a maximum of 6 credit hours.

**HIST–K 393 Reading for Honors (1 cr.; max. 12 cr.)** P: approval of departmental honors committee.

**HIST–K 498 Senior Honors Paper (1-3 cr.)** Senior-level course for honors students only. Training in research and writing, culminating in an honors paper to be written under direction of a faculty member and reviewed by the director

of the History Honors Program. May be repeated for a maximum of 3 credit hours.

**HIST–K 499 Senior Honors Thesis (1–6 cr.; max. 6 cr.)** Senior-level course for honors students only. Training in research and writing, culminating in an honors thesis to be written under direction of a faculty member. An oral examination over the thesis is conducted by three faculty members.

## History and Philosophy of Science

### Introduction

The Department of History and Philosophy of Science (HPSC) is concerned with the structure and development of the natural, social, and medical sciences and the interplay between science and society. The department provides a diverse set of courses for undergraduates interested in the foundations of scientific knowledge, scientific methods and practices, the rise of science and medicine from their origins to the present, and the social and intellectual impacts of science and medicine.

### Contact Information

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## Faculty

### Chairperson

- Professor Domenico Bertoloni Meli

### Distinguished Professor and Ruth N. Halls Professor

- William Newman

### Tanis Chair

- Professor Elisabeth Lloyd

### Professors

- Colin Allen
- Domenico Bertoloni Meli

### Associate Professors

- James Capshew
- Ann Carmichael
- Jordi Cat
- Sander Gliboff
- Jutta Schickore

### Assistant Professor

- Amit Hagar

### Academic Advising

- Becky Wood, Goodbody Hall 130, (812) 855-9334

## Note Regarding Undergraduate Courses

Because the department does not offer an undergraduate major, almost no course requires a previous history and



philosophy of science course for enrollment. Science and other requirements are specified only when they are essential for comprehending the course material.

### Guide to Course Numbers

Courses at the 100 level are designed for freshmen and sophomores. Such courses are typically limited to enrollments of 35 students per section. The 200-level courses do not require extensive experience in an appropriate major and are designed for undergraduates at all levels. The 300-level courses deal with more specialized topics and may require some understanding of a particular science. The 400-level courses are specialized courses designed with college honors students particularly in mind. The 300- and 400-level courses sometimes meet with corresponding graduate courses, but will normally carry separate undergraduate requirements.

## Area Certificate in the Cultures of Science and Medicine

### Purpose

This program aims to give both undergraduates majoring in the sciences and undergraduates majoring in the humanities a unique opportunity to bridge the ever-widening gap between the notorious "two cultures." The program is organized and administered within the Department of History and Philosophy of Science, but it also involves a wide spectrum of other units across the university, such as the Departments of Anthropology, Biology, Chemistry, Computer Science, English, History, Mathematics, Philosophy, Physics, Psychological and Brain Sciences, Religious Studies, and Sociology; and the Schools of Business, Education, Informatics and Computing, Journalism, and Public and Environmental Affairs. The program involves several different tracks that integrate the sciences and the humanities in a variety of ways: (1) Life Sciences; (2) Physics, Computation, and Cognition; (3) Science, Society, and Culture; (4) the Nature of Science.

### Required Courses

Students must complete 25–27 credit hours—24 credit hours of course work divided into eight 3 credit courses, with 1–3 extra credit hours given for a capstone research project. Four of the courses, totaling 12 credit hours, will be in the Department of History and Philosophy of Science, and the remaining four, also totaling 12 credit hours, will be spread across the other curricular units involved in the program in accordance with the chosen track. Each student's plan for a particular track must be approved by the director of the program.

A 100-level core course in history and philosophy of science is required for all students in the program. Students may select either the introductory survey course offered every semester under the course number X102 or the Topics course relevant for their chosen track:

- **Track 1:** E104 Genetics, Eugenics & Biotechnology, or E105 The Science of Animal Minds
- **Track 2:** E103 Quantum Mysteries for Everyone, or E105 The Science of Animal Minds, or E 105 Rational Decision Making
- **Track 3:** E104 Evolution, Religion and Society, or E104 Occult in Western Civilization, or E104 Eyes, Optics, Light & Color

- **Track 4:** E104 "What is Science? And, Who Cares?," or E105 The Scientific Revolution, or E 105 Rational Decision Making

Three other HPSC courses relevant for the chosen track, one of which must be at or above the 300 level, are also required. These courses will be selected in consultation with the Director of Undergraduate Studies. Four courses from other relevant units, adapted to the particular track elected by the student, will then complete the program. In non-HPSC courses, at least one must be at the 300 level or above. Four courses (including both HPSC and non-HPSC courses) will be at the 300–400 level.

Recommended Courses (offered regularly)

### Track 1

- Memoirs of Madness (S103)
- Environmental History (X223)
- The Origins of Darwinism (X226)
- History of Physiology from 18th Century–20th Century (X226)
- History of Medicine: From Galen to Harvey and Microscopy (X323)
- Anatomy and Physiology on William Harvey and His Century (X326)
- History of Biology (X308)
- Human Nature (X320)
- History and Philosophy of Medicine (X320)
- Philosophy of Medicine (X320)
- Perception and Observation (X323)

### Track 2

- Philosophical Foundations of Cognitive Science (COGS-Q 240)
- Technology and Culture (X210)
- History and Philosophy of Physics (X226)
- Philosophy of Physics (X220)
- Philosophy of Images and Metaphors in Science (X320)
- Computer LTD: Logical and Physical Limits on Computation (X326)
- Quantum Paradoxes: Joy of Entanglement (X326)
- Relativity Theory (X323)

### Track 3

- The Origins of Darwinism (X226)
- Environmental History (X223)
- The Art of Science: History and Philosophy of the Use of Images in Science (X326)
- Anatomy and Physiology: William Harvey and His Century (X326)
- Cultural History of Astrology (X320)
- Science and Gender (X370)
- Victorian Science, Philosophy, and Culture (X420)

### Track 4

- History of Science before 1750 (X406)
- Scientists at Work: Frankenstein to Einstein (X110)
- Modern Philosophy (X452)
- Scientific Understanding (X451)
- History of Science since 1750 (X407)
- Perception and Observation (X323)
- Instruments and Experiments (X326)

- The Art of Science: History and Philosophy of the Use of Images in Science (X326)

Additional courses from our course offerings may be selected in consultation with the Director of Undergraduate Studies.

## Minor in History and Philosophy of Science

### Required Courses

18 College of Arts and Sciences credit hours in history and philosophy of science, chosen in consultation with the director of undergraduate studies, including:

1. At least one course at the 300 or 400 level.
2. Not more than three courses from the following: X100, X102, X110, X200, X207.

## Course Descriptions

### General Introductory Courses

Recommended particularly for freshmen and sophomores who wish to explore how thought, society, and nature interact to make and shape science.

#### HPSC–X 100 Human Perspectives on Science (3 cr.)

**A & H** Selected issues in the history and philosophy of science. Individual sections will vary in content and major themes, but all will employ case studies to examine the philosophical, cultural, institutional, and social impact of science on our lives. Departmental flyers, available at registration time, will describe each section in detail. May be repeated once for credit with different topic.

#### HPSC–X 102 Revolutions in Science: Plato to NATO

**(3 cr.) S & H** An introduction to the formative steps in the scientific tradition. The course will survey in a chronological sequence aspects of the Aristotelian worldview, the Copernican revolution, the mechanical philosophy, the chemical and Darwinian revolutions, and the rise of twentieth-century science.

#### HPSC–X 110 Scientists at Work: from Frankenstein

**to Einstein (3 cr.) S & H** Introduction to the study of science as a cultural phenomenon. Exploration of the individual and collective behavior of scientists in historical and contemporary contexts using materials from history, biography, sociology, journalism, fiction, drama, poetry, and film.

#### HPSC–X 200 Scientific Reasoning (3 cr.) N & M

Patterns of scientific reasoning presented in a simple form useful to both nonscientists and prospective scientists for understanding and evaluating scientific information of all sorts. Illustrations in the natural, biological, behavioral, and biomedical sciences are drawn from a wide variety of historical and contemporary sources, including popular magazines and newspapers.

#### HPSC–X 207 The Occult in Western Civilization (3 cr.)

**A & H** Critical and historical evaluation of a wide range of occult topics: superstitions, magic, witchcraft, astrology, the Cabala, psychic phenomena (mesmerism, spiritualism, ESP), and UFOs.

#### HPSC–X 253 Inductive Reasoning (3 cr.) N & M

Hume argued that there is no rational inference from our past experience of the sun's rising to the prediction that it will rise tomorrow. What do philosophers today say about the

problem of induction? This course shows how probability theory and other formal devices can be used to model inductive inferences. Credit not given for both X253 and PHIL P253.

### Science, History, and Culture

For students at all levels who want to study the role of science, medicine, and technology in the modern world. Previous experience with history and philosophy of science courses not expected.

#### HPSC–X 205 Introduction to Medical History (3 cr.)

**S & H** From primitive humans to the present: survey of medical concepts, systems of health care, and the social relations of physician and patient.

#### HPSC–X 210 Technology and Culture (3 cr.) S & H

We will consider the following questions (among others): Is Western technology fundamentally different from that of other cultures? What do science and technology have to do with each other? Is technology gendered? Is technological change inevitable or desirable?

#### HPSC–X 222 Big Science in the Twentieth Century

**(3 cr.) S & H** Exploration of the effects of increasing scale on the nature of the scientific enterprise, with case studies from physics, space science, biology, and other fields. Topics include measuring the size of science, the politics of large-scale research, funding, and the growth of knowledge.

#### HPSC–X 227 From Logic to Physics—What Computers

**Cannot Do (3 cr.) N & M** Acquaints learners with the logical limits of computation and with their migration into physics from the framework of the foundations of mathematics within which they were originally conceived.

#### HPSC–X 308 History of Biology (3 cr.) P:

Two college-level courses in the life sciences. **A & H** Survey of the important concepts in biology from antiquity to the mid-twentieth century. Emphasis will be on changes in evolution theory and concepts of development and inheritance. Credit not given for both X408 and X308.

#### HPSC–X 338 Science and Religion (3 cr.) A & H

Examines the relationship between science and religion in terms of its areas of inquiry, social institutions, and historical phenomena. Topics will include Mesopotamian astronomy and astrology, science and the Church in the Middle Ages, Galileo and the Church, Christianity and the Newtonian worldview, the Darwinian Revolution and creationism, and the impact of contemporary physics on theology.

#### HPSC–X 369 History of American Science (3 cr.)

**R:** One course in American history and one course in natural science. **S & H** Survey of the intellectual and institutional development of science in the United States from colonial times to the present, with special emphasis on the changing role of the scientist in American society.

#### HPSC–X 370 Science and Gender (3 cr.) S & H

The role of science and technology in constructions of masculinity and femininity from 1600 to the present. Historical and philosophical analysis of the interaction between science and technology and ideologies of gender. Evaluation of proposals for transforming science.

#### HPSC–X 371 Topics in the Science of Sex and Gender (3 cr.) P:

May vary with topic. **S & H** Possible topics

include history of theories of sexuality, critique of current scientific concepts of sex and gender, philosophical perspectives on sexology, and the history of theories of sex evolution and determination. Departmental flyers, available at registration time, will describe each section in detail.

**HPSC–X 493 Structure and Methods of the Life Sciences (3 cr.) A & H** Addresses fundamental questions such as: What are the differences between the life sciences and the physio-chemical sciences? Is reduction possible in the life sciences, and what does it mean? What is the best way to analyze theory structure in the life sciences? How successful has the genomic approach been in the life sciences, in reducing explanation to a molecular level? What does it mean to say that explanation is necessary at a variety of levels of the organization of life?

### Philosophical Issues within the Sciences

Courses provide a sophisticated introduction to philosophical problems that arise in various contemporary scientific theories. Most of these courses do not presume a previous knowledge of the science examined.

**HPSC–X 390 Space, Time, and Relativity (3 cr.) A & H** Topics in the philosophy of space, time, and spacetime. Theory of motion and Zeno's paradoxes; St. Augustine on time; time and becoming; relational versus absolute theories of space and time; Mach's principle; introduction to Einstein's theory of relativity and space-time.

**HPSC–X 391 Philosophical Issues in Quantum Theory (3 cr.) A & H** An examination of philosophical problems and challenges raised by quantum theory. Topics include Heisenberg uncertainty relations, non-locality and EPR paradox, hidden variables, interpretations of quantum theory. No previous knowledge of quantum theory is assumed.

**HPSC–X 394 Structure and Methods of the Life Sciences (3 cr.) A & H** Examination of selected fundamental questions concerning the structure and methods of biology and psychology. Topics include the structure of theories and testing in the life sciences; teleology; fitness and levels of selection; the logic of classification; historical explanations in science; emergence and holism.

**HPSC–X 406 Survey of History of Science up to 1750 (3 cr.) S & H** Ancient, Medieval, Renaissance, and Enlightenment science.

**HPSC–X 407 Survey of History of Science since 1750 (3 cr.) P:** Junior standing or consent of instructor. R: at least one course sequence in Western history (such as H103-H104). **S & H** Growth of quantitative methods in physical science and experimental methods in physical science and experimental methods in natural history. Gradual separation of science from philosophy and theology.

**Fundamental Problems in Philosophy of Science** Advanced undergraduate courses. X451, X452, and X456 together constitute a systematic survey of the major issues in contemporary philosophy of science. They may be taken separately or in any order.

**HPSC–X 451 Scientific Understanding (3 cr.) P:** Junior standing or consent of instructor. R: one course in philosophy or philosophy of science. **A & H** Science claims to tell us what the world is like, even the part of the world we cannot see, and to explain why things happen the way they do. But these claims are controversial. This course examines competing models of scientific explanation and the ongoing debate over whether scientific theories should or even can be interpreted realistically.

**HPSC–X 452 Modern Philosophy of Science (3 cr.) P:** Junior standing or consent of instructor. R: one course in philosophy or philosophy of science. **A & H** Examines the origin and character of twentieth-century philosophy of science by investigating the historical development—in interaction with parallel developments within the sciences themselves—from 1800 to the early twentieth century. Hermann von Helmholtz, Ernst Mach, Henri Poincare, Moritz Schlick, and Rudolf Carnap.

**HPSC–X 456 Philosophy of Science in Antiquity (3 cr.) A & H** Historical survey of philosophical discussions of the nature of science, to include figures such as Plato, Aristotle, Epicurus, Augustine, and Aquinas. Covers a period from the ancient Greeks to the Middle Ages; may cover a longer or shorter period.

### Special Topics and Seminars

Students should consult the departmental flyers at the time of registration for the content, requirements, and format of these courses.

**HPSC–X 123 Perspectives on Science: Social and Historical (3 cr.) S & H** Individual sections will vary in content and major themes, but all will employ case studies from the history of science to examine the intellectual, cultural, and social impact of science for a variety of historical perspectives. Various case studies are presented at an introductory level. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 126 Perspectives on Science: Natural and Mathematical (3 cr.) N & M** Individual sections will vary in content and major themes, but all will employ case studies to illustrate, from a variety of perspectives, the logic and methods of the natural and mathematical sciences. Examples illustrating these methods are presented at an introductory level. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 220 Issues in Science: Humanistic (3 cr.) A & H** General topics and themes in the history and philosophy of science. Departmental flyers, available at registration time, will describe each section in detail. May be repeated with a different topic for a maximum of 6 credit hours.

**HPSC–X 223 Issues in Science: Social and Historical (3 cr.) S & H** Individual sections will vary in the central issue to be discussed, but all will engage in an examination of some issue concerning the intellectual, cultural, and social impact of science in historical perspective. Designed to investigate the evidence and arguments related to different interpretations of or approaches to the central theme or issue of the course. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 226 Issues in Science: Natural and Mathematical (3 cr.) N & M** Individual sections will vary in the central issue to be discussed, but all will engage in an examination of some issue concerning the logic and methods of the natural and mathematical sciences, with a view toward understanding those methods and the role they play in scientific theorizing generally. Designed to investigate the evidence and arguments related to different positions on the role or value of such methods in science. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 300 Undergraduate Readings in History and Philosophy of Science (1–5 cr.)** Individualized readings for students minoring in history and philosophy of science. May be used with consent of instructor as an alternative to other undergraduate courses.

**HPSC–X 320 Topics in Science: Humanistic (3 cr.) A & H** Specialized topics and themes in the history and philosophy of science. Departmental flyers, available at registration time, will discuss each section in detail. May be repeated with different topics for a maximum of 9 credit hours.

**HPSC–X 323 Topics in Science: Social and Historical (3 cr.) S & H** Specialized topics and themes relating to the intellectual, cultural, and social impact of science in historical perspective. Students will engage with primary source material and with debates about how that material ought to be understood. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 326 Topics in Science: Natural and Mathematical (3 cr.) N & M** Specialized topics and themes relating to the logic and methods of the natural and mathematical sciences, with a view toward understanding those methods and the role they play in scientific theorizing. Students will engage with actual philosophical debates about the proper understanding of an application of such methods in science. May be repeated with a different topic for a total of 6 credit hours.

**HPSC–X 420 Advanced Seminar in the History and Philosophy of Science (3–4 cr.)** This seminar offers specialized topics and themes in history and philosophy of science. Weekly meetings and reports on weekly reading assignments. Consult departmental flyers available at registration time for seminar topic and structure. May be repeated once with a different topic for a maximum of 8 credit hours.

## Cross-Listed Courses

### Biology (BIOL)

- L369 Heredity, Evolution, and Society (3 cr.) **N & M**

### College of Arts and Sciences (COLL) Topics Courses

- E103 Topics in Arts and Humanities (3 cr.) **A & H** Approved topics: Quantum Mysteries for Everyone; The Modern University: Campus, Community, and Culture
- E104 Topics in Social and Historical Studies (3 cr.) **S & H** Approved topics: Genetics, Eugenics, and Biotechnology; The Occult in Western Civilization; Evolution, Religion, and Society; What Is Science? And, Who Cares? All You Ever Wanted to Know; Voyages of Scientific Discoveries; Eyes, Optics,

Light, and Color: Studies of Vision from the Renaissance through the Twentieth Centuries

- E105 Topics in Natural and Mathematical Sciences (3 cr.) **N & M** Approved topics: Scientific Revolutions; Rational Decision Making

### English (ENG)

- L240 Literature and Public Life (3 cr.) **A & H** Approved topic: Literature and Medicine

### History (HIST)

- H213 The Black Death (3 cr.) **S & H, CSA**
- H333 Epidemics in History (3 cr.) **S & H**
- J400 Seminar in History (3 cr.) **S & H** Approved topic: Sickness and Health in Society

### Hutton Honors College (HON)

- H205 Interdepartmental Colloquia (3 cr.) **N & M, TFR**

### Physics (PHYS)

- P211 Global Energy Problems: Technological Options and Policy Choices (3 cr.) **N & M**

### Sociology (SOC)

- S319 Science, Technology, and Society (3 cr.) **S & H**

### School of Public and Environmental Affairs (SPEA)

- E262 Environmental Problems and Solutions (3 cr.)
- H316 Environmental Science and Health (3 cr.)
- H322 Principles of Epidemiology (3 cr.)

## Human Biology

### Introduction

The Human Biology program provides students with a holistic understanding of our species with a focus on our biology. It includes consideration of how our biology is altered by both evolutionary history and a contemporary environment that includes natural, social, and technological components, and how it is interpreted within a social and cultural context. Students explore these diverse aspects of humanity while gaining a solid knowledge of our biological foundations. In the Human Biology curriculum, students study cases from the perspectives of different disciplines, work with team members to generate and present cases, participate in experiential learning environments, conduct original research, and communicate their work to a larger community using various media.

The Human Biology program is designed around a core sequence of two interdisciplinary 4-credit courses and a senior capstone course that is 3 credits. In addition to these, students take required courses in a variety of disciplines to gain expertise in the diverse aspects of human biology, and courses in a single area of concentration, that allow for more in-depth study in their area of interest. Each area of concentration includes courses from both the life science perspective and the historical, social, arts, and humanities perspectives.

## Contact Information

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## Faculty

### Director

- Professor Andrea S. Wiley (Anthropology)

### Assistant Director

- Phillip L. Quirk

### Distinguished Professors

- Ellen D. Ketterson (Biology)
- Michael J. Wade (Biology)

### Chancellors Professors

- Robert J. Meier (Emeritus, Anthropology)
- Bernice Pescosolido (Sociology)

### Arnold and Maxine Tanis Chair of History and Philosophy of Science

- Elisabeth A. Lloyd (History and Philosophy of Science, Biology)

### Professors

- Mark W. Braun (Medical Sciences)
- Gerhard Glomm (Economics)
- Kevin D. Hunt (Anthropology)
- Jane D. McLeod (Sociology)
- Olaf Sporns (Psychological and Brain Sciences)
- Andrea S. Wiley (Anthropology)

### Associate Professors

- Erik P. Bucy (Telecommunications)
- James H. Capshew (History and Philosophy of Science)
- Vivian Nun Halloran (Comparative Literature)
- Richard W. Hardy (Biology)
- Joseph A. Near (Medical Sciences)
- Heather L. Reynolds (Biology)
- Marla R. Sandys (Criminal Justice)
- Whitney M. Schlegel (Biology)
- Lisa H. Sideris (Religious Studies)

### Assistant Professors

- Colin R. Johnson (Gender Studies)
- Frederika A. Kaestle (Anthropology)

### Lecturers

- Amy K. Berndtson (Biology)
- Pamela L. Hanratty (Biology)
- Phillip L. Quirk (Human Biology)

### Professors Emeriti

- Robert J. Meier (Anthropology)
- Craig E. Nelson (Biology)

## Center and Institute Faculty

- Kenneth D. Pimple (Poynter Center for the Study of Ethics and American Institutions)

## Academic Advising

- Andy Ruff, Student Building 055, (812) 856-0905

## Major in Human Biology—B.A.

### Purpose

The human biology B.A. provides students with a holistic understanding of our species with a focus on our biology, including consideration of how that biology is altered by our evolutionary history and a contemporary environment that includes natural, social, and technological components. Students explore these diverse aspects of humanity while gaining a solid knowledge of our biological foundations. The focus of the B.A. is at the organismal level, with attention to lower levels as needed, and B.A. students are encouraged to investigate human biology with a broad interdisciplinary lens. Students can focus their course work in an area of concentration most suited to their interests. The B.A. degree allows for breadth and flexibility in the curriculum and the possibility for pursuing a double major. Students can also fulfill the requirements necessary for a variety of post-baccalaureate health sciences and graduate school programs.

### Required Courses

In addition to the requirements for the B.A. degree in the College of Arts and Sciences, students must complete 38–40 credit hours from the following:

#### 1. Human Biology core courses (all required):

- B200 The Intricate Human
- B300 Human Dilemmas
- B400 Complex Problems of Humanity

#### 2. Additional core course work:

- One course from PHSL P215 Basic Human Physiology, ANAT A215 Basic Human Anatomy, or ANAT A480 Anatomy for Imaging
- ANTH B200 Introduction to Bioanthropology
- HPSC X200 Scientific Reasoning or HPSC X102 Revolutions in Science: Plato to NATO
- PSY P101 Introductory Psychology, or PSY P155 Introduction to Psychological and Brain Sciences, or BIOL L350 Environmental Biology, or BIOL L222 The City as Ecosystem

3. One course in Statistics from STAT S300 or K310, PSY K300 or K310, CJUS K300, ECON E370 or S370, ANTH A306, SOC S371, POLS Y395, LAMP L316, SPEA K300. 4. Area of Concentration Courses: 12 additional credit hours in one area of concentration; at least 6 credit hours must be at the 300 level or above. Within the area of concentration, courses must be selected according to the following criteria:

- At least two courses must be selected from the Life Science Perspectives list, one of which must be a 300–400 level laboratory (or lecture/lab) course. Up to 3 credit hours of life sciences research (HUBI B490 Undergraduate Research in Human Biology, BIOL L490 Individual Study, CHEM C409 Chemical Research, or PHYS S406 Research Project) may count toward this requirement.

- At least two courses must be selected from the Historical, Social, Arts, and Humanities Perspectives list.

4. Students who are pursuing the B.A. in Human Biology and the Minor in Medical Sciences can count up to 10 credit hours (usually ANAT A215 or A480 and PHSL P215) from the Medical Sciences minor toward the B.A. in Human Biology.

### Recommendations

Human Biology Program students are strongly encouraged to take advantage of the opportunities available at IU Bloomington to complement their area of concentration by seeking internships, working in research laboratories, attending seminars, or becoming human biology peer instructors. Students are encouraged to take a course in information literacy (e.g., BIOL L301 Information Literacy in Biology).

## Major in Human Biology—B.S.

### Purpose

The human biology B.S. provides students with a holistic understanding of our species with a focus on our biology, including consideration of how that biology is altered by our evolutionary history and a contemporary environment that includes natural, social, and technological components. Students explore these diverse aspects of humanity while gaining a solid knowledge of our biological foundations. Core coursework extends the investigation of human biology to the sub-cellular and molecular level and places the details of human biology within the larger context of biological and biochemical mechanisms common to all life forms. The B.S. degree in Human Biology is designed to provide students with a strong scientific knowledge base in human biology, interdisciplinary perspectives on the human condition, and an opportunity to focus their coursework in an area of concentration most suited to their interests. Many human biology B.S. degree students are preparing for graduate education or professional school in the health sciences, business, or law. Students can also prepare for careers in the life science industries.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing (English composition and intensive writing): same as the general requirements for the B.A. degree.
2. Foreign language: three semesters in the same language, or equivalent proficiency.
3. Mathematics: one of MATH-M 118, M119, or M211.
4. Arts and humanities: two courses.
5. Social and historical studies: two courses.
6. Natural and mathematical sciences: fulfilled by major.
7. Topics: one course.
8. Culture Studies: one course from List A.

### Major Requirements

1. Human Biology core courses (all required):

- B200 The Intricate Human
- B300 Human Dilemmas

- B400 Complex Problems of Humanity

2. Additional core course work:

- PHSL P215 Basic Human Physiology
- ANAT A215 Basic Human Anatomy, or ANAT A480 Anatomy for Imaging
- ANTH B200 Introduction to Bioanthropology
- HPSC X200 Scientific Reasoning or HPSC X102 Revolutions in Science: Plato to NATO
- PSY P101 Introductory Psychology, or PSY P155 Introduction to Psychological and Brain Sciences, or BIOL L350 Environmental Biology, or BIOL L222 The City as Ecosystem

3. One course in Statistics chosen from STAT S300 or K310, PSY K300 or K310, CJUS K300, ECON E370 or S370, ANTH A306, SOC S371, POLS Y395, LAMP L316, SPEA K300.

4. BIOL L112, CHEM C117, and BIOL L211 (all required)

5. Two of the following courses: PSY P346 Neuroscience, BIOL L311 Genetics, ANTH B370 Human Variation, or HPER N231 Human Nutrition

6. One ethics course chosen from BIOL T312 Societal Issues in Biotechnology, PHIL P140 Introduction to Ethics, PHIL P242 Applied Ethics, PHIL P393 Biomedical Ethics, POLS Y379 Ethics and Public Policy, REL D340 Religion and Bioethics, or ENG L240 Literature and Public Life.

7. Area of Concentration Courses: 12 additional credit hours in one area of concentration; at least 6 credit hours must be at the 300 level or above. Within the area of concentration, courses must be selected according to the following criteria:

- At least two courses must be selected from the Life Science Perspectives list, one of which must be a 300–400 level laboratory (or lecture/lab) course. Up to 3 credit hours of life sciences research (HUBI B490 Undergraduate Research in Human Biology, BIOL L490 Individual Study, CHEM C409 Chemical Research, or PHYS S406 Research Project) may count toward this requirement.
- At least two courses must be selected from the Historical, Social, Arts, and Humanities Perspectives list.

\*Students who are pursuing the B.S. degree in Human Biology and the Minor in Medical Sciences can count up to 10 credit hours (usually ANAT A215 or A480 and PHSL P215) from the Medical Sciences minor toward the B.A. in Human Biology.

### Recommendations

Human Biology Program students are strongly encouraged to take advantage of the opportunities available at IU Bloomington to complement their area of concentration by seeking internships, working in research laboratories, attending seminars, or becoming human biology peer instructors. Students are encouraged to take a course in information literacy (e.g., BIOL L301 Information Literacy in Biology).

## Certificate in Human Biology

### Purpose

The Certificate in Human Biology provides a broad and rigorous introduction to the biological sciences and relates these sciences to the problems raised by relationships of human beings to one another and to their environment. This distinctive program is designed to meet societal demand for students with broad biological knowledge and a scientific approach to problem-solving, who also possess an understanding of the social and cultural issues facing them as scientists. What is the biological basis of life, diversity, and disease? What is the biological basis of human behavior? How does the social construct of our society influence science and our understanding of what it means to be human? These are samples of the types of broad questions that can be explored within the Certificate in Human Biology.

### Required Courses

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. Students should contact the Human Biology Program advising office to apply for the certificate. Students must have a minimum cumulative GPA of 2.700 at the time of admission and must maintain this GPA to graduate with the certificate. Additionally, in order to complete the certificate, students must maintain a minimum cumulative GPA of 3.000 in courses taken for the certificate. Students will also be required to complete exit surveys and to develop an electronic portfolio that demonstrates the connections students have made between the courses they complete as part of the certificate and their goals for career and further study after graduation.

The certificate requires 28–29 credit hours as follows:

1. BIOL-L 112 Introduction to Biology: Biological Mechanisms (3 cr.).
2. BIOL-L 211 Molecular Biology (3 cr.).
3. MSCI-M 131 Disease and the Human Body (3 cr.).
4. ANAT-A 215 Basic Human Anatomy (5 cr.).
5. PHSL-P 215 Basic Human Physiology (5 cr.) **or** BIOL P 451 Integrative Human Physiology (4 cr.).
6. BIOL-L 350 Environmental Biology (3 cr.) **or** ANTH-B 370 Human Variation (3 cr.).
7. PSY-P 201 An Introduction to Neuroscience (3 cr.), P315 Developmental Psychology (3 cr.), **or** P326 Behavioral Neuroscience (3 cr.).
8. REL-D 340 Religion and Bioethics (3 cr.).
9. HUBI-B 480 Human Biology E-portfolio Capstone (1 cr.).

## Areas of Concentration

### Human Health and Disease

This concentration examines the biological basis for disease as well as the social and cultural implications of health and society.

### Human Reproduction and Sexuality

This concentration focuses on human reproduction and sexuality both from a biological standpoint and from a psychological and social perspective.

### Human Environment and Ecology

This concentration addresses humans as organisms interfacing with their environment and the resulting effects of this interaction on the human condition.

### Human Origins and Survival

This concentration emphasizes the biological basis of human origins, variation, and physiological adaptation through the study of genetics and evolutionary processes, as well as the role of health, disease, and medicine in cultural and evolutionary adaptations.

### Human Growth and Development

This concentration explores the development of the human body and mind, including the mechanisms and processes of change across the human lifespan, from a biological as well as a social and cultural perspective.

## Approved Area of Concentration Courses

### Human Health and Disease

#### A. Life Sciences Perspectives Courses

- BIOL L112 Introduction to Biology, Biological Mechanisms (3 cr.) **N & M**
- BIOL L211 Molecular Biology (3 cr.) **N & M**
- BIOL L311 Genetics (3 cr.)
- BIOL L318 Evolution (3 cr.)
- BIOL M250 Microbiology (3 cr.) **N & M**
- BIOL M350 Microbial Physiology and Biochemistry (3 cr.)
- BIOL M440 Medical Microbiology: Lecture (3 cr.)
- BIOL Z466 Endocrinology (3 cr.)
- CHEM C341 Organic Chemistry I Lectures (3 cr.) **N & M**
- CHEM C483 Biological Chemistry (3 cr.) **N & M**
- MSCI M131 Disease and the Human Body (3 cr.)
- MSCI M216 Medical Science of Psychoactive Drugs (3 cr.)
- MSCI M470 Mechanism of Human Disease (3 cr.)
- PSY P303 Health Psychology (3 cr.) **N & M**
- PSY P326 Behavioral Neuroscience (3 cr.)
- SPHS S307 Cognitive and Communicative Aspects of Aging (3 cr.) **N & M**

#### Lecture/Laboratory Courses

- ANAT-A 215 Basic Human Anatomy (5 cr.) **N & M**
- ANAT-A 464 Human Tissue Biology (4 cr.)
- ANTH-B 301 Laboratory in Bioanthropology (3 cr.) **N & M**
- BIOL-L 113 Biology Laboratory (3 cr.) **N & M**
- BIOL-L 319 Genetics Laboratory (3 cr.)
- BIOL-M 255 Microbiology Laboratory (2 cr.)
- BIOL-M 445 Medical Microbiology: Laboratory (3 cr.)
- BIOL-P 451 Integrative Human Physiology (4 cr.)
- CHEM-C 117 Principles of Chemistry and Biochemistry I (5 cr.) **N & M**
- CHEM-C 343 Organic Chemistry I Laboratory (2 cr.)
- CHEM-N 330 Intermediate Inorganic Chemistry (5 cr.)
- PHSL-P 215 Basic Human Physiology (4–5 cr.) **N & M**
- PHYS-P 201 General Physics I (5 cr.) **N & M**

- PHYS-P 202 General Physics II (5 cr.) **N & M**

## B. Historical, Social, Arts, and Humanities

### Perspectives Courses

- ANTH-E 260 Culture, Health, and Illness (3 cr.) **S & H, CSA**
- CJUS-P 415 Crime and Madness (3 cr.) **S & H**
- CLAS-C 209 Medical Terms from Greek and Latin (2 cr.)
- CMCL-C 333 Stigma: Culture, Deviance, and Identity (3 cr.) **A & H**
- CMCL-C 340 The Rhetoric of Social Movements (Topic: Illness, Violence, & Resistance) (3 cr.) **A & H**
- CMLT-C 340 Women in World Literature (3 cr.) **A & H, CSA**
- ECON-E 344 Health Economics (3 cr.)
- ENG-L 240 Literature and Public Life (3 cr.) **A & H**
- GNDR-G 225 Gender, Sexuality, and Popular Culture (3 cr.) **A & H, CSA**
- GNDR-G 235 Scientific Understandings of Sex and Gender (3 cr.) **S & H**
- GNDR-G 335 Explaining Sex/Gender Differences (3 cr.) **S & H**
- GNDR-G 435 Health, Sex, and Gender (3 cr.) **S & H**
- HIST-H 213 The Black Death (3 cr.) **S & H, CSA**
- HIST-H 333 Epidemics in History (3 cr.) **S & H**
- HON-H 203 Interdepartmental Colloquia (Topic: Medicine, Magic, and Mortality) (3 cr.) **A & H, TFR**
- HPSC-X 200 Scientific Reasoning (3 cr.) **N & M**
- HPSC-X 320 Topics in Science: Humanistic (Topics: Philosophy of Medicine; Protoplasm Is Soft Wax in Our Hands) (3 cr.) **A & H**
- HPSC-X 323 Topics in Science: Social and Historical (Topic: History of Medicine) (3 cr.) **S & H**
- INTL-I 202 Health, Environment, and Development (3 cr.) **S & H**
- PHIL-P 393 Biomedical Ethics (3 cr.)
- POLS-Y 379 Ethics and Public Policy (3 cr.) **A & H**
- PSY-P 315 Developmental Psychology (3 cr.) **S & H**
- PSY-P 324 Abnormal Psychology (3 cr.) **S & H**
- REL-D 340 Religion and Bioethics (3 cr.) **A & H**
- SOC-S 101 Social Problems and Policies (Topic: Medicine in America: Physicians, Patients, and Their Problems) (3 cr.) **S & H**
- SOC-S 324 Mental Illness (3 cr.) **S & H**

### Human Reproduction and Sexuality

#### A. Life Sciences Perspectives Courses

- ANTH-B 400 Undergraduate Seminar (Topic: Hormones and Behavior) (3 cr.)
- BIOL-L 112 Introduction to Biology: Biological Mechanisms (3 cr.) **N & M**
- BIOL-L 311 Genetics (3 cr.)
- BIOL-L 317 Developmental Biology (3 cr.)
- BIOL-L 318 Evolution (3 cr.)
- BIOL-L 331 Introduction to Human Genetics (3 cr.)
- BIOL-L 340 Biological Basis of Sex Differences (3 cr.) **N & M**
- BIOL-M 416 Biology of AIDS (3 cr.)
- BIOL-Z 466 Endocrinology (3 cr.)
- PSY-P 204 Psychological and Biological Bases of Human Sexuality (3 cr.) **N & M** **Note:** Only one of

PSY-P 204 and HPER-F 255 may count toward a degree in human biology.

### Lecture/Laboratory Courses

- ANAT-A 215 Basic Human Anatomy (5 cr.) **N & M**
- ANAT-A 464 Human Tissue Biology (4 cr.)
- BIOL-L 319 Genetics Laboratory (3 cr.)
- BIOL-P 451 Integrative Human Physiology (4 cr.)
- BIOL-Z 318 Developmental Biology Laboratory (2 cr.)
- BIOL-Z 469 Endocrinology Laboratory (2 cr.)
- PHSL-P 215 Basic Human Physiology (4–5 cr.) **N & M**

## B. Historical, Social, Arts, and Humanities

### Perspectives Courses

- CJUS-P 412 Sex, Drugs, AIDS, and Criminal Law (3 cr.) **S & H**
- CJUS-P 423 Sexuality and the Law (3 cr.) **S & H**
- CMCL-C 412 Race, Gender, and Representation (3 cr.) **S & H, CSA**
- ENG-L 249 Representations of Gender and Sexuality (3 cr.) **A & H**
- ENG-L 389 Feminist Literary and Cultural Criticism (3 cr.) **A & H**
- GNDR-G 105 Sex, Gender, and the Body (3 cr.) **S & H**
- GNDR-G 235 Scientific Understandings of Sex and Gender (3 cr.) **S & H**
- GNDR-G 303 Knowledge and Sex (3 cr.) **S & H**
- GNDR-G 335 Explaining Sex/Gender Differences (3 cr.) **S & H**
- GNDR-G 399 Regulating Gender (3 cr.) **S & H**
- GNDR-G 430 Kinsey's Sexual Behavior in the Human Female (3 cr.) **S & H**
- GNDR-G 435 Health, Sex, and Gender (3 cr.) **S & H**
- HIST-A 300 Issues in United States History (Topic: American Sexual Histories) (3 cr.) **S & H**
- HIST-H 231 The Family in History (3 cr.) **S & H, TFR**
- HPER-F 255 Human Sexuality (3 cr.) **Note:** Only one of PSY-P 204 and HPER-F 255 may count toward a degree in human biology.
- SOC-S 321 Sexual Diversity (3 cr.) **S & H**
- SOC-S 338 Gender Roles (3 cr.) **S & H**
- SOC-S 413 Gender and Society (3 cr.) **S & H**
- SOC-S 422 Constructing Sexuality (3 cr.) **S & H**

### Human Environment and Ecology

#### A. Life Sciences Perspectives Courses

- BIOL-B 368 Ethnobotany (3 cr.) **N & M**
- BIOL-L 318 Evolution (3 cr.)
- BIOL-L 473 Ecology (3 cr.)
- GEOG-G 208 Human Environment Interactions (3 cr.) **N & M**
- GEOG-G 305 Environmental Change—Nature and Impact (3 cr.) **N & M**
- PHYS-P 310 Environmental Physics (3 cr.) **N & M**

### Lecture/Laboratory Courses

- BIOL-B 300 Vascular Plants (4 cr.) **N & M**
- BIOL-B 352 Fungi: Laboratory (2 cr.)



- BIOL-B 364 Summer Flowering Plants (4–5 cr.) **N & M**
- BIOL-L 376 Biology of Birds (4 cr.)
- BIOL-L 433 Tropical Biology (3 cr.)
- BIOL-L 465 Advanced Field Biology (3 cr.)
- BIOL-L 474 Field and Laboratory Ecology (2 cr.)
- BIOL-Z 375 Invertebrate Zoology Laboratory (2 cr.)
- BIOL-Z 406 Vertebrate Zoology (5 cr.)
- BIOL-Z 476 Biology of Fishes (3 cr.)
- GEOL-G 104 Evolution of the Earth (3 cr.) **N & M**
- GEOL-G 105 Earth: Our Habitable Planet (3 cr.) **N & M**
- GEOL-G 131 Oceans and Our Global Environment (3 cr.) **N & M**
- GEOL-G 171 Environmental Geology (3 cr.) **N & M**
- GEOL-G 188 Volcanoes of the Eastern Sierra Nevada (3 cr.) **N & M, TFR**
- GEOL-G 424 Geographic Information Systems Applications in Geology (3 cr.)

### **B. Historical, Social, Arts, and Humanities Perspectives Courses**

- ANTH-A 150 Freshman Seminar in Anthropology: Topics (3 cr.) **S & H**
- ANTH-E 101 Ecology and Society (3 cr.) **S & H**
- ANTH-E 327 Native Amazonians and the Environment (3 cr.) **S & H, CSA**
- ANTH-E 328 Ecological Anthropology (3 cr.) **S & H**
- ANTH-E 444 People and Protected Areas: Theories of Conservation (3 cr.) **S & H**
- CEUS-R 394 Environmental Problems and Social Constraints in Northern and Central Eurasia (3 cr.)
- CMCL-C 228 Argumentation and Public Advocacy (3 cr.) **A & H**
- CMCL-C 406 The Study of Public Advocacy (Topic: U.S. Environmental Movements) (3 cr.)
- ENG-L 240 Literature and Public Life (3 cr.) **A & H**
- FOLK-F 440 Folklife and Material Culture Studies (3 cr.) **A & H**
- GEOG-G 315 Environmental Conservation (3 cr.) **S & H**
- GEOG-G 320 Population Geography (3 cr.) **S & H**
- GEOG-G 411 Sustainable Development Systems (3 cr.) **S & H**
- GEOG-G 415 Advanced Urban Geography (3 cr.) **S & H**
- INTL-I 202 Health, Environment, and Development (3 cr.) **S & H**
- POLS-Y 313 Environmental Policy (3 cr.) **S & H**
- POLS-Y 379 Ethics and Public Policy (3 cr.) **A & H**
- REL-D 250 Religion, Ecology, and the Self (3 cr.) **A & H**
- REL-D 350 Religion, Ethics, and the Environment (3 cr.) **A & H**
- SOC-S 101 Social Problems and Policies (Topic: Envisioning the City) (3 cr.) **S & H**
- SOC-S 370 Research Methods in Sociology (3 cr.) **S & H**

### **Human Origins and Survival**

#### **A. Life Sciences Perspectives Courses**

- ANTH-B 350 Issues in Human Origins: Creation and Evolution (3 cr.)
- ANTH-B 370 Human Variation (3 cr.) **N & M**
- ANTH-B 464 Human Paleontology (3 cr.)
- ANTH-B 470 Human Adaptation: Biological Approaches (3 cr.) **N & M**
- ANTH-P 302 Invention and Technology (3 cr.)
- ANTH-P 380 Prehistoric Diet and Nutrition (3 cr.) **N & M**
- BIOL-L 111 Introduction to Biology: Evolution and Diversity (3 cr.) **N & M**
- BIOL-L 311 Genetics (3 cr.)
- BIOL-L 318 Evolution (3 cr.)
- COGS-Q 240 Philosophical Foundations of the Cognitive and Information Sciences (4 cr.) **A & H**
- COGS-Q 301 Brain and Cognition (3 cr.) **N & M**
- GEOG-G 208 Human Environment Interactions (3 cr.) **N & M**
- INFO-I 400 Topics in informatics (Topic: Seek and Find: Search Strategies in Space and Time) (3 cr.)
- MSCI-M 470 Mechanism of Human Disease (1–6 cr.)
- PSY-P 201 An Introduction to Neuroscience (3 cr.) **N & M**
- PSY-P 325 Psychology of Learning (3 cr.) **N & M**
- PSY-P 326 Behavioral Neuroscience (3 cr.)
- PSY-P 335 Cognitive Psychology (3 cr.) **N & M**
- PSY-P 410 Development of the Brain and Behavior (3 cr.)
- PSY-P 416 Evolution and Ecology of Learning (3 cr.)
- PSY-P 423 Human Neuropsychology (3 cr.)
- PSY-P 438 Language and Cognition (3 cr.) **N & M**
- PSY-P 444 Developmental Psychobiology (3 cr.)
- PSY-P 466 Molecular and Cellular Neurobiology (3 cr.) **N & M**
- SPHS-S 201 Speech and Hearing Physiology (3 cr.) **N & M**
- SPHS-S 333 Childhood Language (3 cr.) **N & M**

#### **Lecture/Laboratory Courses**

- ANAT-A 215 Basic Human Anatomy (5 cr.) **N & M**
- ANTH-B 301 Laboratory in Bioanthropology (3 cr.) **N & M**
- ANTH-P 385 Paleolithic Technology Laboratory (3 cr.) **N & M**
- BIOL-L 319 Genetics Laboratory (3 cr.)
- BIOL-P 451 Integrative Human Physiology (4 cr.)
- PHSL-P 215 Basic Human Physiology (4–5 cr.) **N & M**

### **B. Historical, Social, Arts, and Humanities Perspectives Courses**

- ANTH-A 303 Evolution and Prehistory (3 cr.) **S & H**
- ANTH-E 210 Rethinking Race Globally (3 cr.) **S & H**
- ANTH-E 260 Culture, Health, and Illness (3 cr.) **S & H, CSA**
- ANTH-E 427 Human Adaptation: Cultural Approaches (3 cr.) **S & H**
- ANTH-L 200 Language and Culture (3 cr.) **S & H**

- ANTH-L 407 Language and Prehistory (3 cr.) **S & H**
- ANTH-P 200 Introduction to Archaeology (3 cr.) **S & H**
- ANTH-P 210 Life in the Stone Age (3 cr.) **S & H**
- ANTH-P 220 The Rise and Fall of Ancient Civilizations (3 cr.) **S & H**
- FOLK-F 215 Health and Morbidity in Traditional Cultures (3 cr.) **S & H**
- HIST-B 300 Issues in Western European History (Topic: The Industrial Revolution) (3 cr.) **S & H**
- HIST-H 205 Ancient Civilization (3 cr.) **S & H, CSA**
- HIST-H 333 Epidemics in History (3 cr.) **S & H**
- HPSC-X 102 Revolutions in Science: Plato to NATO (3 cr.) **S & H**
- HPSC-X 200 Scientific Reasoning (3 cr.) **N & M**
- HPSC-X 320 Topics in Science: Humanistic (Topic: Scientific Concepts of Culture) (3 cr.) **A & H**
- LING-L 210 Topics in Language and Society (3 cr.) **S & H**
- LING-L 430 Language Change and Variation (3 cr.) **S & H**
- PHIL-P 320 Philosophy and Language (3 cr.) **A & H**
- PSY-P 315 Developmental Psychology (3 cr.) **S & H**

### Human Growth and Development

#### A. Life Sciences Perspectives Courses

- ANTH-B 370 Human Variation (3 cr.) **N & M**
- ANTH-B 480 Human Growth and Development (3 cr.)
- PSY-P 315 Developmental Psychology (3 cr.) **S & H**
- PSY-P 410 Development of the Brain and Behavior (3 cr.)
- PSY-P 425 Behavior Disorders of Childhood and Adolescence (3 cr.)
- PSY-P 442 Infant Development (3 cr.)
- PSY-P 443 Cognitive Development (3 cr.)
- PSY-P 444 Developmental Psychobiology (3 cr.)
- SPHS-S 333 Childhood Language (3 cr.) **N & M**
- SPHS-S 436 Language Disorders in Children (3 cr.)

#### Lecture/Laboratory Courses

- ANAT-A 215 Basic Human Anatomy (5 cr.) **N & M**
- ANTH-B 301 Laboratory in Bioanthropology (3 cr.) **N & M**
- ANTH-B 405 Fieldwork in Bioanthropology (cr. arr.)
- BIOL-L 113 Biology Laboratory (3 cr.) **N & M**
- BIOL-L 319 Genetics Laboratory (3 cr.)
- BIOL-L 324 Human Molecular Biology Laboratory (3 cr.)
- BIOL-Z 318 Developmental Biology Laboratory (2 cr.)
- PHSL-P 215 Basic Human Physiology (5 cr.) **N & M**
- PSY-P 426 Laboratory in Behavioral Neuroscience (3 cr.)
- PSY-P 429 Laboratory in Developmental Psychology (3 cr.)
- PSY-P 433 Laboratory in Neuroimaging Methods (3 cr.)
- PSY-P 435 Laboratory in Human Learning and Cognition (3 cr.)

### B. Historical, Social, Arts, and Humanities Perspectives Courses

- CJUS-P 414 Adolescents and the Law (3 cr.) **S & H**
- CJUS-P 462 Child Abuse and Neglect (3 cr.) **S & H**
- ENG-L 390 Children's Literature (3 cr.) **A & H**
- ENG-L 391 Literature for Young Adults (3 cr.) **A & H**
- FOLK-F 364 Children's Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- GNDR-G 335 Explaining Sex/Gender Differences (3 cr.) **S & H**
- HIST-H 231 The Family in History (3 cr.) **S & H, TFR**
- HPSC-X 308 History of Biology (3 cr.) **A & H**
- POLS-Y 315 Political Psychology and Socialization (3 cr.) **S & H**
- SOC-S 316 The Family (3 cr.) **S & H**
- SOC-S 344 Sociology of Childhood (3 cr.) **S & H**
- SOC-S 435 Social Psychology of the Self (3 cr.) **S & H**
- SOC-S 438 Childhood Socialization (3 cr.) **S & H**
- TEL-T 317 Children and Media (3 cr.) **S & H**

### Course Descriptions

#### HUBI-B 200 The Intricate Human (4 cr.) **N & M**

Interdisciplinary study of the human organism including genetics, metabolism and other aspects of physiology, behavior, culture, and environmental context. Case-based approaches to specific content will reflect faculty expertise, student interests, and current issues in human biology. Emphasis is placed on developing scientific literacy and implementing the scientific method. Credit given for only one of B200 or B101.

#### HUBI-B 300 Human Dilemmas (4 cr.) **N & M P: B200 or B101.**

Social and ethical consideration of the human condition and of the construction of scientific knowledge through case-based investigation of biological processes that integrates multiple disciplinary perspectives. Emphasis is placed on logical interpretation of data and on effective communication of evidence and claims. Specific content will reflect faculty expertise. Credit given for only one of B300 or B201.

#### HUBI-B 400 Complex Problems of Humanity (3 cr.)

**P: B300 or B201. N & M** Capstone experience focusing on the interface of science and society. Students critically analyze real-world contemporary challenges that impact the human condition. Topics vary based on faculty expertise and student interest. Emphasis is on student research or service learning, communicating science, peer review, and making scientifically-informed arguments. Credit given for only one of B400 or B401.

#### HUBI-B 460 Peer Instruction in Human Biology (3 cr.)

**P: Consent of Human Biology Program Director.** Supervised teaching and mentoring experience in undergraduate Human Biology courses.

#### HUBI-B 480 Human Biology E-portfolio Capstone (1 cr.)

In this capstone course, students will create an electronic portfolio to document and reflect on their academic course work and extracurricular activities and relate their work to their future studies or careers. Open to senior students who have applied for the Certificate in Human Biology.

**HUBI-B 490 Undergraduate Research in Human Biology (1-12 cr.)** P: Minimum overall GPA of 2.500, and written permission of supervising faculty member. Introduction to research methods and scientific investigation in a student's area of concentration. A student is required to complete a written assignment as evidence of each semester's work, and to present an oral report if approved for more than 3 hours of credit.

## India Studies

### Introduction

The India Studies Program (INST) seeks to provide for the interdisciplinary study and critical analysis of the cultures and civilizations that have developed on the Indian subcontinent from ancient times to the present. The primary focus of the program is on present-day or modern India, but in order to understand modern India, it is important to have some basic knowledge about the great periods in the history of India that have shaped modern Indian social reality. This approach requires a sophisticated understanding of the country's highly developed arts, music, literature, drama, philosophy, religions, and social and political structures. In addition to providing an overall, comprehensive education about Indian civilizations, the program allows for more specialized work in (a) literary and performance studies, (b) philosophical and religious studies, and (c) social, political, and historical studies. The India Studies Program also offers beginning and intermediate-level courses in several Indian languages. All students in the program are encouraged to take language classes, as well as to consider study abroad in India.

### Contact Information

India Studies Program  
Indiana University  
825 East Eighth Street  
Bloomington, IN 47408-3842

(812) 855-5798

[india@indiana.edu](mailto:india@indiana.edu)

<http://www.indiana.edu/~isp>

## Faculty

### Director and Rabindranath Tagore Professor of Indian Cultures and Civilizations

- Sumit Ganguly

### College Professor

- Henry Glassie (Folklore and Ethnomusicology)

### Professors

- Jamsheed Choksy (Central Eurasian Studies)
- J. Clancy Clements (Spanish and Portuguese, Linguistics)
- Sumit Ganguly (India Studies, Political Science)
- David L. Haberman (Religious Studies)
- John Walbridge (Near Eastern Languages and Cultures)
- Andrea Wiley (Anthropology)

### Associate Professors

- Michael Dodson (History)

- Paul Losensky (Central Eurasian Studies, Comparative Literature)
- Rebecca Manring (India Studies, Religious Studies)
- Radhika Parameswaran (Journalism)
- Steven Raymer (Journalism)
- Susan Seizer (Communication and Culture)
- Pravina Shukla (Folklore and Ethnomusicology)
- Rakesh H. Solomon (Theatre and Drama)
- Elliot Sperling (Central Eurasian Studies)
- Arvind Verma (Criminal Justice)

### Assistant Professors

- Rubiana Chamargwala (Economics)
- Pedro Machado (History)
- Richard Nance (Religious Studies)
- Ron Sela (Central Eurasian Studies)

### Senior Lecturer and Language Coordinator for Hindi, Urdu, and Bengali

- Sungok Hong (India Studies)

### Academic Advising

- Arnell Hammond, Memorial Hall E M 21, (812) 855-6270

## Major in India Studies

### Purpose

The India studies major is designed primarily for undergraduate students in the College of Arts and Sciences at the Bloomington campus. The major may also be of interest to students in the various professional schools. The program offers regular work in beginning, intermediate, and advanced modern standard Hindi and classical Sanskrit. Students interested in instruction in other South Asian languages should consult the India Studies Program director. The India Studies Program, together with cognate programs in Central Asian, West Asian, and East Asian studies, also makes possible advanced work in Buddhist studies and Islamic studies with a focus on India.

### Required Courses

1. Students pursuing a major in India Studies must complete a second major (B.A.) in a department of the College of Arts and Sciences. (Students completing a simultaneous second degree program in the College or through another school should check with the advisor for details.)
2. Two semesters (a minimum of 10 credit hours) of modern standard Hindi, classical Sanskrit, or an appropriate substitute—Arabic, Persian, Tibetan, a sequence of courses in Indo-Anglian literature or a semester/year course of study in India—all of which must be approved in advance by the director of the India Studies Program and must fulfill the 10 credit hour language requirement.
3. A minimum of 15 credit hours of India studies courses, including the following:
  - I310
  - at least one course at the 300 level from the Literary and Performance Studies group
  - at least one course at the 300 level from the Philosophical and Religious Studies group

- at least one course at the 300 level from the Social, Political, and Historical Studies group
- one additional course at the 300 level chosen from any one of the three groups

4. One course (3 credit hours) at the 400 level in India studies.

See the India Studies Advising Office, 825 E. Eighth Street, for a listing of courses in each group.

Students must also complete the degree requirements of the College of Arts and Sciences.

**Note:** With the approval of both departments and the College, one course may be cross-listed in both majors. A minimum of 25 College of Arts and Sciences credit hours must be taken in each major subject area.

## Certificate in India Studies

### Required Courses

The undergraduate Certificate in India Studies requires 24 credit hours, including the following:

1. I310 An Introduction to India (the core course for India studies);
2. Two courses each from the three areas of specialized work in India studies (i.e., two courses from the Literary and Performance Studies group, two courses from the Philosophical and Religious Studies group, and two courses from the Social, Political, and Historical Studies group);
3. The remainder of the units will come from interdisciplinary electives in any of the areas of specialization.

See the India Studies Advising Office, 825 E. Eighth Street, for a listing of courses in each area of specialization.

Of the total 24 credit hours, at least 15 credit hours must be taken from courses at the 300 level or above.

It should be noted that, under certain circumstances, other courses that include some aspect of the study of India may, by special arrangement and with the permission of the director of the India Studies Program, be counted toward the certificate program. The first two years of language instruction in Hindi or Sanskrit, however, do not count toward completion of the certificate.

Only four courses from a student's major may be double-counted toward the Certificate in India Studies.

The India Studies Program encourages work in elementary, intermediate, and advanced Hindi and Sanskrit. All students in the certificate program are strongly urged to study either Hindi or Sanskrit (and preferably both) and to begin the study of the languages at the earliest possible opportunity. Students in the program should also consider the possibility of studying in India and should consult about this possibility with the Office of Overseas Study, Franklin Hall 303, (812) 855-9304 ([www.indiana.edu/~overseas](http://www.indiana.edu/~overseas)). India also has a rich English-medium cultural tradition (in such areas as Indo-British literature, drama, and Third World studies, among others), so students may choose to focus their work on these English language traditions.

## Minor in India Studies

### Required Courses

15 credit hours, chosen in consultation with the director, including:

1. I310.
2. At least one course from the Literary and Performance Studies group.
3. At least one course from the Philosophical and Religious Studies group.
4. At least one course from the Social, Political, and Historical Studies group.
5. At least 9 credit hours at the 300 level or above.

Only two courses from a student's major may be counted toward the India Studies minor.

All students in the minor program are strongly urged to study either Hindi or Sanskrit (and preferably both) and to begin the study of the languages at the earliest possible opportunity. The first two years of language instruction in Hindi and Sanskrit, however, do not count toward completion of the minor. India also has a rich English-medium cultural tradition (in such areas as Indo-British literature, drama, and Third World studies, among others), so students may choose to focus their work on these English language traditions.

## Overseas Study

Students in the program should also consider the possibility of studying in India and should consult with the director about opportunities, and with the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Course Descriptions

**INST-B 100 Introductory Bengali I (5 cr.)** Basic sound patterns and writing system with ideas about grammar. Ideas about simple sentence structure and basic grammar leading to reading and construction of short sentences. Learning essential vocabulary for everyday conversation. Practicing different expressions: apology, greeting, etc. Classroom use of films, tapes, short conversation, stories, etc.

**INST-B 150 Introductory Bengali II (5 cr.)** P: B100 or equivalent proficiency. Exercises in basic grammar and sentence structure. Emphasis on learning new words, composing short dialogues, and using them in everyday conversation by developing basic reading skills and understanding main ideas from texts.

**INST-B 200 Intermediate Bengali I (3 cr.)** P: B150 or equivalent proficiency. Focuses on listening, speaking, reading, and writing. Special emphasis given to communicative approach to language learning.

**INST-B 250 Intermediate Bengali II (3 cr.)** P: B200 or equivalent proficiency. Focus given to listening, speaking, reading, and writing. Emphasis given to communicative approach to language learning.

**INST-H 100 Beginning Hindi I (5 cr.)** Introduction to the Hindi language, the writing system and basic grammar. Graded exercises and readings leading to mastery of grammatical structures and essential vocabulary. Development of reading and writing competence and simple conversations based on personal information,

courtesy expressions, greetings in contemporary Hindi. Classroom use of stories, tapes, films and songs.

**INST–H 150 Beginning Hindi II (5 cr.)** P: H100 or equivalent proficiency. Continuation of the first semester. Graded exercises and reading for mastery of grammatical structures and essential vocabulary. Composing short dialogues on everyday survival topics. Improve reading skill to understand main ideas from the simplest connected texts. Writing competence is increased to be able to write letters and journals, etc.

**INST–H 200 Second-Year Hindi I (3 cr.)** P: H150 or equivalent proficiency. Reading mythology, folklore, modern short stories, essays and poetry, including several examples from Hindi literature. Students compose and perform dialogues based on the material read and the usage of role playing cards.

**INST–H 250 Second-Year Hindi II (3 cr.)** P: H200 or equivalent proficiency. Promotes rapid reading skills and vocabulary building. Study of grammar is based on Hindi reading material and includes regular grammar drills. Students sharpen composition skills by retelling stories and making brief synopsis from the reading material orally and in writing. Increase speaking skill to narrate and describe with short connected discourse.

**INST–I 211 Introduction to South Asian History (3 cr.)** S & H, CSA South Asia today encompasses India, Pakistan, Bangladesh, Afghanistan, Nepal, Bhutan, and Sri Lanka. Introduction to some of the principal historical themes and cultural features of this diverse region from the Neolithic era to the present day.

**INST–I 212 The Civilization of Tibet (3 cr.)** S & H, CSA Introduction to the diverse aspects of Tibetan civilization. Topics include Tibet's literature, art, religion, society, history, and language.

**INST–I 303 Issues in Indian Culture and Society (3 cr.)** Examination of the culture and society of India through the study and analysis of a specific issue or theme. Topic varies. May be repeated with a different topic for a maximum of 6 credit hours.

**INST–I 305 Exploring Indian Languages and Literature through Film (3 cr.)** A & H, CSA Explores the languages of India from genealogical, linguistic, typological, historical, and sociological perspectives. Provides an overview of literatures of several main South Asian languages with a focus on Hindi and Urdu literatures. No previous knowledge of Hindi or Urdu is required.

**INST–I 310 An Introduction to India (3 cr.)** A & H, CSA Geared toward those majoring in India Studies and those with an interest in India. Designed to familiarize students with the art, culture, religion, history, economics, politics, media, and contemporary issues of India.

**INST–I 320 Contemporary India: History, Politics, and Society (3 cr.)** S & H, CSA Critical survey of social, economic, and political trends in modern India (1947–present), primarily through the study of relevant novels. Lectures and readings provide students with knowledge of modern Indian history and politics, caste and class relations, the evolution of India's political institutions since independence, and current debates in Indian society.

**INST–I 347 Meditation Traditions of India (3 cr.)** A & H, CSA Survey and analysis of the practice of meditation in Hindu, Buddhist and Jain traditions of India. Focus on the philosophical and structural basis of meditation and the relation of meditation to the monastic traditions of India. The role of the holy person and the importance of the guru-student relationship.

**INST–I 362 International Relations of South Asia (3 cr.)** S & H Focuses on terrorism, nuclear proliferation, inter-state war and ethnic conflict in South Asia as these issues relate to American foreign and security policy.

**INST–I 368 Philosophies of India (3 cr.)** A & H, CSA Historical and critical-analytic survey of the major intellectual traditions of the cultures and civilizations of India. Attention to early philosophizing and the emergence of the classical schools in Hindu, Buddhist, and Jain traditions. Attention also to contemporary thought in India, including critical theory and subaltern theorizing. Credit given for only one of INST-I 368, PHIL-P 328, or REL-R 368.

**INST–I 370 Literature of India in Translation: Ancient and Classical (3 cr.)** A & H, CSA Survey of the ancient and classical Sanskrit literature of India in translation, presented in cultural context.

**INST–I 371 Medieval Devotional Literatures of India (in Translation) (3 cr.)** A & H, CSA Survey of medieval Indian devotional literatures with reference to the various cultural milieus in which they were produced and their impact on and importance for contemporary Indian cultures.

**INST–I 380 Women in South Asian Religious Traditions (3 cr.)** A & H, CSA A historical view of the officially sanctioned roles for women in several religious traditions in South Asia, and women's efforts to become agents and participants in the religious expressions of their own lives.

**INST–I 402 Introduction to the History of Tibet (3 cr.)** S & H, CSA Surveys Tibet's history from its earliest period through the present, including the Tibetan empire of the seventh through ninth centuries, the impact of Buddhism on political and social structures, Tibet's relations with neighboring peoples, the development of the Dalai Lama's government, and the current issues of Tibet.

**INST–I 412 Criminal Justice in India (3 cr.)** Presents an overview of the Indian criminal justice system, issues related to crime, and its control mechanism in the country. Topics include Indian history, system of government, constitution, court system, police, corrections, and the phenomenon of crime.

**INST–I 414 India: Lost and Found in Translation (3 cr.)** An ethnographic approach to international fictional films produced in recent decades that treat both the political/public and domestic/private spheres of Indian life as sites that invite cultural critique and debate over the success of India as a modern and modernizing nation.

**INST–I 496 Individual Readings in Indic Studies (1-6 cr.)** P: Reading knowledge of Sanskrit and Hindi. Selected substantive topics investigated from ancient, medieval, and modern texts about the civilization of India.

May be repeated with different topics for a maximum of 6 credit hours.

#### **INST–L 100 Elementary Indian Languages I (5 cr.)**

Language instruction in the specific Indian language named in the online *Schedule of Classes*. Various languages will be offered when available. May be retaken for credit, but only in a language different from that of the first enrollment.

#### **INST–L 150 Elementary Indian Languages II (5 cr.)**

P: L100 or equivalent proficiency in the same language. Various languages will be offered when available. May be retaken for credit, but only in a language different from that of the first enrollment.

#### **INST–L 200 Intermediate Indian Languages I (3 cr.)**

P: L150 or equivalent in the same language. Language instruction in the specific Indian language named in the *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a language different from that of the first enrollment.

#### **INST–L 250 Intermediate Indian Languages II (3 cr.)**

P: L200 or equivalent in the same language. Language instruction in the specific Indian language named in the *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a language different from that of the first enrollment.

**INST–S 100 Elementary Sanskrit I (5 cr.)** Introduction to Sanskrit, a classical language of ancient India. Students master the script and begin to learn grammar as they read simple material and gain vocabulary. Credit given for only one of S100 or I339.

**INST–S 150 Elementary Sanskrit II (5 cr.)** P: S100 or I339. Continues the work begun in S100. Students acquire grammar needed to read authentic texts, with attention to reading increasingly difficult materials. Credit given for only one of S150 or I340.

**INST–S 200 Intermediate Sanskrit I (4 cr.)** P: S150 or I340 or permission of instructor. Comprehensive review of Sanskrit grammar followed by the reading of epic Sanskrit. Texts allow students to explore issues of syntax and changes in the language over time. Credit given for only one of S200 or I349.

**INST–S 250 Intermediate Sanskrit II (4 cr.)** P: S200 or I349 or permission of instructor. Development of reading skills with a broadening range of materials, including Vedic Sanskrit. Credit given for only one of S250 or I350.

**INST–U 100 Beginning Urdu I (5 cr.)** Introduction to the Urdu language and basic grammar. Graded exercises and readings leading to mastery of grammatical structures and essential vocabulary. Simple conversations based on personal information, courtesy expressions, and greetings in contemporary Urdu. Classroom use of stories, tapes, films and songs.

**INST–U 150 Beginning Urdu II (5 cr.)** P: U100 or equivalent proficiency. Continuation of the first semester. The writing system of Urdu and development of reading and writing. Graded exercises and reading for mastery of grammatical structures and essential vocabulary. Composing short dialogues on everyday survival topics.

**INST–U 200 Second-Year Urdu I (3 cr.)** P: U150 or equivalent proficiency. Urdu short stories, essays, poetry (gazals), dramas, newspapers and magazine articles, etc. will be utilized for reading. Initiate basic communicative tasks related to daily activities and various situations.

**INST–U 250 Second-Year Urdu II (3 cr.)** P: U200 or equivalent proficiency. Promotes rapid reading skills and vocabulary building. Study of grammar is based on Urdu reading material and includes regular grammar drills. Students sharpen composition skills by retelling stories from the reading material orally and in writing. Increase speaking skill to initiate, sustain, and close a general conversation on a range of topics.

## **Cross-Listed Courses**

### **Central Eurasian Studies**

- R371 Tibet and the West (3 cr.) **S & H, CSA**

### **Communication and Culture**

- C413 Global Villages (3 cr.) **S & H**

### **English**

- L383 Studies in British or Commonwealth Culture (3 cr.) **A & H** (with appropriate focus approved by director)

### **History**

- J300 Seminar in History (3 cr.) **S & H** (with appropriate focus approved by director)

### **Religious Studies**

- R153 Religions of Asia (3 cr.) **A & H, CSA**
- B210 Introduction to Buddhism (3 cr.) **A & H, CSA, TFR**
- B220 Introduction to Hinduism (3 cr.) **A & H, CSA**
- B335 Mandir (temple) and Masjid (mosque) at the Movies (3 cr.) **A & H, CSA**

### **Theatre and Drama**

- T468 Non-Western Theatre and Drama (3 cr.) **A & H, CSA** (with appropriate focus approved by director)

By special arrangement and with the permission of the director, courses not listed above that substantially address India Studies may be included in the minor.

## **Individualized Major Program**

### **Introduction**

The Individualized Major Program (IMP) is an interdisciplinary program resulting in a B.A. from the College of Arts and Sciences. The IMP facilitates the creation of student-designed interdisciplinary majors whose primary emphasis is in the liberal arts. The IMP allows students with interests that cross traditional departmental and disciplinary boundaries to combine those interests in coherent and meaningful ways, building upon—and using in new ways—the resources available in the College, and bringing in expertise from the professional schools as needed.

Students develop majors in consultation with faculty sponsors and propose them to committees of three faculty

members selected from the IMP's Faculty Committee (IMPFC). The IMPFC is responsible for ensuring that individualized majors are distinct from fields of study available in existing degrees and majors and that they conform to College and university standards of breadth, depth, and rigor. Approved majors normally combine courses from two or more College departments, and, as needed, from the professional schools, with independent and self-directed work. In addition to granting admission to the program, faculty committees work with sponsors to monitor students' progress, evaluate theses or projects, and administer final oral reviews. Students in the IMP must fulfill the College requirements for the B.A. degree.

Students are eligible to apply for admission to the IMP after completing one IU semester with a GPA of 2.500 or higher, but they cannot be accepted to the IMP until they have been admitted to the College. Formal requirements for admission are otherwise the same as those for the College. Students who do not meet the GPA requirement, but who feel that their past grades do not accurately reflect their potential for success in the IMP, may request permission from the IMP director to go through the application process. Such permission allows the applicant, like other applicants, to present his or her case to an admission committee, but does not, of course, guarantee that the student will be accepted into the IMP. Students of any class standing or level of interest in the IMP are encouraged to meet with the Assistant Director and may arrange a meeting by calling (812) 855-9588 or e-mailing [imp@indiana.edu](mailto:imp@indiana.edu).

IMP students are eligible to take a second major in another department if the course credit is separate and distinct from the IMP concentration. Students in the IMP may graduate with honors if their GPA meets College honors standards and if their project work is deemed of honors quality by the IMP review committee.

### Contact Information

Individualized Major Program  
Indiana University  
129 Ballantine Hall  
Bloomington, IN 47405

(812) 855-9588  
[imp@indiana.edu](mailto:imp@indiana.edu)

[www.indiana.edu/~imp](http://www.indiana.edu/~imp)

## Faculty

### Director

- Professor John McDowell (Folklore and Ethnomusicology)

### Assistant Director

- Paul Aarstad, Ballantine Hall 129, (812) 855-9588, [imp@indiana.edu](mailto:imp@indiana.edu)

## Course Descriptions

**IMP-I 360 Individualized Major Program, Readings and Research (regular grading) (1-3 cr.)** P: Candidate for Individualized Major Program.

**IMP-I 450 Individualized Major Program, Readings and Research (S/F grading) (arr. cr.)** P: Admission to Individualized Major Program.

**IMP-I 460 Individualized Major Program, Readings and Research (regular grading) (arr. cr.)** P: Admission to Individualized Major Program.

**IMP-I 470 Individualized Major Program Senior Capstone Seminar (2 cr.)** P: Admission to Individualized Major Program. Through presentations and discussion, students prepare final projects for oral review with faculty committees. Students refine retrospective statements through peer-editing and conferences with instructor. Recommended for all IMP seniors.

## International Studies Program

### Introduction

The major in international studies (INTL) provides an intellectual foundation that enables students to communicate, collaborate, and work across national, cultural, linguistic, and socioeconomic boundaries. It fosters competencies that students need in order to function successfully in a global environment and involves foreign language study as well as overseas experience.

The major is broadly constructed to allow flexibility as well as depth. Students explore the major by taking three introductory courses chosen from the following thematic areas: Culture and the Arts; Global Health and Environment; Global Integration and Development; Human Rights and Social Movements; International Communication; and Nations, States, and Boundaries. They also are required to focus on one thematic area by taking three additional courses in that area.

Students must choose a regional concentration area with the approval of the international studies advisor in consultation with the director of the program. This area can be perceived in one of two ways (students must select one):

1. An area defined geographically (either broadly defined, such as the Pacific Rim, or with a concentrated focus, such as Egypt or Germany); **or**
2. An area defined linguistically, religiously and/or ethnically (such as the Jewish diaspora) outside the United States.

Normally, the regional concentration chosen should relate to the student's language study.

### Contact Information

International Studies Program  
Indiana University  
Woodburn Hall 300  
Bloomington, IN 47405

(812) 856-1816

[intl@indiana.edu](mailto:intl@indiana.edu)

[www.indiana.edu/~intlweb](http://www.indiana.edu/~intlweb)

## Faculty

### Director

- Professor Daniel Knudsen

**Associate Director**

- Dr. Olga Kalentzidou

**Academic Advising**

- Tracy Bee, Woodburn Hall 335, (812) 856-1816

**Major in International Studies****Required Courses**

Students must complete a minimum of 35 credit hours including the following:

1. Three courses chosen from I100, I201–I206; one of the three must introduce the chosen thematic concentration.
2. Three courses (at least 9 credit hours) at the 300–400 level from a single thematic concentration.
3. Three courses (at least 9 credit hours) at the 300–400 level from a regional concentration area.
4. Foreign language proficiency beyond the College's general requirement for B.A. degrees. Students may pursue the study of a single foreign language through six semesters; they may study one foreign language through four semesters and study a second foreign language through two semesters; or they may study one foreign language through four semesters, study the first semester of a second foreign language, and study the first semester of a third foreign language. Non–native speakers of English may petition the International Studies Program for exemption from third-year language study. See advisor for details about procedure and necessary documentation.
5. An overseas/international experience approved in advance by the director of the program.
6. I315 (3 cr.).
7. I400 or I406 (3 cr.).
8. ASCS-Q 299 Job and Internship Strategies for Liberal Arts Students (2 cr.), or an equivalent course approved by the advisor.

**Note:** Students may need at least 41 credit hours to complete the requirements listed above, including foreign language proficiencies, and may need more than 41 credit hours to complete the overseas/international experience requirement.

Students must complete the degree requirements of the College of Arts and Sciences.

**Minor in International Studies**

Students should develop their minor in consultation with the International Studies Program academic advisor and their departmental advisors in their majors.

**Required Courses**

The minor comprises at least 15 credit hours of College of Arts and Sciences course work including the following:

1. I100 (3 cr.).
2. Two introductory level International Studies courses from the following thematic concentrations (6 credit hours):
  - Culture and the Arts
  - Global Health and Environment
  - Global Integration and Development
  - Human Rights and Social Movements
  - International Communication

- Nations, States, and Boundaries

3. Students must choose one thematic concentration in which they wish to focus and must take the international studies introductory-level course for that particular thematic concentration. Additionally, students must take a minimum of two elective courses (6 credit hours) from the thematic concentration that they chose. These elective courses must be at the 300–400 level.

4. If students choose course work outside the College in partial fulfillment of their concentrations, they will need to take additional College of Arts and Sciences course work in the concentration to bring the minimum total of College of Arts and Sciences hours in the minor to 15.

**Honors Track****Requirements**

Outstanding students majoring in international studies who are interested in departmental honors should submit an application form to the program director no later than the second semester of the junior year. To be eligible for the honors track, a student must first complete 15 credit hours in the international studies major.

The student must have and maintain a grade point average of at least 3.500 in the major and 3.300 overall. Before submitting the application, the student should identify a tentative thesis topic and also identify an honors thesis director, who will advise the student during research and writing. The director of the International Studies Program will provide guidance with this process, if needed. While taking required course work, students will research and write an honors thesis or produce an in-depth creative project that integrates the student's thematic and regional concentration course work and international experience in either a substantive original paper or performance, as appropriate. The thesis or project must be defended before an International Studies honors committee and must receive a grade of A– or higher.

In summary, students must

- maintain a 3.500 GPA in International Studies Program course work
- maintain a 3.300 GPA overall
- complete all requirements for the major and degree
- apply for departmental honors no later than the second semester of the junior year
- take I405 and I406 sequentially
- research, write, and defend an honors thesis or complete an in-depth creative project which earns an A– or higher

**Overseas Study**

Students who major in international studies are required to have international experience to graduate. The typical way to fulfill this requirement is to study abroad. Indiana University overseas study programs allow International Studies Program students to make progress toward their degrees and apply financial aid to program fees.

For information about study abroad, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304 ([www.indiana.edu/~overseas](http://www.indiana.edu/~overseas)).



## Course Descriptions

### **INTL–I 100 Introduction to International Studies (3 cr.)**

**S & H** This introductory, interdisciplinary core course exposes students to the various academic approaches essential to international studies and to the various tracks that comprise the major.

### **INTL–I 115 Exploring International Studies (3 cr.)**

Offered in conjunction with the “International Studies Summer Institute,” this course examines a wide range of international issues including global environmental change, international economics, populations-at-risk, and conflict resolution through the overall theme of globalization. The objective is to develop critical skills through analysis of current international issues.

### **INTL–I 201 Culture and the Arts: International Perspectives (3 cr.)**

**A & H** Introduction to approaches and issues in the study of culture and the arts internationally. Central to the course is the theoretical concept of the arts as forms of cultural expression, representation, and transformation.

### **INTL–I 202 Health, Environment, and Development (3 cr.)**

**S & H** Introduces students to pressing environmental and health changes around the world, such as deforestation, global climate change, HIV/AIDS, and the resurgence of tuberculosis. Focuses on problems that are interrelated with each other and with economic development, that cross national borders in their causes or impacts, and that require a multinational or global effort to solve.

### **INTL–I 203 Global Integration and Development (3 cr.)**

**S & H** Focuses on the interaction between social, political, and economic forces and human development conditions at global, national, and subnational scales; introduces major theoretical perspectives on the structure, function, and governance of markets, as well as a substantial part of the literature on economic development.

### **INTL–I 204 Human Rights and Social Movements: International Perspectives (3 cr.)**

**S & H** Introduction to basic issues relating to human rights and social movements, emphasizing the differing ways that these topics are addressed in various disciplines and thought about within various global cultures.

### **INTL–I 205 International Communication (3 cr.)**

**S & H** Examination of global communication as a process governed by culture-specific and institution-specific rules. Semiotic aspects of communication are covered as well as nation and state mediation in mass communication (including the setting of policy on language and arts) and the role played by intent, power, gender, and politics in inter-ethnic and intra-ethnic interaction.

### **INTL–I 206 Nations, States, and Boundaries (3 cr.)**

**S & H** Introduction to the development of the modern state and notions of nationalism that shape the world’s political identities, dominate international relations, and also define stateless people’s positions, as well as the role of international institutions in mediating and regulating relations among the states.

**INTL–I 300 Topics in International Studies (3 cr.)** This course focuses on the intensive study and analysis of selected international problems and issues within an

interdisciplinary format. Topics will vary but will cut across fields, regions, and periods. Course may be repeated once with a different topic for a maximum of 6 credit hours.

### **INTL–I 315 Methods in International Studies (3 cr.)**

Introduction to quantitative and qualitative methods used in research in international studies.

### **INTL–I 325 International Issues through Foreign Languages (1 cr.)**

This seminar will examine an international issue through a foreign perspective. Course readings and discussions will be conducted in a foreign language at an advanced level. The seminar’s objective is to expose participants to global problems utilizing non-U.S. sources.

### **INTL–I 400 International Studies Capstone Seminar (3 cr.)**

This required seminar is designed for majors who have completed all of the program requirements to consolidate their studies. Students complete a project that addresses an issue appropriate to their track.

### **INTL–I 405 Honors Individual Readings in International Studies (3 cr.)**

**P:** Application and approval of program director. Students pursuing departmental honors conduct research in preparation for their honors capstone seminar. May not be repeated for credit.

### **INTL–I 406 Honors International Studies Capstone Seminar (3 cr.)**

**P:** I405 and permission of department. Required for departmental honors credit, this seminar is designed to consolidate the studies of honors-track majors who have completed all program requirements. Students must complete a project that addresses an issue appropriate to their track.

### **INTL–I 415 Individual Readings in International Studies (1–3 cr.)**

**P:** Major or minor in International Studies and permission of department. Students conduct individual research projects on an international issue under the direction of a faculty member. Student and instructor should develop a project and submit a “contract” to the director for approval. May repeat I415 or take any combination of I415 and I405 for a maximum of 6 credit hours.

### **INTL–I 430 Research in International Studies (1–3 cr.)**

**P:** Major or minor in International Studies and permission of department. Overseas faculty-directed research in international studies.

### **INTL–I 498 Internship in International Studies (1–6 cr.)**

**P:** Approval of the director of International Studies. S/F grading. Provides students with an opportunity to receive academic credit for a part-time or full-time internship experience within the U.S. or overseas that allows them to apply the knowledge gained through course work in International Studies to the work world, thereby developing additional knowledge and skills and exposing them to professional career options. May be repeated for a maximum of 6 credit hours.

# Jewish Studies

## Introduction

The Robert A. and Sandra S. Borns Jewish Studies Program (JSTU) has as its objective the study of Jewish civilization from antiquity to the present and its interaction with and impact on world civilization. Our program draws on the many disciplines necessary to study the multifaceted Jewish experience, thus bringing a variety of approaches to the study of Jewish civilization. Contributing departments include Anthropology, Comparative Literature, English, Folklore and Ethnomusicology, Germanic Studies, History, History of Art, Near Eastern Languages and Cultures, Philosophy, Political Science, Religious Studies, and Slavic Languages and Literatures. Modern and biblical Hebrew language courses and Hebrew literature and culture courses taught within the Jewish Studies Program offer students a way to understand Jewish culture and its historical experience through literary analysis of texts and artifacts. Because of the interdisciplinary nature of the Jewish Studies Program, students enrolled in the B.A. or certificate programs have the opportunity to structure course work individually, according to their specific areas of interest.

Students in the Jewish Studies Program can pursue either a B.A. in Jewish studies or a certificate in Jewish studies. Students, in addition, may complete a minor in Hebrew or a minor in Yiddish studies (through Germanic Studies). These programs are open to students from all academic and personal backgrounds.

We encourage students planning to major in Jewish studies to see the Jewish studies advisor in their first or second semester. Students may call (812) 855-0453 to make an appointment.

## Contact Information

Robert A. and Sandra S. Borns Jewish Studies Program  
Indiana University  
Goodbody Hall 326  
1011 East Third Street  
Bloomington, IN 47405-7005

(812) 855-0453

[iujsp@indiana.edu](mailto:iujsp@indiana.edu)

<http://www.indiana.edu/~jsp/>

## Faculty

### Director

- Jeffrey Veidlinger (Jewish Studies, History)

### Associate Director

- Matthias Lehmann (Jewish Studies, History)

### Alvin H. Rosenfeld Chair in Jewish Studies

- Jeffrey Veidlinger (Jewish Studies, History)

### Dr. Alice Field Cohn Chair in Yiddish Studies

- Dov-Ber Kerler (Jewish Studies, Germanic Studies)

### Irving M. Glazer Chair in Jewish Studies

- Alvin H. Rosenfeld (Jewish Studies, English)

### Jay and Jeanie Schottenstein Chair in Jewish Studies

- Shaul Magid (Jewish Studies, Religious Studies)

### Lou and Sybil Mervis Chair in the Study of Jewish Culture

- Judah Cohen (Jewish Studies, Folklore and Ethnomusicology)

### Pat M. Glazer Chair in Jewish Studies

- Mark Roseman (Jewish Studies, History)

### Rudy Professor

- Jeffrey C. Isaac (Political Science)

### Ruth N. Halls Professor

- Dror Wahrman (History)

### Professors

- James S. Ackerman (Emeritus, Religious Studies)
- Joëlle Bahloul (Anthropology)
- Jack Bielasiak (Political Science)
- Paul Eisenberg (Emeritus, Philosophy)
- Susan Gubar (Emerita, English)
- J. Albert Harrill (Religious Studies)
- Jeffrey C. Isaac (Political Science)
- Stephen Katz (Jewish Studies, Near Eastern Languages and Cultures)
- Dov-Ber Kerler (Jewish Studies, Germanic Studies)
- Shaul Magid (Jewish Studies, Religious Studies)
- Michael Morgan (Emeritus, Jewish Studies, Philosophy)
- Mark Roseman (Jewish Studies, History)
- Alvin Rosenfeld (Jewish Studies, English)
- Jeffrey Veidlinger (Jewish Studies, History)
- Bronislava Volková (Emerita, Slavic Languages and Literatures)
- Dror Wahrman (History)

### Associate Professors

- Michelle Facos (History of Art)
- Halina Goldberg (Jacobs School of Music)
- Matthias Lehmann (Jewish Studies, History)
- Nancy Levene (Religious Studies)
- Herbert J. Marks (Comparative Literature)
- Dina Spechler (Political Science)

### Assistant Professors

- Judah Cohen (Jewish Studies, Folklore and Ethnomusicology)

### Director of Modern Hebrew Language Program

- Ayelet Weiss, Goodbody Hall 003-03, (812) 855-2338

### Modern Hebrew Lecturers

- Michal Maoz-Levy
- Rachel Naor

### Academic Advising

- Carolyn Lipson-Walker, Goodbody Hall 325, (812) 855-0453

## Jewish Studies Language Courses

### Germanic Studies

- GER-Y 100 Beginning Yiddish I (4 cr.)
- GER-Y 150 Beginning Yiddish II (4 cr.)
- GER-Y 200 Intermediate Yiddish I (3 cr.)
- GER-Y 250 Intermediate Yiddish II (3 cr.)

## Jewish Studies

- JSTU-B 200 Intermediate Biblical Hebrew I (3 cr.)
- JSTU-B 250 Intermediate Biblical Hebrew II (3 cr.)
- JSTU-H 100 Elementary Hebrew I (4 cr.)
- JSTU-H 150 Elementary Hebrew II (4 cr.)
- JSTU-H 190 Intensive Elementary Hebrew (6 cr.)
- JSTU-H 200 Intermediate Hebrew I (3 cr.)
- JSTU-H 250 Intermediate Hebrew II (3 cr.)
- JSTU-H 300 Advanced Hebrew I (3 cr.)
- JSTU-H 350 Advanced Hebrew II (3 cr.)
- JSTU-H 365 Advanced Hebrew Conversation and Composition (3 cr.)
- JSTU-H 375 Introductory Readings in Hebrew Literature (in Hebrew) (3 cr.)
- JSTU-H 460 Israeli Film and Fiction in Hebrew (3 cr.) **A & H, CSA**
- JSTU-H 480 Modern Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- JSTU-H 485 Recent Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- JSTU-H 497 Individual Readings in Hebrew (1–4 cr.)

## Core Required Courses for Jewish Studies Majors; History and Society Courses for Certificate Students

- JSTU-J 251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) **S & H, CSA**
- JSTU-J 252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) **S & H, CSA**

## Overseas Study

The experience of living and studying in Israel is both broadening and culturally stimulating. Jewish Studies students are encouraged to study at The Hebrew University's Rothberg International School in Jerusalem during their junior year. Courses at the Rothberg School at The Hebrew University are conducted in English and include classes in Judaica and in subjects of a more general nature taught by outstanding scholars. Fall and full-year students participate in an eight-week ulpan (intensive Hebrew course) in the summer prior to the academic year on The Hebrew University campus. Spring semester-only students begin with a three-week ulpan. All students continue studying Hebrew during the regular semester. Although prior Hebrew study is recommended, it is not required. Students attending the Rothberg School can earn direct IU credit and can fulfill senior residency requirement hours. Students interested in either the certificate, major, or Hebrew minor should meet with the Jewish Studies advisor before leaving for Israel.

Information and application forms for The Hebrew University can be found on the [Office of Overseas Study Web site](#).

## Major in Jewish Studies

### Required Courses

Students must complete the following:

1. Two semesters of Modern Hebrew (JSTU-H 100-H 150) or Yiddish (GER-Y 100-Y 150).
2. JSTU-J 251 Introduction to Jewish History: From the Bible to Spanish Expulsion and JSTU-J 252 Introduction to Jewish History: From Spanish

Expulsion to the Present. Both courses must be taken on the Bloomington campus.

3. Area of specialization. Four courses in one of three areas of specialization: Literature and the Arts; History and Society; or Religion and Thought. A maximum of two courses of Hebrew and/or Yiddish language instruction at the 200 level or higher may be counted toward any area of specialization. Credit acquired through language testing or through transfer credit from universities other than The Hebrew University (via IU Overseas Study Program) will not exceed the equivalent of two courses in the student's area of specialization.
4. Two additional courses must be completed outside the student's chosen area of specialization.
5. At least 9 credit hours must be at the 300–400 level.
6. A student must complete a minimum of 12 credit hours of course work in Jewish studies on the IU Bloomington campus. A maximum of three courses may be credited toward the major from language testing or transfer credit from universities other than The Hebrew University (via IU Overseas Study Program).

Students interested in a career in Jewish sacred music may pursue a curriculum that combines the major with specific courses in the Jacobs School of Music. Please see the assistant director of the Jewish Studies Program for details.

Students must also complete the degree requirements of the College of Arts and Sciences.

## Area Certificate in Jewish Studies

### Purpose

The certificate program gives students pursuing degrees outside the College of Arts and Sciences, or pursuing B.S. or B.A. degrees within the College of Arts and Sciences, an opportunity to gain a broad-based knowledge of Jewish studies. Students in the School of Journalism may complete their second concentration by completing the Jewish Studies certificate. Students in the Kelley School of Business may work toward a global studies and languages field specialization or arts and social services field specialization by completing the Jewish Studies certificate. Students in the Jacobs School of Music may complete the certificate along with a Bachelor of Music or as an outside field with a Bachelor of Science in Music.

### Required Courses

Students must complete a minimum of eight courses with a minimum grade of C– distributed as follows:

1. Two courses in each of the three major areas of Jewish studies: Literature and the Arts; History and Society; and Religion and Thought. Two courses of Hebrew and/or Yiddish language instruction at the 200 level or higher may be substituted for two courses in one of the major areas.
2. Two additional courses chosen, in any combination, from these three major areas or from Hebrew and/or Yiddish language courses.

Students wishing to participate in the certificate program must register with the advisor in Jewish Studies. Appointments may be arranged by calling (812) 855-0453.

A student must complete a minimum of 10 credit hours of course work (language testing is not acceptable) in Jewish studies on the Bloomington campus. A maximum of three courses may be credited toward the certificate from either language testing or from transfer credit from universities other than The Hebrew University (via IU Overseas Study Program).

## Minor in Hebrew

**Note:** A student must earn a grade of C or higher in Modern Hebrew to move on to the next semester's Hebrew course.

### Required Courses

Students must complete the following:

1. Six courses in Hebrew language and/or literature (Modern or Biblical Hebrew) for a minimum of 20 credit hours. (Students transferring first year language course credit may be eligible to complete the minor with a minimum of 18 credit hours.)
2. At least four courses must be Hebrew language courses.
3. At least two courses must be at or above the 300 level. These two upper-level courses, which cannot be fulfilled through language testing or transfer credit, must be related in content to Hebrew but need not be language courses per se. These two upper-level courses cannot be counted toward either the Jewish Studies major or the certificate in Jewish Studies. Students interested in pursuing study of courses related to Biblical Hebrew might also (with the approval of the Jewish Studies advisor) choose to take upper-level courses in rabbinic and biblical literature taught by Jewish Studies faculty.
4. A minimum cumulative GPA of a 2.300 is required in the minor.
5. At least three of the courses must be completed on the Bloomington campus. Up to three courses may be credited toward the minor from language testing and transfer credit or study abroad.
6. Each student's course work must be approved by the Jewish Studies advisor to assure a coherent program of study.
7. A student majoring in Hebrew through the Department of Near Eastern Languages and Cultures may not also earn a minor in Hebrew.

## Minor in Yiddish Studies

Students may complete the minor through the Department of Germanic Studies.

### Required Courses

Students must complete the following:

1. GER-Y 150 (4 cr.).
2. GER-Y 200 (3 cr.).
3. GER-Y 250 (3 cr.).
4. Six additional credits chosen from GER-E 351/CMLT-C 377, GER-E 352/CMLT-C 378, GER-Y 495, or HIST-D 304.

## Jewish Studies Honors Program

### Requirements

1. Majors in Jewish Studies must maintain a minimum overall GPA of 3.500 and a minimum Jewish Studies GPA of 3.500.
2. A student must apply to the honors advisor, Carolyn Lipson-Walker, for admission into the honors program.
3. In addition to completing the requirements for the Jewish Studies major, honors students must successfully complete two courses: first enrolling in JST-H 399 Readings for Honors in Jewish Studies (3 credit hours) and then completing the honors thesis with the course JST-H 499 Honors Thesis (3–6 credit hours). A grade of A– or higher must be earned in both courses to graduate with honors.
4. A thesis director of the student's choice (from the Jewish Studies faculty) will serve as mentor throughout H399/H499. Students must fill out the appropriate honors thesis contract and obtain the thesis director's signature as well as the approval of the honors advisor before registering for JSTU-H 399.
5. JSTU-H 399 is typically taken in the next-to-last semester before graduation in the spring. Under the close direction of the thesis director, the honors candidate completes preliminary reading and research and a 2–3 page thesis prospectus and bibliography.
6. In the final semester before graduation, the student enrolls in JSTU-H 499 and completes a 25–50 page thesis, representing a significant proportion of original research. The thesis is defended before a committee made up of the thesis director and two other faculty members of the student's choosing (in consultation with the thesis director).

## Course Descriptions

### Biblical Hebrew

#### JSTU–B 200 Intermediate Biblical Hebrew I (3 cr.)

P: Grade of C or higher in B150 or equivalent proficiency. A continuation of B150. Advances student's skill to read and understand biblical narrative, law, prophecy, and poetry. I Sem.

#### JSTU–B 250 Intermediate Biblical Hebrew II (3 cr.)

P: Grade of C in B200 or equivalent proficiency. Continues to build the skills necessary for reading various literary genres in the Bible while training the student to do formal textual exegesis. Introduction to scholarly tools necessary for translating and interpreting biblical text. II Sem.

### Israeli Culture

#### JSTU–C 240 Contemporary Israeli Culture (3 cr.)

**A & H, CSA** Through literature and other media (essay, film, music), this course examines a number of Israeli cultural, social, and political phenomena: the Holocaust in the Israeli imagination, Labor and the Israeli body, Jewish ethnicity, the Israeli Arab, and the creation of new national holidays. Students develop methods of "reading" these artifacts of Israeli culture with the help of approaches from the fields of literary and cultural studies.

#### JSTU–C 340 The Kibbutz in Fact and Fiction

**(3 cr.) A & H, CSA** A survey of the representation of kibbutz ideology and community in Hebrew fiction and

anthropological and sociological studies. Compares early representations of the kibbutz with its recent transformations to acquaint students with the impact of this unique social system in Israeli society and culture.

**JSTU–C 360 Israeli Film and Fiction (3 cr.) A & H, CSA** A sampling of Israeli novels and stories in English translation whose texts were made into film. All readings and discussions conducted in English. Subjects covered pertain to the representation of Israeli culture, values, and experience, including individualism and the collective, war and peace, the self and the nation.

### Modern Hebrew

**JSTU–H 100 Elementary Hebrew I (4 cr.)** Introductory course that lays groundwork for the study and use of modern (Israeli) Hebrew—reading, writing and conversing. No previous knowledge of Hebrew required. I Sem.

**JSTU–H 150 Elementary Hebrew II (4 cr.)** P: Grade of C or higher in H100 or equivalent proficiency. Continuation of H100. Development of basic reading, writing, and conversing in modern Hebrew. II Sem.

**JSTU–H 190 Intensive Elementary Hebrew (6 cr.)** Intensive course in elementary modern Hebrew, combining ulpan with standard language instruction techniques. The course covers the equivalent of one full year of elementary Hebrew in one term, and is open to those desiring to acquire all facets of language communication, morphology, phonology, and syntax. Credit given for only one of JSTU H190, or JSTU H100–H150.

**JSTU–H 196 Foreign Study in Hebrew (1-6 cr.)** P: Acceptance into an overseas study program. Credit for foreign study in Hebrew language or literature when no specific equivalent is available among departmental offerings. Does not count toward credit for major, certificate, or minor.

**JSTU–H 200 Intermediate Hebrew I (3 cr.)** P: Grade of C or higher in H150 or equivalent proficiency. Continuation of H150; second year of modern Hebrew. Development of skills of reading, writing, and conversing in modern Hebrew on an intermediate level.

**JSTU–H 250 Intermediate Hebrew II (3 cr.)** P: Grade of C or higher in H200 or equivalent proficiency. Continuation of H200. Development of the skills of reading, writing, and conversing in modern Hebrew on an intermediate level. II Sem.

**JSTU–H 296 Foreign Study in Hebrew (1-6 cr.)** P: Acceptance into an overseas study program. Credit for foreign study in Hebrew language or literature when no specific equivalent is available among departmental offerings. Does not count toward credit for major, certificate, or minor.

**JSTU–H 300 Advanced Hebrew I (3 cr.)** P: Grade of C or higher in H250 or equivalent proficiency. In this third-year course in the modern Hebrew language sequence, students will further develop reading, writing, and speaking skills. Emphasis on reading comprehension and conversation, as well as grammar and syntactical structures. The language of instruction and discussion is Hebrew. I Sem.

**JSTU–H 350 Advanced Hebrew II (3 cr.)** P: Grade of C or higher in H300 or equivalent proficiency. Continuation of H300. Further development of advanced reading, writing, and conversing skills in modern Hebrew. II Sem.

**JSTU–H 365 Advanced Hebrew Conversation and Composition (3 cr.)** P: Grade of C or higher in H350 or equivalent proficiency. A full summation of modern Hebrew, with review of grammar and vocabulary. The course aims to enrich students' vocabulary, reading and writing skills, comprehension, and free expression. Emphasis will be on vocabulary, usage, and pronunciation. Writing practice and review of grammar will be integrated with conversation and readings of selections from literary and nonliterary texts.

**JSTU–H 375 Introductory Readings in Hebrew Literature (in Hebrew) (3 cr.)** P: Grade of C or higher in H350 or equivalent proficiency. **A & H** Reading, in the original Hebrew, of selected poetry and prose from among the chief writers of modern Hebrew literature. Emphasis on familiarization with the diverse styles, forms, and themes of modern Hebrew literature. Discussion and analysis in Hebrew.

**JSTU–H 396 Foreign Study in Hebrew (1-6 cr.)** P: Acceptance into an overseas study program. Credit for foreign study in Hebrew language or literature when no specific equivalent is available among departmental offerings. Does not count toward credit for major, certificate, or minor.

**JSTU–H 460 Israeli Film and Fiction in Hebrew (3 cr.)** P: Grade of C or higher in H350 or equivalent proficiency. **A & H, CSA** A sampling of Israeli novels and stories whose texts were made into film. Subjects covered pertain to the representation of Israeli culture, values, and experience, including individualism and collective, war and peace, the self and the nation. Readings, assignments, and discussion in Hebrew.

**JSTU–H 480 Modern Hebrew Literature in Hebrew (3 cr.)** P: Grade of C or higher in any Hebrew course above H350 (such as H365, H375, H485, or H497), or equivalent. **A & H, CSA** A survey of nineteenth- and twentieth-century fiction, poetry, essays in the original Hebrew under such headings as assimilation, ghetto, and world; secularism versus tradition; ethnicity, land, and universalism; nation, religion, state; utopia and revolution; nostalgia, self-hate, rejuvenation; portrayal of anti-Semitism in literature.

**JSTU–H 485 Recent Hebrew Literature in Hebrew (3 cr.)** P: Grade of C or higher in H350 or equivalent proficiency. **A & H, CSA** Extensive readings of Hebrew texts and scholarly works grouped according to periods or specific themes in language, literature, or intellectual movements adapted to specific individual programs. Readings, assignments, and discussions in Hebrew.

**JSTU–H 496 Foreign Study in Hebrew (1-6 cr.)** P: Acceptance into an overseas study program. Credit for foreign study in Hebrew language or literature when no specific equivalent is available among departmental offerings. Does not count for major, certificate, or minor.

**JSTU–H 497 Individual Readings in Hebrew (1-4 cr.)** P: Grade of C or higher in H350 or equivalent proficiency. Extensive readings of Hebrew texts and scholarly works

grouped according to periods or specific themes in language, literature, or intellectual movements adapted to specific individual programs. Readings, assignments, and discussion in Hebrew. May be repeated for a maximum of 9 credit hours.

### **Jewish Studies**

**JSTU–J 251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) S & H, CSA** Topics include the origins of Judaism, Jewish life in ancient Israel and the Diaspora, Judaism and the origins of Christianity, Jewish society and culture under Christian and Muslim rule in the Middle Ages. Credit given for only one of J251 or HIST H251.

**JSTU–J 252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) S & H, CSA** Jewish history from early modern times to the present. Topics include Jewish daily life in early modern Europe and Ottoman Turkey, Jewish mysticism, Hasidism, Jewish emancipation, modern Judaism, anti-Semitism, the Holocaust, Zionism, the State of Israel, and the history of American Jewry. Credit given for only one of J252 or HIST H252.

**JSTU–J 203 Arts and Humanities Topics in Jewish Studies (3 cr.) A & H** Selected arts and humanities topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 204 Social and Historical Topics in Jewish Studies (3 cr.) S & H** Selected social and historical topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 303 Arts and Humanities Topics in Jewish Studies (3 cr.) A & H** Selected arts and humanities topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 304 Social and Historical Topics in Jewish Studies (3 cr.) S & H** Selected social and historical topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 403 Arts and Humanities Topics in Jewish Studies (3 cr.) A & H** Selected arts and humanities topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 404 Social and Historical Topics in Jewish Studies (3 cr.) S & H** Selected social and historical topics and issues in Jewish studies. May be repeated with different topics for a maximum of 9 credit hours.

**JSTU–J 498 Internship in Jewish Studies (1-6 cr.)** Through internships, students make particular use of their skills, learn new skills, and start to build professional contacts in the field of their interest. Students who wish to receive credit through Jewish Studies for their internship need to have a Jewish Studies faculty sponsor and are responsible for finding and securing their own internships. S/F grading. May be repeated for a maximum of 12 credit hours.

**JSTU–P 180 Leadership in Jewish Studies (1 cr.)** Variable topic course, designed to be practical in nature. Allows students to study and apply leadership skills through obtaining leadership roles in the community.

Graded. May be repeated with different topics for a maximum of 3 credit hours.

**JSTU–P 300 Professional Leadership and the Jewish Community (3 cr.)** Designed to introduce students to the demography, sociology, and structure of contemporary American Jewry, and to the wide range of agencies serving the community, as well as the most effective steps to begin a career within them. Through guest presentations by professional and lay-leaders in the field, along with a practicum experience, students learn about current challenges and trends in Jewish studies-related professions.

### **Hebrew Literature**

**JSTU–L 380 Modern Hebrew Literature in English (3 cr.) A & H, CSA** Nineteenth- and twentieth-century fiction, poetry, essays, under such headings as assimilation (ideal or aberration?); ghetto and world; secularism versus tradition; ethnicity, land, and universalism; nation, religion, state; utopias and revolutions; nostalgia, self-hate, rejuvenation; portrayal of anti-Semitism in literature. No knowledge of Hebrew necessary. Readings and lectures in English.

**JSTU–L 385 Recent Hebrew Literature in English (3 cr.) A & H, CSA** Fiction, poetry, and essays with relevance to contemporary issues, such as the past (burden or asset?); the meeting of Europe and Near East; the kibbutz; ideal and reality; Jews, Arabs, Canaanites; diaspora and center; the personal and the collective; inwardness or realism; wars, holocausts, peace. No knowledge of Hebrew necessary. Readings and lectures in English.

**JSTU–L 390 Biblical Themes in Modern Hebrew Literature (3 cr.) A & H** An examination of how modern Hebrew literature, read in English translation, has perceived and reinterpreted narratives of the Hebrew Bible. Among the issues to be examined are the contemporary individual, social, and historical factors contributing to the process of “rewriting” the Bible in the image of our times. No knowledge of Hebrew necessary. Readings and lectures in English.

**JSTU–L 395 S. Y. Agnon and the Jewish Experience (3 cr.) A & H, CSA** Intensive study of the fictional work (in English translation) of S. Y. Agnon. Among the themes explored are religion and secularism; tradition versus modernity and change; love, marriage, and divorce; nostalgia for the past and life in the present; Israel and the diaspora. No knowledge of Hebrew necessary. Readings and lectures in English.

### **Special Topics**

**JSTU–H 495 Individual Readings in Jewish Studies (1-3 cr.) P:** Consent of instructor. Designed for advanced Jewish Studies students who wish to concentrate on a particular area of Judaica previously introduced to them in other courses. Arrangements are made between the student and professor prior to registration. A student must have course authorization with the Jewish Studies advisor prior to registration. May be repeated for a maximum of 6 credit hours.

### **Honors**

**JSTU–H 399 Readings for Honors in Jewish Studies (3 cr.) P:** Approval of instructor and honors advisor.

Independent guided readings in preparation for the honors thesis (H499) in Jewish Studies.

**JSTU–H 499 Honors Thesis (3-6 cr.) P:** Approval of program honors committee. Guided research culminating in an honors thesis written under the direction of a faculty member and reviewed in oral examination by three faculty members.

## Courses by Areas of Specialization Including Cross-Listed Courses

### I. Literature and the Arts

### II. History and Society

### III. Religion and Thought

**Note:** Although JSTU J203, J303, and J403 courses are listed under both Literature and the Arts and History and Society, the area of specialization fulfilled by each of these courses will depend upon the specific topic.

### I. Literature and the Arts

#### College of Arts and Sciences

- E103 Topics in Arts and Humanities (topics relating to Jewish Studies) (3 cr.) **A & H, TFR** Topic: Who Wrote the Bible?
- S103 Freshman Seminar in Arts and Humanities (3 cr.) **A & H, TFR** Topics: Genesis and Myth; Popular Representations of the Holocaust

#### Comparative Literature

- C100 Freshman Seminar (3 cr.) **A & H** Topic: The Agnostic Bible
- C301 Special Topics in Comparative Literature (3 cr.) **A & H, CSA** Topics: The Agnostic Bible; Literature of the Bible; Poetics of Biblical Narrative; Reading the Prophets
- C377 Topics in Yiddish Literature (3 cr.) **A & H, CSA** Topics: Fantasy, Realism, and Fiction in Early Modern and Modern "Classic" Yiddish Literature; Love, Soul, and Destiny in Modern Yiddish Literature; Selected Readings in Twentieth-Century Yiddish Fiction
- C378 Topics in Yiddish Culture (3 cr.) **A & H, CSA** Topics: Culture, Memory, and Identity: Yiddish in the Post-Holocaust World; Ghetto, Shtetl, and Beyond: Millennium of History and Society of Yiddish; History and Sociology of Yiddish; Yiddish in America
- C400 Studies in Comparative Literature (3 cr.) **A & H** Topics: Job, from the Bible to Kafka; The Poetics of Biblical Narrative
- C405 Senior Seminar in Comparative Literature (3 cr.; 6 cr. max.) **A & H** Topics: The Bible in Western Literature; Job, from the Bible to Kafka; Prophecy and Poetry

#### English

- L241 American Jewish Writers (3 cr.) **A & H, CSA**
- L367 Literature of the Bible (3 cr.) **A & H**
- L375 Studies in Jewish Literature (3 cr.) **A & H, CSA** Topics: American Jewish Writers; Jewish

American Responses to the Holocaust; Literature of the Holocaust; Representations of the Holocaust

- L460 Seminar: Literary Form, Mode, and Theme (3 cr.) Topic: The Poetics of Biblical Narrative

#### Fine Arts

- A200 Topics in Art History (3 cr.) Topic: Introduction to Jewish Art **CSA**

#### Germanic Studies

- E341 Dutch Culture: The Modern Netherlands (3 cr.) **S & H, CSB** Topic: Anne Frank: Her Diary in Perspective
- E351 Topics in Yiddish Literature (3 cr.) **A & H, CSA** Topics: Fantasy, Realism, and Fiction in Early Modern and Modern "Classic" Yiddish Literature; Love, Soul, and Destiny in Modern Yiddish Literature; Selected Readings in Twentieth-Century Yiddish Fiction
- E352 Topics in Yiddish Culture (3 cr.) **A & H, CSA** Topics: Culture, Memory, and Identity: Yiddish in the Post-Holocaust World; Ghetto, Shtetl, and Beyond: Millennium of History and Society of Yiddish; History and Sociology of Yiddish; Yiddish in America
- Y495 Individual Readings in Yiddish Studies: Language, Literature, Culture (1–3 cr.)

#### Hutton Honors College

- H203 Interdepartmental Colloquia (3 cr.) **A & H, TFR** Topics: The American Jewish Experience: History, Literature, and Culture; Hitler and Anne Frank: Studies in the Representation of Good and Evil
- H226 Interdepartmental Colloquia (3 cr.) **A & H** Topic: The Agnostic Bible; Literature of the Holocaust
- H303 Interdepartmental Colloquia (3 cr.) **A & H** Topics: The American Jewish Experience; American Jewish Writers **CSA**; Literature of the Holocaust **CSA**; Poetics of Biblical Narrative

#### Jewish Studies

- C240 Contemporary Israeli Culture (3 cr.) **A & H, CSA**
- C340 The *Kibbutz* in Fact and Fiction (3 cr.) **A & H, CSA**
- C360 Israeli Film and Fiction (3 cr.) **A & H, CSA**
- H460 Israeli Film and Fiction in Hebrew (3 cr.) **A & H, CSA**
- H480 Modern Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- H485 Recent Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- H497 Individual Readings in Hebrew (1–4 cr.)
- J203 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- J303 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- J403 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- L380 Modern Hebrew Literature in English (3 cr.) **A & H, CSA**
- L385 Recent Hebrew Literature in English (3 cr.) **A & H, CSA**

- L390 Biblical Themes in Modern Hebrew Literature (3 cr.) **A & H**
- L395 S. Y. Agnon and the Jewish Experience (3 cr.) **A & H, CSA**

### **Slavic Languages and Literatures**

- C365 Seminar in Czech and Central European Literatures and Cultures (3 cr.) **A & H, CSA** Topics: Central European Literature and Culture—Between the Wars; Czech and Jewish Culture in Bohemia: Poetry, Film, and Novel.
- R345 Jewish Characters in Russian Literature (3 cr.) **A & H, CSA**

### **West European Studies**

- W406 Special Topics in West European Studies (3 cr.) **A & H** Topic: Anne Frank: Her Diary in Perspective **CSB**

## **II. History and Society**

### **Anthropology**

- E332 Jewish Women: Anthropological Perspectives (3 cr.) **S & H, CSA**
- E371 Modern Jewish Culture and Society (3 cr.) **S & H, CSA**
- E382 Memory and Culture (3 cr.) **S & H**
- E400 Undergraduate Seminar (3 cr.) Topics: Ethnicities in Israel; Israeli Society and Culture; The Jewish Family; Jewish Women; Migrations and Diasporas

### **College of Arts and Sciences**

- E103 Topics in Arts and Humanities (3 cr.) **A & H, TFR** Topic: Power, Politics, and Piety: The Struggle for the Holy Land in Israel/Palestine
- E104 Topics in Social and Historical Studies (3 cr.) **S & H, TFR** Topics: Blacks and Jews; What Makes It Jewish?
- S103 Freshman Seminar in Arts and Humanities (3 cr.) **A & H, TFR** Topic: Popular Representations of the Holocaust

### **Communication and Culture**

- C445 Media, Culture, and Politics (3 cr.) Topic: Film, Fascism, and Psychoanalysis

### **Folklore and Ethnomusicology**

- F252 Folklore and the Humanities (3 cr.) **A & H** Topic: Musical Theater and Ethnic Representations: Jews and African Americans
- F358 Jewish Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA** Topics: American Jewish Popular Music; Music in Judaism
- F359 Exploring Jewish Identity Today (3 cr.) **S & H, CSA**

### **History**

- A379 Issues in Modern U.S. History (3 cr.) **S & H** Topic: The Holocaust in American Memory
- B200 Issues in Western European History (3 cr.) **S & H** Topic: History of Jerusalem: Three Faiths, Three Thousand Years

- B300 Issues in Western European History (3 cr.) **S & H** (when Jewish history topic) Topic: The Jews of Spain; Sephardic History and Culture
- B303 Issues in Modern European History (3 cr.) **S & H** (when Jewish history topic) Topic: Anti-Semitism in Europe Since the Enlightenment
- B315 European Anti-Semitism from the Enlightenment to the Holocaust (3 cr.) **S & H**
- B321 European Jews in the Age of Discovery (3 cr.) **S & H, CSA**
- B322 Jews in the Modern World (3 cr.) **S & H, CSA**
- B323 History of the Holocaust (3 cr.) **S & H, CSA**
- B324 Zionism and the State of Israel (3 cr.) **S & H, CSA**
- B330 The Jews of Spain (3 cr.) **S & H, CSA**
- B400 Issues in Western European History (3 cr.) **S & H** (when Jewish history topic)
- C300 Issues in Classical and Byzantine History (3 cr.) **S & H** Topics: Jews, Christians, and Muslims in the Medieval Mediterranean; Three Cultures in the Medieval Mediterranean: Interactions between Muslims, Christians, and Jews
- D304 Jews of Eastern Europe (3 cr.) **S & H, CSA**
- H251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) **S & H, CSA**
- H252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) **S & H, CSA**
- J300 Seminar in History (3 cr.) **S & H** (when Jewish history topic) Topics: The Jews of Islam; The Jews of Spain: Jewish Life under Christianity and Islam; Perpetrators of the Holocaust; The Sephardic Diaspora; Testimonies of the Holocaust
- J400 Seminar for History Majors (3 cr.) **S & H** Topics: Anti-Semitism and Jewish Responses; Jewish Cultural History of the Modern Era; Jewish Emancipation; The People of the Book: Jewish History and Modern Jewish Texts; Perpetrators of the Holocaust

### **Hutton Honors College**

- H203 Interdepartmental Colloquia (3 cr.) **A & H, TFR** Topics: The American Jewish Experience: History, Literature, Culture; American Jewish Writers; Hitler and Anne Frank: Studies in the Representation of Good and Evil; Literature of the Holocaust; Understanding Antisemitism
- H226 Interdepartmental Colloquia (3 cr.) Topic: Literature of the Holocaust
- H303 Interdepartmental Colloquia (3 cr.) **A & H** Topics: The American Jewish Experience; American Jewish Writers **CSA**; Literature of the Holocaust

### **Jewish Studies**

- C240 Contemporary Israeli Culture (3 cr.) **A & H, CSA**
- C340 The Kibbutz in Fact and Fiction (3 cr.) **A & H, CSA**
- C360 Israeli Film and Fiction (3 cr.) **A & H, CSA**
- J251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) **S & H, CSA**
- J252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) **S & H, CSA**
- H460 Israeli Film and Fiction in Hebrew (3 cr.) **A & H, CSA**



- H480 Modern Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- H485 Recent Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- J203 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- J204 Social and Historical Topics in Jewish Studies (3 cr.) **S & H**
- J303 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- J304 Social and Historical Topics in Jewish Studies (3 cr.) **S & H**
- J403 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- J404 Social and Historical Topics in Jewish Studies (3 cr.) **S & H**
- L380 Modern Hebrew Literature in English (3 cr.) **A & H, CSA**
- L385 Recent Hebrew Literature in English (3 cr.) **A & H, CSA**
- L395 S. Y. Agnon and the Jewish Experience (3 cr.) **A & H, CSA**
- P300 Professional Leadership and the Jewish Community (3 cr.)

#### **Political Science**

- Y352 The Holocaust and Politics (3 cr.) **S & H, CSA**

### **III. Religion and Thought**

#### **College of Arts and Sciences**

- E103 Topics in Arts and Humanities (3 cr.) **A & H, TFR** (topics relating to Jewish Studies) Power, Politics, and Piety: The Struggle for the Holy Land in Israel/Palestine; Theism, Atheism, and Existentialism; Who Wrote the Bible?
- S103 Freshman Seminar in Arts and Humanities (3 cr.) **A & H, TFR** Topic: Genesis and Myth

#### **Comparative Literature**

- C100 Freshman Seminar (3 cr.) **A & H** Topic: The Agnostic Bible
- C301 Special Topics in Comparative Literature (3 cr.) **A & H** Topics: The Agnostic Bible; Poetics of Biblical Narrative; Reading the Prophets
- C405 Senior Seminar in Comparative Literature (3 cr.) **A & H** Topics: The Bible in Western Literature; Job, from the Bible to Kafka; Prophecy and Poetry

#### **English**

- L367 Literature of the Bible (3 cr.) **A & H**
- L460 Seminar: Literary Form, Mode, and Theme (3 cr.) Topic: The Poetics of Biblical Narrative

#### **Folklore and Ethnomusicology**

- F359 Exploring Jewish Identity Today (3 cr.) **S & H, CSA**

#### **History**

- C300 Issues in Classical and Byzantine History (3 cr.) **S & H** Topics: Jews, Christians, and Muslims in the Medieval Mediterranean; Three Cultures in

the Medieval Mediterranean: Interaction Between Muslims, Christians, and Jews

#### **Hutton Honors College**

- H226 Interdepartmental Colloquia (3 cr.) **A & H** Topic: The Agnostic Bible
- H303 Interdepartmental Colloquia (3 cr.) **A & H** Topic: Poetics of Biblical Narrative

#### **Jewish Studies**

- J203 Arts and Humanities Topics in Jewish Studies (3 cr.) **A & H**
- L390 Biblical Themes in Modern Hebrew Literature (3 cr.) **A & H**

#### **Philosophy**

- P205 Modern Jewish Philosophy (3 cr.) **A & H, CSA**
- P305 Topics in the Philosophy of Judaism (3 cr.) **A & H, CSA**
- P490 Readings in Philosophy (1–3 cr.) (In agreement with instructor, intensive readings related to one or a group of philosophers who explore in their writings Jewish themes and topics.)

#### **Religious Studies**

- R152 Jews, Christians, Muslims (3 cr.) **A & H, CSA** Topic: The Binding of Isaac in Judaism, Christianity, and Islam
- A202 Issues in African, European, and West Asian Religions (3 cr.) **A & H** Topics: Biblical Justice; Hell and Heaven in Judaism
- A210 Introduction to the Old Testament/Hebrew Bible (3 cr.) **A & H, CSA**
- A220 Introduction to the New Testament (3 cr.) **A & H, CSA**
- A230 Introduction to Judaism (3 cr.) **A & H, CSA**
- A300 Studies in African, European, and West Asian Religions (3 cr.) **A & H** Topics: The Book of Job and the Crisis of Faith; History of God; Introduction to Rabbinic Literature; Issues in the Study of the Hebrew Bible; Revelation in Rabbinic Literature
- A305 Ancient Mediterranean Religions (3 cr.) **A & H, CSA** (If Jewish Studies is one-third or more of course material.)
- A315 Prophecy in Ancient Israel (3 cr.) **A & H, CSA**
- A317 Judaism in the Making (3 cr.) **A & H, CSA**
- A320 Jesus and the Gospels (3 cr.) **A & H, CSA**
- A321 Paul and his Influence in Early Christianity (3 cr.) **A & H, CSA**
- A335 Introduction to Jewish Mysticism (3 cr.) **A & H, CSA**
- A395 The Bible and Slavery (3 cr.) **A & H, CSA**
- A415 Topics in Ancient Israelite Religion (3 cr.) **A & H, CSA** Topics: Biblical Justice; The Poetics of Biblical Narrative
- A420 Religions of Ancient Rome (3 cr.) **A & H, CSA**
- A430 Topics in the History of Judaism (3 cr.) **A & H** Topics: The Struggle for the Holy Land: Power, Piety, and Politics in the Israeli/Palestinian Conflict; Talmud
- A440 Judaism and Gender: Philosophical and Theological Perspectives (3 cr.) **A & H, CSA**

- A450 Topics in the History of Christianity (3 cr.) **A & H, CSA** Topics: The Bible and Slavery; Jews and Christians
- D300 Studies in Theory, Ethics, and Comparison (3 cr.) **A & H** Topic: Dilemmas of Modern Judaism
- D362 Religious Issues in Contemporary Judaism (3 cr.) **A & H, CSA**
- D385 Messianism and Messiahs in Comparative Perspective (3 cr.) **A & H, CSA**
- R474 Capstone Seminar in Religion (3 cr.) **A & H** Topic: Mysticism in Religious Traditions

#### **Additional Elective Courses**

- JSTU-J498 Internship in Jewish Studies (1–6 cr.) S/F grading
- JSTU-P180 Leadership in Jewish Studies (1 cr.)

## Latin American and Caribbean Studies

### **Introduction**

The Latin American and Caribbean Studies Program (LTAM) is an interdepartmental program offering integrated study opportunities to students planning careers in teaching, research, journalism, government, and business. Recognizing the varied objectives of students, the Latin American and Caribbean studies faculty has attempted to provide diverse formats and levels of study in the program.

Although the program offers no undergraduate major, students may choose Latin American and Caribbean studies as a minor or obtain a certificate along with the bachelor's degree in an academic discipline. In either case, the program provides the student with a basic knowledge of the anthropology, art, economics, folklore, geography, history, languages, literatures, music, and politics of Latin America. Such study is especially useful to students who contemplate advanced study in the area or who plan to work or live in Latin America. Students may elect to complete the minor or the certificate but not both.

### **Contact Information**

Center for Latin American and Caribbean Studies  
Indiana University  
1125 E. Atwater Avenue  
Bloomington, IN 47401

(812) 855-9097

[clacs@indiana.edu](mailto:clacs@indiana.edu)

[www.iub.edu/~clacs/](http://www.iub.edu/~clacs/)

## Faculty

### **Director**

- Professor Bradley Levinson (School of Education)

### **Chancellor's Professors**

- Robert Arnove (Emeritus, School of Education)
- Patrick McNaughton (Fine Arts)
- Anya Peterson Royce (Anthropology, Comparative Literature)

### **Bentley Professor**

- Elinor Ostrom (Political Science)

### **Mendel Professor**

- Daniel James (History)

### **Rudy Professors**

- Jeffrey L. Gould (History)
- Emilio Moran (Anthropology)
- Albert Valdman (Emeritus, French and Italian, Linguistics)

### **Distinguished Professor**

- Richard Bauman (Emeritus, Folklore and Ethnomusicology)

### **Professors**

- Robert Agranoff (Emeritus, School of Public and Environmental Affairs)
- Herman Aguinis (Kelley School of Business)
- Akwasi B. Assensoh (African American and African Diaspora Studies)
- Randall Baker (Emeritus, School of Public and Environmental Affairs)
- Maryellen Bieder (Spanish and Portuguese)
- Eduardo Brondizio (Anthropology)
- Kevin Brown (Maurer School of Law)
- Richard Burke (Emeritus, Telecommunications)
- Keith Clay (Biology)
- Joseph Clements (Spanish and Portuguese)
- Claus Clüver (Emeritus, Comparative Literature)
- Geoffrey Conrad (Anthropology)
- Dennis Conway (Emeritus, Geography)
- Della Cook (Anthropology)
- Luis Dávila (Spanish and Portuguese)
- Peter Guardino (History)
- Jeffrey Hart (Political Science)
- Eileen Julien (Comparative Literature)
- Catherine Larson (Spanish and Portuguese)
- Michael Martin (African American and African Diaspora Studies)
- Heitor Martins (Emeritus, Spanish and Portuguese)
- John McDowell (Folklore and Ethnomusicology)
- Kathleen Myers (Spanish and Portuguese)
- Muriel Nazzari (Emerita, History)
- Craig Nelson (Emeritus, Biology)
- K. Anne Pyburn (Gender Studies and Anthropology)
- J. C. Randolph (School of Public and Environmental Affairs)
- Darlene Sadlier (Spanish and Portuguese)
- Gustavo Sainz (Spanish and Portuguese)
- Carmen Téllez (Jacobs School of Music)
- Richard Wilk (Anthropology)

### **Associate Professors**

- Bonnie Brownlee (Journalism)
- Mary Clayton (Emerita, Spanish and Portuguese)
- Deborah Cohn (Spanish and Portuguese)
- Arlene Diaz (History)
- Manuel Diaz-Campos (Spanish and Portuguese)
- Patrick Dove (Spanish and Portuguese)
- John Dyson (Emeritus, Spanish and Portuguese)
- Tom Evans (Geography)

- J. César Felix-Brasdefer (Spanish and Portuguese)
- P. Roberto Garcia (Kelley School of Business)
- Michael Gasser (Computer Science)
- Kimberly Geeslin (Spanish and Portuguese)
- Matthew Guterl (African American and African Diaspora Studies, American Studies)
- Vivian Halloran (Comparative Literature)
- Stephanie Kane (Criminal Justice)
- Bradley Levinson (School of Education)
- Rebecca Martínez (School of Education)
- Alejandro Mejías-López (Spanish and Portuguese)
- John Nieto-Phillips (History, Latino Studies)
- Christiana Ochoa (School of Law)
- Philip Parnell (Criminal Justice)
- Iris Rosa (African American and African Diaspora Studies)
- Pravina Shukla (Folklore and Ethnomusicology)
- Catherine M. Tucker (Anthropology)
- Reyes Vila-Belda (Spanish and Portuguese)

#### Assistant Professors

- Zobeida Bonilla (Applied Health Science)
- Judah Cohen (Folklore and Ethnomusicology)
- Serafin Coronel-Molina (School of Education)
- Peter Cowan (School of Education)
- Babur De los Santos (Kelley School of Business)
- Lessie Jo Frazier (Gender Studies)
- Carl Good (Spanish and Portuguese)
- Shane Greene (Anthropology)
- David Jacho-Chavez (Economics)
- Stacie Marie King (Anthropology)
- Javier León (Folklore and Ethnomusicology)
- Ricardo Lopez (Economics)
- Joshua Malitsky (Communication and Culture)
- Sylvia Martinez (School of Education)
- Jason McGraw (History)
- Carmen Medina (School of Education)
- Eden Miller Medina (School of Informatics and Computing)
- Luciana Namorato (Spanish and Portuguese)
- Fernando Ona (Applied Health Sciences)
- Oana Panaïté (French and Italian)
- Armando Razo (Political Science)
- Miguel Rodríguez-Mondoñedo (Spanish and Portuguese)
- Rinku Roy Chowdhury (Geography)
- Micol Seigel (African American and African Diaspora Studies, American Studies)
- Stephen Selka (African American and African Diaspora Studies, American Studies)
- Michael Spiro (Jacobs School of Music)
- Marvin Sterling (Anthropology)
- Daniel Suslak (Anthropology)
- Estela Vieira (Spanish and Portuguese)
- Erik Willis (Spanish and Portuguese)

#### Lecturers

- Charles Beeker (School of Health, Physical Education, and Recreation)
- Quetzil Castañeda (CLACS)
- Vania Castro (Spanish and Portuguese)
- Silvana Falconi (Spanish and Portuguese)

- Greg Kitzmiller (Kelley School of Business)
- Maritza Quinones-Rivera (Latino Studies)
- April Sievert (Anthropology)
- Francisco Tandioy Jansasoy (CLACS)

#### Librarian and Latin American Studies Area Specialists

- Rebecca Cape (Lilly Library)
- Luis Gonzalez (Wells Library)
- Denise Stuempfle (Wells Library)

#### Academic Advising

- Andréa Siqueira, 1125 E. Atwater, (812) 855-8920

### Area Certificate in Latin American and Caribbean Studies

The certificate is awarded upon graduation to students who have demonstrated knowledge of Latin America beyond the level of a normal minor in accord with the requirements listed below. (Students may elect to complete the minor or the certificate but not both.) Curriculum planning should be done in consultation with the director of Latin American and Caribbean Studies.

#### Academic Standing

For entrance into the certificate program, a student shall have at least a B– average or the permission of the director. In order to receive the certificate, the student shall achieve at least a B average in the courses taken to complete these requirements.

#### Language Requirements

Students may choose either Spanish or Portuguese and must take at least two courses (6 credit hours minimum) taught in the language beyond the college foreign language requirement. These credit hours may include advanced courses in conversation, composition, literature, or culture, taught in the language. Oral proficiency in the language shall be demonstrated by the student to the satisfaction of the Department of Spanish and Portuguese or its delegate. Any language course that appears on the list below may be counted toward the certificate requirements.

#### Required Courses

Students must complete the following:

1. A total of 24 credit hours in courses from the list below and approved by the director of Latin American and Caribbean Studies. At least 6 of the 24 credit hours must be at the 300–400 level.
2. At least one semester of a Latin American studies seminar and the L210-L211 sequence must be part of the total. If no relevant seminar is offered during an academic year, an approved readings course may be substituted.

A maximum of 6 credit hours in a student's major may be credited toward the Certificate in Latin American and Caribbean Studies.

### Minor in Latin American and Caribbean Studies

Students should develop their minor in consultation with their respective departmental advisors and the director of the Latin American and Caribbean Studies Program. Students may elect to complete the minor or the certificate but not both.

### Required Courses

The minor comprises at least 15 credit hours of course work within the College of Arts and Sciences related to the Latin American and Caribbean area, including the L210–L211 sequence and at least 6 credit hours at the 300–400 level. Courses from a student's major course of study cannot be used to satisfy the requirements of the minor. In order to complete the minor, students must also meet the College of Arts and Sciences language requirement with one of the following languages: Spanish, Portuguese, Haitian Creole, Quechua, or Yucatec Maya. Any course in which the student receives a grade below C– may not be used to fulfill a minor requirement.

### Overseas Study

Qualified students have the opportunity to study in certain Latin American countries in one of the overseas study programs of the university. The Latin American and Caribbean Studies Program encourages students to take advantage of such opportunities. Credit earned in overseas study programs may fulfill part of either the minor or the certificate requirements. For more information, see the section of this *Bulletin* entitled "Overseas Study Programs," which appears under "Distinctions and Opportunities," or contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

### Course Descriptions

The following courses may be complemented by offerings related to Latin America and the Caribbean in other departments.

#### LTAM–C 101 Elementary Haitian Creole I (4 cr.)

Introduction to Haitian Creole, the vernacular language of Haiti spoken by over 9 million people; conversational drills, grammatical explanations and exercises, listening comprehension training, aspects of Haitian culture.

#### LTAM–C 102 Elementary Haitian Creole II (4 cr.)

P: Grade of C or higher in C101 or equivalent proficiency. Focus on reading non-specialized texts and learning about the rich, African-based folk culture and religion of the world's first black republic.

#### LTAM–C 201 Intermediate Haitian Creole I (3 cr.)

P: Grade of C or higher in C102 or equivalent proficiency. Builds on skills acquired in C102 with the aim of improving conversational fluency and the ability to read nonspecialized texts.

#### LTAM–C 202 Intermediate Haitian Creole II (3 cr.)

P: Grade of C or higher in C201 or equivalent proficiency. Focus on expanding and refining conversational skills, reading and writing more specialized texts, and increased knowledge of Haitian culture and history.

#### LTAM–L 200 Topics in Latin American Studies (3 cr.)

An introduction to different aspects of Latin American and/or Caribbean cultures and societies. Focuses on one country or region, which will vary. All readings in English. May be repeated with a different focus (country or region) for a maximum of 6 credit hours.

#### LTAM–L 210 The Latin American Experience (3 cr.)

**S & H, CSA** Introduction to Latin America: geography, heritage, and process from pre-Columbian civilizations to colonies and nations.

**LTAM–L 211 Contemporary Problems in Latin America (3 cr.) S & H, CSA** Introduction to pertinent problems of twentieth-century Latin America, such as industrialization, urbanization, revolution, and self-expression.

#### LTAM–L 305 Spanish and Portuguese Across the Curriculum (1 cr.)

**P:** Language proficiency in target language equivalent to completion of fourth semester, or consent of instructor. **C:** Host course specified each semester. Offers the opportunity to improve the Spanish or Portuguese language skills of conversation, reading, writing, and comprehension. Class is to be taken concurrently with a host course that offers a Spanish and Portuguese Across the Curriculum section. Discussions and assignments related to the host course will be performed in the studied language. May be repeated with a different topic for a maximum of 3 credit hours.

#### LTAM–L 327 Latin American and Caribbean Language (3 cr.)

**P:** Consent of instructor. Advanced study in one of the less commonly taught languages of Latin America or the Caribbean. May be repeated for a maximum of 6 credit hours.

#### LTAM–L 400 Contemporary Mexico (3 cr.) S & H, CSA

Places contemporary Mexico in historical perspective, focusing on the nineteenth and twentieth centuries. Topics include the causes and consequences of the 1910 revolution, the position of the Indian, the political system, problems of dependent economic growth, cultural values and social change, and relations with the U.S. from a Mexican viewpoint. Credit given for only one of L400, HIST F346, or HIST F446.

#### LTAM–L 401 Seminar: Contemporary Latin America (3 cr.)

Study of two regions; one topic for each region, or one topic for the two regions. Regions to be cycled: Mexico, Caribbean and Central America, Andean countries, Southern Cone, Brazil. May be repeated once for credit.

#### LTAM–L 402 Contemporary Brazil (3 cr.) S & H, CSA

A survey of the culture of Brazil today: people, politics, religion, education, agriculture, industrial development, literature, music, and art. Lectures by members of various departments and visiting scholars. All reading in English.

#### LTAM–L 403 Contemporary Central America (3 cr.)

**S & H, CSA** Analyzes the contemporary conflicts in Central America by placing them in historical perspective. Includes such topics as the relation between socioeconomic structures and politics, the impact of World War II and agro-export development, agrarian reform, revolution, democratization, and relations with the United States.

#### LTAM–L 420 New Latin American Cinema (3 cr.) A & H, CSA

A survey of Latin American film from the 1950s to the present. Taught in English, this course is interdisciplinary and cross-cultural and emphasizes the socioeconomic and political issues that gave rise to a specific movement.

#### LTAM–L 425 Latin American and Caribbean Languages (1-4 cr.)

Languages of Latin America and the Caribbean, other than Spanish and Portuguese. The following languages are regularly offered: Nahuatl, Haitian Creole, and Quechua. May be repeated with a different language or higher level for a maximum of 6 credit hours in any one language.

**LTAM–L 426 Special Topics in Latin American and Caribbean Studies (1-3 cr.)** Intensive study and analysis of selected Latin American and Caribbean problems of limited scope within an interdisciplinary format. Topics will vary but will ordinarily cut across fields, regions, or periods. May be repeated with different topics for a maximum of 9 credit hours.

**LTAM–L 495 Undergraduate Readings in Latin American and Caribbean Studies (1-3 cr.)** Designed to accommodate a student's individual interest in those thematic or regional areas in which courses are not offered but in which professors have expertise. May be repeated for a maximum of 6 credit hours.

**LTAM–M 101 Elementary Yucatec Maya I (4 cr.)** Introduction to Yucatec Maya language and culture. Yucatec Maya is an indigenous language of Mexico spoken by close to 1 million people; basic grammatical structure and vocabulary; conversational drills; and lessons on historical and cultural context.

**LTAM–M 102 Elementary Yucatec Maya II (4 cr.)**  
P: Grade of C or higher in M101 or equivalent proficiency. The second semester of Yucatec Maya emphasizes vocabulary-building, simple conversation, beginning writing, and common grammatical patterns.

**LTAM–M 201 Intermediate Yucatec Maya I (3 cr.)**  
P: Grade of C or higher in M102 or equivalent proficiency. Development of listening and comprehension skills. More complex grammatical constructions. Deepens understanding of Mayan culture.

**LTAM–M 202 Intermediate Yucatec Maya II (3 cr.)**  
P: Grade of C or higher in M201 or equivalent proficiency. Development of conversation skills. Reading and writing practice using contemporary Maya orthography. Exploration of Mayan culture and history.

**LTAM–Q 101 Elementary Quechua I (4 cr.)** Introduction to Quechua, spoken by over 13 million people across the Andean Nation of South America; basic grammar and vocabulary; an introduction to the culture and history of the Andean region.

**LTAM–Q 102 Elementary Quechua II (4 cr.)** P: Grade of C or higher in Q101 or equivalent. Builds on the basic vocabulary and grammar lessons of Q101 and introduces further aspects of Andean culture and history.

**LTAM–Q 201 Intermediate Quechua I (3 cr.)** P: Grade of C or higher in Q102 or equivalent proficiency. Focuses on more advanced grammatical constructions, vocabulary building, conversational drills, reading and writing Quechua texts.

**LTAM–Q 202 Intermediate Quechua II (3 cr.)** P: Grade of C or higher in Q201 or equivalent. Focus on refining conversational skills, practicing more extensive reading and writing of Quechua texts and increased knowledge of the Andean region.

## Cross-Listed Courses that Count toward the Minor and the Certificate

Some of the following cross-listed courses may at times be joint-listed under Latin American and Caribbean Studies. For general seminar, readings, fieldwork, foreign study, or variable topic sections, students should verify

Latin American and Caribbean Studies credit with the Latin American and Caribbean Studies academic advisor. Students may find a course on Latin American and Caribbean Studies that is not listed below. In such a case, they should consult the Latin American and Caribbean Studies academic advisor.

### Anthropology

- A406 Fieldwork in Anthropology (cr. arr.)
- A495 Individual Readings in Anthropology (2–4 cr.)
- A496 Field Study in Anthropology (cr. arr.)
- B405 Fieldwork in Bioanthropology (cr. arr.)
- B472 Bioanthropology of Aboriginal America (3 cr.)
- E110 Indians of Mexico: Ancient and Modern (3 cr.) **S & H, CSA**
- E321 Peoples of Mexico (3 cr.) **S & H, CSA**
- E322 Peoples of Brazil (3 cr.) **S & H, CSA**
- E327 Native Amazonians and the Environment (3 cr.) **S & H, CSA**
- E330 Indians of South America (3 cr.) **S & H, CSA**
- E335 Ancient Civilizations of Mesoamerica (3 cr.) **CSA**
- E340 Indians of Mexico and Central America (3 cr.) **S & H, CSA**
- E370 Peasant Society and Culture (3 cr.) **S & H, CSA**
- E372 Racism and the Anthropology of Prejudice (3 cr.) **S & H**
- E400 Seminar in Cultural and Social Anthropology (3 cr.)
- E427 Human Adaptation: Cultural Approaches (3 cr.) **S & H**
- E457 Ethnic Identity (3 cr.) **S & H**
- E460 The Arts in Anthropology (3 cr.) **A & H**
- P220 Rise and Fall of Ancient Civilizations (3 cr.) **S & H**
- P230 Archaeology of the Ancient Maya (3 cr.) **S & H, CSA**
- P370 Ancient Civilizations of the Andes (3 cr.) **CSA**
- P371 Prehistory of Lowland South America (3 cr.) **CSA**

### Criminal Justice

- P471 Comparative Study of Criminal Justice Systems (3 cr.) **S & H**

### Economics

- E303 Survey of International Economics (3 cr.) **S & H**
- E332 International Monetary Economics (3 cr.)
- E337 Economic Development (3 cr.)
- E496 Foreign Study in Economics (3–8 cr.; once only) **S & H**

### Fine Arts

- A452 Art of Pre-Columbian America (4 cr.) **S & H, CSA**

### Folklore and Ethnomusicology

- F111 World Music and Culture (3 cr.) **A & H**
- F315 Latin American Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F356 Chicano Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**

- F364 Children's Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**
- F404 Topics in Folklore/Folklife/Folk Music (3 cr.) **A & H**
- F420 Forms of Folklore/Folklife/Folk Music (3 cr.) **A & H**
- F492 Traditional Music Instruments (3 cr.) **A & H**

### Geography

- G306 The Geography of Current Issues (3 cr.)
- G323 Geography of Latin America (3 cr.) **S & H, CSA**
- G450 Undergraduate Readings and Research in Geography (1–3 cr.; may be repeated once for credit)

### History

- A352 History of Latinos in the United States (3 cr.) **S & H, CSA**
- F100/F200/F300 Issues in Latin American History (3 cr.) **S & H**
- F336 Modern Central American History (3 cr.) **S & H, CSA**
- F346 Modern Mexico (3 cr.) **S & H, CSA**
- H211-H212 Latin American Culture and Civilization I-II (3–3 cr.) **S & H, CSA**
- J300 Seminar in History (Latin American history section) (3 cr.) **S & H**
- J400 Seminar in History (Latin American history section) (3 cr.) **S & H**
- T495 Undergraduate Readings in History (1–12 cr.)

### Latino Studies

- L101 Introduction to Latino Studies (3 cr.) **S & H, CSA**
- L102 Introduction to Latino History (3 cr.) **S & H, CSA**
- L103 Introduction to Latino Cultures (3 cr.) **S & H, CSA**
- L111 Introduction to Latino Film (3 cr.) **S & H, CSA**
- L301 Latino Immigrants in U.S. Society (3 cr.) **S & H, CSA**
- L302 Latinos in the Media (3 cr.) **S & H, CSA**
- L380 Latino Education across the Americas (3 cr.) **S & H, CSA**
- L396 Social and Historical Topics in Latino Studies (3 cr.) **S & H, CSA**
- L490 Individual Reading in Latino Studies (1–3 cr.)

### Linguistics

- L367 Languages of the World (3 cr.) **S & H**

### Political Science

- Y200 Contemporary Political Problems (3 cr.) **S & H**
- Y337 Latin American Politics (3 cr.) **S & H, CSA**
- Y343 Development Problems in the Third World (3 cr.) **S & H**
- Y345 Comparative Revolutions (3 cr.) **S & H**
- Y346 Comparative Politics in Developing Countries (3 cr.) **S & H**
- Y362 International Politics of Selected Regions (3 cr.) **S & H**
- Y372 The Analysis of International Politics (3 cr.) **S & H**

- Y396 Seminar in Political Science (3 cr.)
- Y480 Undergraduate Readings in Political Science (1–6 cr.)
- Y496 Foreign Study in Political Science (3–8 cr.)

### Sociology

- S335 Race and Ethnic Relations (3 cr.) **S & H**

### Spanish and Portuguese

- S315 Spanish in the Business World (3 cr.)
- S317 Spanish Conversation and Diction (3 cr.)
- S326 Introduction to Hispanic Linguistics (3 cr.) **N & M**
- S412 Spanish America: The Cultural Context (3 cr.) **A & H, CSA**
- S420 Modern Spanish-American Prose Fiction (3 cr.) **A & H**
- S423 The Craft of Translation (3 cr.)
- S425 Spanish Phonetics (3 cr.) **N & M**
- S435 Literatura Chicana y Puertorriqueña (3 cr.) **A & H**
- S471-S472 Spanish-American Literature I-II (3-3 cr.) **A & H**
- S479 Mexican Literature (3 cr.) **A & H**
- S480 Argentine Literature (3 cr.) **A & H**
- S495 Hispanic Colloquium (1–3 cr.)
- P317 Reading and Conversation in Portuguese (3 cr.)
- P405 Literature and Film in Portuguese **A & H, CSA**
- P410 Brazilian Cinema (3 cr.) **A & H, CSA**
- P412 Brazil: The Cultural Context (3 cr.) **A & H, CSA**
- P420 Literatures of the Portuguese-Speaking World in Translation (3 cr.) **A & H**
- P425 Structure of Portuguese Language (3 cr.)
- P470 Poetry in Portuguese **A & H, CSA**
- P475 Theatre in Portuguese **A & H, CSA**

### Additional Cross-Listed Courses that Count toward the Certificate

#### Kelley School of Business

- D300 International Business Administration (3 cr.)
- D301 International Business Environment (3 cr.)
- D302 International Business: Operations of International Enterprise (3 cr.)
- D490 Independent Study in International Business (cr. arr.)
- D496 Foreign Study in Business (2–6 cr.)

#### School of Education

- M300 Teaching in a Pluralistic Society (3 cr.)
- L441 Bilingual Education: Introduction (3 cr.)

#### School of Journalism

- J414 International News-Gathering Systems (3 cr.)

#### Jacobs School of Music

- X413 Latin American Popular Music, Performance Emphasis (3 cr.)
- X414 Latin American Ensemble (2 cr.)
- Z375 Introduction to Latin American Music (3 cr.)
- Z413 Latin American Popular Music (3 cr.)

**School of Public and Environmental Affairs**

- E100 Environmental Topics (3 cr.)
- E400 Topics in Environmental Studies (3 cr.)
- E465 Environmental Management in the Tropics (3 cr.)

## Latino Studies

**Introduction**

The Program in Latino Studies (LATS) introduces students to a wide range of current research and scholarly opinion on the history, culture, and social status of Latinos in the United States. It addresses issues embracing the members of the U.S. population whose roots are traced to original Spanish-speaking citizens of this country and immigrants from countries in Latin America and the Caribbean. The program provides the opportunity for its students to develop a deep understanding of Latinos from an interdisciplinary perspective that includes political science, sociology, history, music, literature, technology, ethnology, and anthropology.

**Contact Information**

Department of Latino Studies  
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Bloomington, IN 47405

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[latino@indiana.edu](mailto:latino@indiana.edu)

<http://www.indiana.edu/~latino/>

## Faculty

**Director**

- John Nieto-Phillips (History)

**Professors**

- Richard Bauman (Anthropology)
- Luis Dávila (Spanish and Portuguese)
- Jeffrey L. Gould (History)
- Peter Guardino (History)
- John McDowell (Folklore and Ethnomusicology)
- Iris Rosa (African American and African Diaspora Studies)
- Alberto Torchinsky (Mathematics)

**Associate Professors**

- Raquel T. Anderson (Speech and Hearing Sciences)
- Deborah N. Cohn (Spanish and Portuguese)
- Manuel Díaz-Campos (Spanish and Portuguese)
- Luis Fuentes-Rohwer (School of Law)
- Vivian Nun Halloran (Comparative Literature)
- Bradley Levinson (School of Education)
- Gerardo López (School of Education)
- John Nieto-Phillips (History)
- Christiana Ochoa (School of Law)
- Yeidy Rivero (Communication and Culture)
- Vasti Torres (School of Education)

**Assistant Professors**

- Zobeida E. Bonilla (Applied Health Sciences)
- Serafin Coronel-Molina (School of Education)
- J. César Félix-Brasdefer (Spanish and Portuguese)

- Lessie Jo Frazier (Gender Studies)
- Luis A. González (Wells Library)
- Javier León (Folklore and Ethnomusicology)
- Rebecca Martinez (School of Education)
- Sylvia Martinez (School of Education)
- Eden Medina (School of Informatics and Computing)
- Fabio Rojas (Sociology)
- Daniel Suslak (Anthropology)
- Mariana Tres (Fine Arts)

**Visiting Assistant Professor**

- Geneva M. Gano

**Lecturer**

- Fernando Orejuela

**Academic Advisor**

- Arnell Hammond, Memorial E M 21, 855-6270

## Minor in Latino Studies

**Required Courses**

15 College of Arts and Sciences credit hours including the following:

- L101 Introduction to Latino Studies
- L102 Introduction to Latino History
- 9 credit hours of Latino Studies courses and/or courses cross-listed with Latino Studies, with at least 6 credit hours at the 300 level or above

## Course Descriptions

**LATS–L 101 Introduction to Latino Studies (3 cr.)**

**S & H, CSA** General inquiry into the historical and cultural heritage of Latinos who have lived or currently live in what is today the United States. Through readings and discussions, the course studies the varied histories of Mexican, Puerto Rican, Cuban and other Latin American peoples in the United States.

**LATS–L 102 Introduction to Latino History (3 cr.)**

**S & H, CSA** An introduction and overview of Latino issues beginning with a brief examination of the histories of the major Latino national groups of origin in the United States. Most of the course will examine a number of topics and issues that are key to understanding contemporary Latinos, e.g., immigration, language, education and employment.

**LATS–L 103 Introduction to Latino Cultures (3 cr.)**

**S & H, CSA** Introduces students to cultural diversity, histories, and experiences of Latinos in the United States. Survey course mapping general issues pertaining to these communities and explores specific questions regarding diverse Latino cultural groups. We will consider different kinds of media including ethnographic essays, cultural analysis, film, music, and dance.

**LATS–L 104 Latinas in the United States (3 cr.) S & H,**

**CSA** Focuses on the experiences of Latinas, women of Latin American heritage in the United States. Although many believe Latinas arrived only recently, thousands of Latinas can trace their ancestry in territories that later became part of the United States as early as the sixteenth century. Examines how Latinas' experiences and cultural expressions are shaped by intersections of race, gender, and class.

**LATS–L 105 Diversity by the Numbers (3 cr.)**

**N & M** Introduces methods used by social scientists to produce statistics such as averages, proportions, rates, probabilities, standard deviation, variance, and correlations. With these quantitative tools, students will use an existing database to analyze, produce, and present their own projects about the Hispanic population in the United States. By learning to read, interpret, evaluate, and produce graphical information and statistics on Latinos, students will be able to build on each other's work to create a more systematic analysis of the complexities of the Latino population.

**LATS–L 111 Latino Film: An Introduction and Overview (3 cr.)**

**S & H, CSA** This course examines U.S. films by and/or about Hispanics and Latinos/as (i.e., Mexican-American/ Chicano, Puerto Rican/Boricua, and Cuban-American). Throughout the semester, we will explore the complex relationship between the constructions of Latino/a identities, Latino/a stereotypes, and the circumstances which Latinos encounter in the U.S. as portrayed in film.

**LATS–L 301 Latino Immigrants in United States Society (3 cr.)**

**S & H, CSA** Examines Latino immigrants to the United States with a focus on the frequent conflict between these immigrants and various institutions and segments of United States society.

**LATS–L 302 Latinos in the Media (3 cr.)**

**S & H, CSA** Explores the complex relationship between mainstream media constructions of Hispanics and the Mexican, Puerto Rican, and Cuban migrations to the United States.

**LATS–L 303 The Latino Family (3 cr.)**

**S & H, CSA** Examines the Latino family as a social system in the U.S. Begins with an examination of how scholars approach the study of the Latino family. Also includes such topics as diversity of Latino families, marital patterns, gender roles, the status of Latino youth, social network, education, rituals based on social class, and representations in the media.

**LATS–L 304 Gender and Migration from the Caribbean (3 cr.)**

Examines the immigration of Caribbean ethnic communities to the United States, as well as to other Caribbean islands, in order to study how gender relations and identities develop in a transnational context.

**LATS–L 325 Latinos on the Internet (3 cr.)**

**CSA** An intensive inventory, analysis, and critique of Latino-oriented Web-based materials as well as materials targeted to the general population to discover how well they suit the needs and preferences of the Latino population and how they might be improved.

**LATS–L 380 Latino Education across the Americas (3 cr.)**

**S & H, CSA** Overview of important patterns and issues in Latino education. Includes study of major Latin American educational trends and traditions. Focus on the cultural contexts of Latino education; challenges faced by Latinos in contemporary U.S. schools; and strategies for improving Latino educational achievement. Credit not given for both L380 and EDUC H380.

**LATS–L 396 Social and Historical Topics in Latino Studies (3 cr.)**

**S & H, CSA** Study of historical and current issues affecting Latino communities and Latino integration into U.S. mainstream society. Topics may vary. May be

repeated with a different topic for a maximum of 9 credit hours.

**LATS–L 398 Arts and Humanities Topics in Latino Studies (3 cr.)**

**A & H, CSA** Examination of literature, art, music, performance, and other forms of aesthetic expression pertaining to the study and understanding of Latinos. Topics may vary. May be repeated with a different topic for a maximum of 6 credit hours.

**LATS–L 490 Individual Reading in Latino Studies (1-3 cr.)**

**P:** Consent of department. Intensive study of selected authors and/or topics. May be repeated with a different topic for a maximum of 6 credit hours.

## Related Courses

### Communication and Culture

- C412 Race, Gender, and Representation (3 cr.)  
**S & H, CSA**

### English

- L354 American Literature since 1914 (3 cr.) **A & H**  
Topic: American Fiction
- L374 Ethnic American Literature (3 cr.) **A & H, CSA**  
Topic: Introduction to Chicano Literature
- L384 Studies in American Culture (3 cr.) **A & H**  
Topic: The Power of Place: Migration Culture and the Spatial Imagination **CSA**

### Folklore and Ethnomusicology

- F356 Chicano Folklore/Folklife/Folk Music (3 cr.)  
**A & H, CSA**

### Sociology

- S335 Race and Ethnic Relations (3 cr.) **S & H, CSA**

### Spanish and Portuguese: Literature and Culture

- S220 Chicano-Puerto Rican Literature (3 cr.) **A & H, CSA**
- S260 Introduction to Hispanic Film (3 cr.) **A & H, CSA**
- S413 Hispanic Culture in the United States (3 cr.)  
**A & H, CSA**
- S471-S472 Spanish-American Literature I–II (3-3 cr.)  
**A & H**

### Telecommunications

- T413 Global Media Issues (3 cr.) **S & H**

## Leadership, Ethics, and Social Action

The LESA program has merged with the Political And Civic Engagement (PACE) certificate program. Please see [pace.indiana.edu](http://pace.indiana.edu) and the entry in this *Bulletin*. The final LESA minor students will complete their capstone projects in December 2010 under the direction of Professor Marjorie Hershey (Political Science).



# Liberal Arts and Management Program

## Introduction

The Liberal Arts and Management Program (LAMP) is an honors-level, interdisciplinary certificate program offered by the College of Arts and Sciences in cooperation with the Kelley School of Business. LAMP combines a liberal arts or science major with specialized training in business and management to prepare strong students with wide interests and leadership potential for exciting futures. Selected on a competitive basis, undergraduates pursuing a major in the College of Arts and Sciences enter the three-year LAMP program as sophomores. LAMP students acquire both technical business and management skills and an understanding of the social, political, and cultural contexts that shape business life. Building on the bachelor's degree requirements of the College, students in LAMP take courses in management, business law, and computer applications in the Kelley School of Business and economics courses in the College. To draw together their course work in business, economics, and liberal arts, LAMP students take the program's own seminars. Through LAMP seminars, students engage in dynamic, deeply thought-provoking writing- and discussion-centered learning. As they solve real-world business problems and analyze the relationships between business and society, students connect with faculty who bring many perspectives from different disciplines.

## Admission to LAMP

LAMP has two application periods each academic year: freshmen may apply online during the spring semester and sophomores and transfer students during the fall semester. Candidates for LAMP will be selected on the basis of their academic achievement and promise, leadership potential, and ability to articulate their reasons for pursuing an interdisciplinary program combining arts and sciences with business.

Typically, applicants will not yet be students in the College of Arts and Sciences when they are admitted to LAMP. In order to continue in the program, students must declare their major in a department of the College during their sophomore year and maintain an overall grade point average of 3.300 or higher.

Although it is not required for admission, LAMP encourages interested students to prepare themselves during the freshman year for the program's curriculum by taking the following:

1. The College of Arts and Sciences fundamental skills composition requirement in English.
2. LAMP-S 104 Freshman Seminar (satisfies the College of Arts and Sciences Topics requirement).
3. MATH-M 118 or S118 Finite Mathematics; or MATH-M 119 Brief Survey of Calculus; or MATH-M 211 Calculus I; or MATH-M 213 Accelerated Calculus.
4. At least one semester of a foreign language.
5. ECON-E201 or S201 Introduction to Microeconomics.
6. At least one course in the intended major area.

## Contact Information

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Bloomington, IN 47405

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## Faculty

### Director

- Rudy Professor Pamela Walters (Sociology)

### Assistant Director and Academic Advisor

- Stephanie Gray, Wylie Hall 245, (812) 856-4966

## Certificate in Liberal Arts and Management

### Required Courses

To earn the Certificate in Liberal Arts and Management, students admitted to the program must satisfy all general requirements for a degree from the College of Arts and Sciences, maintain a grade point average of 3.300 or higher, and earn a grade of C– or higher in each course outlined below:

1. Three courses in the College (to be completed by the end of a student's sophomore year) that are basic to the study of management and other business topics (9–10 cr.):
  - Economics—Both of the following:
    - ECON-E 201 Introduction to Microeconomics\* (ECON-S 201 is the honors section)
    - ECON-E 202 Introduction to Macroeconomics\* (ECON-S 202 is the honors section)
  - Mathematics—Select one of the following:
    - MATH-M 118 Finite Mathematics\* (MATH S118 is the honors section)
    - MATH-A 118 Finite Mathematics for the Social and Biological Sciences\*
    - MATH-M 119 or S119 Brief Survey of Calculus\*
    - MATH-M 211 Calculus I\*
    - MATH-M 212 or S212 Calculus II\* (MATH S212 is the honors section)
    - MATH-M 213 Accelerated Calculus\*
2. The following courses in the Kelley School of Business or approved substitute in the College of Arts and Sciences that help develop fundamental management skills (15–16 cr.)
  - Accounting—Select one of the following options:
    - BUS-A 200 Foundations of Accounting\*
    - BUS-A 100 Introduction to Accounting **and** A201 Introduction to Financial Accounting\* (BUS-A 205 is the honors section)
  - Computer Skills—Select one of the following options:
    - The Computer in Business\* (BUS-K 204 is the honors section)

- CSCI-A 110 – Introduction to Computers and Computing\*
- Business Law:
  - BUS-L 201—The Legal Environment of Business (BUS-L 293 is the honors section)
- Management:
  - BUS-X 333 Managing Business Functions
- Business elective—Select one of the following options:
  - BUS- Z302 Managing and Behavior in Business (BUS-Z 304 is the honors section)
  - BUS-D 301 The International Business Environment
  - BUS-L 312 The Ethical Responsibility of Business
  - BUS-F 428 Investment Banking I\*\* and BUS-F 429 Investment Banking II\*\* (1.5 cr. each)
  - BUS-J 420 Advanced Case Analysis and Effective Consulting Presentations and BUS-X 403 Management Consulting\*\*\* (1.5 cr. each)

3. Four Liberal Arts and Management Program seminars in the College that draw together students' course work in business, economics, and liberal arts (11 cr.):

- LAMP-L 216 Sophomore Seminar: Business and the Humanities (Business, Culture, Society)
- LAMP-L 316 Junior Seminar: Analytical Problem Solving (Statistics, Analysis, Problem Solving)
- LAMP-L 416 Senior Seminar: Liberal Arts and Management (Policy, Ethics, Leadership)
- LAMP-X 298 Career Development for Liberal Arts and Management Program Students (2 cr.)

\* These courses must be completed prior to enrollment in LAMP-L 316 and preferably in the student's sophomore year.

\*\*BUS-F 428 and BUS-F 429 are part of the Investment Banking Workshop through the Kelley School of Business and require an application for admission.

\*\*\*BUS J420 and BUS X403 are part of the Management Consulting Workshop through the Kelley School of Business and require an application for admission.

For further information, please contact the Liberal Arts and Management Program, Wylie Hall 245, (812) 856-4966, [lamp@indiana.edu](mailto:lamp@indiana.edu), or consult the program Web site at [www.indiana.edu/~lamp](http://www.indiana.edu/~lamp).

## Course Descriptions

**LAMP–L 216 Sophomore Seminar: Business and the Humanities (3 cr.)** Open to sophomores in the Liberal Arts and Management Program only. A topical seminar that introduces students to fundamental issues in the relationship between business and society. Topics vary with the instructor and year and include advertising in American culture and big business in American society.

**LAMP–L 316 Junior Seminar: Analytical Problem Solving (3 cr.) N & M** Open to juniors in the Liberal Arts and Management Program only. A discussion course emphasizing the use of quantitative methods and analytical skills in exploring and solving business-related problems. Topics vary with the instructor and year and include mathematical modeling and operations research, organizational control, and corporate finance.

**LAMP–L 416 Senior Seminar: Liberal Arts and Management (3 cr.)** Open to seniors in the Liberal Arts and Management Program only. A discussion course drawing together aspects of other LAMP courses to focus on specific problems of business management and corporate policy in light of both practical and ethical considerations. Topics vary with the instructor and year and include the nature of business leadership and the legal and ethical practices of corporations.

**LAMP–S 104 Liberal Arts and Management Program Freshman Seminar (3 cr.) S & H, TFR** Open to freshmen interested in pursuing the Liberal Arts and Management Program Certificate. Specific topics will vary by section and over time, but all versions of S104 will meet the objectives of the College of Arts and Sciences Topics curriculum. Through close reading and writing, this course demonstrates how the fundamentals of business, public policy, and management connect with core principles of a liberal arts education in the context of the social sciences and historical studies. Credit given for only one of COLL E104, COLL S104, GLLC S104, or LAMP S104.

**LAMP–X 298 Career Development for Liberal Arts and Management Program Students (2 cr.)** Open to sophomores in the Liberal Arts and Management Program only. Development of strategies and tools needed for Liberal Arts and Management Program students to identify and analyze their personal values, interests, and abilities. Exploration of vocational options and creation of a lifelong career development plan that accentuates the unique skills and assets of Liberal Arts and Management Program students.

**LAMP–X 398 Internship for LAMP (1-6 cr.)** Open to juniors and seniors in the Liberal Arts and Management Program only, with advance approval from the director of LAMP. Provides an opportunity for students to receive credit for supervised, career-related, full-time work appropriate to LAMP. May be repeated for a maximum of 6 credit hours. Students may earn a maximum of 3 credits for a single internship experience. Students cannot receive credit both from LAMP and from another department or program for the same internship experience.

### Cross-Listed Course

**BUS–X 333 Managing Business Functions (3 cr.)** Open to juniors in the Liberal Arts and Management Program only. Offering a variety of real-world and simulated projects that wrestle with the complex opportunities and problems facing business managers in a variety of settings, this course emphasizes the development of strategic focus and decision-making skills under conditions of ambiguity, change, and uncertainty.

# Linguistics

## Introduction

Linguistics is the scientific study of language in all its forms and uses. The Department of Linguistics (LING) offers a major in linguistics leading to a B.A. degree, and the opportunity for interested students to take course work that satisfies distributional requirements. The curriculum is designed to broaden students' foreign language experience with the study of language structure and to introduce students to a variety of aspects of linguistic investigation, including language use, meaning, and stylistics; language change and variation; and training in linguistic analysis of phonetic, phonological, morphological, and syntactic structure.

## Contact Information

Department of Linguistics  
Indiana University  
Memorial Hall 322  
Bloomington, IN 47405-7005

(812) 855-6456

[lingdept@indiana.edu](mailto:lingdept@indiana.edu)

<http://www.indiana.edu/~lingdept/>

## Faculty

### Chairman

- Professor Stuart Davis

### Chancellor's Professor

- Daniel Dinnsen

### Professors

- Robert Botne
- J. Clancy Clements (Spanish and Portuguese)
- Stuart Davis
- Steven Franks (Slavic Languages and Literatures)
- Samuel Gyasi Obeng
- Robert Port (Emeritus, Cognitive Science)

### Associate Professors

- Julie Auger (French and Italian)
- Kenneth de Jong
- Yoshihisa Kitagawa
- Frances Trix (Anthropology)
- Barbara Vance (French and Italian)

### Clinical Associate Professor

- Alwiya Omar (African Languages Coordinator)

### Assistant Professors

- Markus Dickinson
- Sandra Kübler

### Adjunct Professors

- Kathleen Bardovi-Harlig (Second Language Studies)
- Phil Connell (Speech and Hearing Sciences)
- Judith Gierut (Speech and Hearing Sciences, Cognitive Science)
- Susan Herring (Library and Information Science)
- Lawrence Moss (Mathematics)
- David Pisoni (Psychological and Brain Sciences)
- Rex Sprouse (Germanic Studies)

- Natsuko Tsujimura (East Asian Languages and Cultures)

### Adjunct Associate Professors

- Laurent Dekydtspotter (French and Italian)
- George Fowler (Slavic Languages and Literatures)
- Michael Gasser (Cognitive Science, Computer Science)
- Tracy Hall (Germanic Studies)
- Philip LeSourd (Anthropology)
- Roxana Ma Newman (International Programs)
- John Paolillo (Library and Information Science)
- Kevin Rottet (French and Italian)

### Adjunct Assistant Professors

- Damir Cavar
- Isabelle Darcy (Second Language Studies)
- Miguel Rodríguez-Mondoñedo (Spanish and Portuguese)

### Distinguished Professor

- Paul Newman (Emeritus)

### Rudy Professor

- Albert Valdman (Emeritus, French and Italian)

### Lecturer

- Richard Janda

### Academic Advising

- Krystie Herndon, Sycamore Hall 301, (812) 856-2484

## Major in Linguistics

### Required Courses

Students must complete at least 30 credit hours in linguistics and required language courses, including the following:

1. **Core Requirements:** L306, L307, L310, L431, and four electives, of which two must be at the 300–400 level. One elective may be from a related area.
2. **Language Structure Requirements:** L432, or L490, or two courses in a language approved by the department, excluding major western European languages (such as German or the major Romance languages).
3. **Language Proficiency Requirement:** at least one 3 credit hour course at the 300–400 level of a foreign language. (This requirement is waived for students who double major in linguistics and a foreign language.)

Students must complete the degree requirements of the College of Arts and Sciences.

## Interdepartmental Major in Linguistics and Speech and Hearing Sciences (Focus on Speech Technology)

### Required Courses

Students must complete a minimum of 40 credit hours in the major. Students must also complete the degree requirements for the B.A. in the College of Arts and Sciences.

## Linguistics

1. LING-L 303 Introduction to Linguistic Analysis (3 cr.).
2. LING-L 445 The Computer and Natural Language (3 cr.).
3. LING-L 306 Phonetics (3 cr.) **or** Speech and Hearing Sciences S302 (see below).
4. At least 6 additional credit hours in Linguistics at the 300 level or above.

## Speech and Hearing Sciences

1. SPHS-S 110 Survey of Communication Disorders (3 cr.).
2. SPHS-S 319 Mathematical Foundation for Speech and Hearing Sciences (3 cr.).
3. SPHS-S 302 Acoustics for Speech and Hearing Sciences (3 cr.) **or** Linguistics L306 (see above).
4. At least 6 additional credit hours in SPHS at the 300 level or above.

## Other Requirements

1. CSCI-C 211 Introduction to Computer Science (4 cr.).
2. At least one of the following courses (or an approved substitute):
  - PSY-P 325 Psychology of Learning (3 cr.)
  - PSY-P 329 Sensation and Perception (3 cr.)
  - PSY-P 335 Cognitive Psychology (3 cr.)
  - CSCI-C 212 Introduction to Software Systems (4 cr.)
  - CSCI-C 241 Discrete Structures for Computer Science (3 cr.)
  - COGS-Q 240 Philosophical Foundations of the Cognitive and Information Sciences (4 cr.)
  - COGS-Q 270 Experiments and Models of Cognition (4 cr.)
  - COGS-Q 260 Programming for the Cognitive and Information Sciences (2 cr.) and Q 320 Computation in the Cognitive and Information Sciences (2 cr.)
  - COGS-Q 351 Introduction to Artificial Intelligence and Computer Simulation (3 cr.)
3. Additional courses taken from this list or from Speech and Hearing Sciences at the 300 level or above or from Linguistics at the 300 level or above to reach the minimum required total of 40 credit hours.

## Minor in Linguistics

### Required Courses

At least 15 College of Arts and Sciences credit hours approved by the department, including either L103 or L303. At least three courses must be at the 300 level or above. Three credit hours may be taken in a related field, subject to approval by the department.

## Minor in African Languages

### Required Courses

Students must complete the following:

1. Minimum of 13 credit hours in one of the following language tracks:
  - Akan: K102, K201, K202, K301
  - Bamana: B102, B201, B202, B301
  - Hausa: H102, H201, H202, H301

- Swahili: S102, S201, S202, S301
- Wolof: X102, X201, X202, X301
- Zulu: Z102, Z201, Z202, Z301

2. Minimum of 3 credit hours in either L480 or L481.

**Note:** First-semester language courses do not count in the minor. Most students will need to complete 20 credit hours to satisfy all minor requirements in order to complete the prerequisite first semester of the relevant African language as well as the courses required for the minor.

## Honors Program in Linguistics

### Requirements

Applicants must have completed at least three courses in linguistics with a minimum GPA of 3.500; at least two of these courses must be required core courses (i.e., L306, L307, L310, L431). Applicants should have a minimum College GPA of 3.300, the recommendation of a linguistics faculty member, and a strong interest in a specific area of study.

To graduate with Honors in Linguistics, a student must have earned a minimum College GPA of 3.300, a minimum GPA of 3.500 in Linguistics courses, and a minimum grade of B in each of two required Honors courses (L399 and L499). In L499, students are required to complete original research, field work, or a language-related project, evaluated by the student's project advisor and one other faculty member.

## Course Descriptions

### LING-L 103 Introduction to the Study of Language (3 cr.) S & H

A survey of perspectives on language, covering topics such as the relation between the form of words and sentences and their meanings, the sounds of languages and their dialect variations, the use of language in daily life, language in humans and animals, and the relationship between language and thought.

### LING-L 111 Dialect and Language Variation (3 cr.) S & H, TFR

A study of variation, particularly dialectal variation, in American English, examining the situation in Indiana within the broader American dialect setting. Topics include the myths, attitudes, and realities surrounding the concept of dialect, standard and non-standard dialects, dialects of American English, dialects in Indiana, and methods of gathering and analyzing data.

### LING-L 112 Language and Politics (3 cr.) S & H, TFR

Explores how language and politics influence each other. The speeches of presidents, vice presidents, congressmen, senators, governors, and action group members will be examined. Course topics include notions of context, political pronouns, parallelism, metaphors, questions and answers, political correctness, censorship, and the politics about languages (language policy issues).

### LING-L 113 Language and Gender (3 cr.) S & H, TFR

How do women and men use language? How does language reflect the status of men and women in society? Topics discussed include language and sexism, language and gender across cultures, language and homosexuality, the acquisition of gendered patterns of language, politeness and gender, and why women and men speak differently.

**LING-L 114 Language and Religion (3 cr.) A & H, TFR** Hinduism, Buddhism, Shinto, Islam, Christianity, and other religions exhibit diverse attitudes toward language, specific linguistic practices, and styles of religious speech (singing, chanting). Discover how religions deal with the loss of intelligibility over time of their sacred texts (Bible, Koran, Sutras) and find out why translation into a modern language cannot completely solve the problem. Field trips to religious events.

**LING-L 205 Language and Style (3 cr.) S & H** A study of variation in language, particularly as it affects the transmission of meaning. Geographic, social, sexual, and situational linguistic variation will be studied. The specialized forms and functions of the languages of politics, advertising, and literature will be examined in detail, as will various strategies for verbal manipulation.

**LING-L 210 Topics in Language and Society (3 cr.) S & H** The study of topics relating to the role of language as a social phenomenon. May be repeated with a different topic for a maximum of 6 credit hours.

**LING-L 303 Introduction to Linguistic Analysis (3 cr.) N & M** Introduction to basic concepts of linguistic analysis, exemplifying the general principles of structural approaches to the study of language. Application of analytical methods to problems selected from phonetics, phonology, morphology, syntax, and semantics.

**LING-L 306 Phonetics (3 cr.) N & M** Introduction to the nature of speech, and the physiology and process of speech production, and training in IPA transcription of utterances drawn from the languages of the world, including various English dialects. The course includes an emphasis on naturally occurring speech and understanding physical aspects of speech behavior. Some laboratory work is included.

**LING-L 307 Phonology (3 cr.) R: L306. N & M** Basic concepts such as the phoneme and distinctive feature as defined and used within particular theories. The relationship of phonology to phonetics and morphology; exploration of salient aspects of sound structure and some characteristic modes of argumentation; extensive phonological analysis with some practice in writing phonological rules.

**LING-L 308 Morphology (3 cr.) P: L103, L303, or L307. N & M** An introduction to morphology, the study of the internal structure of words. Topics include the concept of the morpheme, the structure of words and processes of word formation, inflection versus derivation, and issues in morphological theory. Students will do morphological analyses on forms drawn from a variety of languages.

**LING-L 310 Syntax (3 cr.) R: L303. N & M** Examination of the basic concepts, assumptions, and argumentation of modern syntactic theory to describe and analyze common syntactic structures in English and other languages. Practice in constructing and evaluating grammars.

**LING-L 315 Introduction to Sociolinguistics (3 cr.) S & H** Examines the relationship between language and society. Issues include the nature of sociolinguistics; the importance of age, sex, socioeconomic status, language ideologies; why people use different dialects/languages in different situations; bilingualism and multilingualism; language choice, language attitudes,

language endangerment; the relevance of sociolinguistics to general linguistics theory.

**LING-L 325 Semantics (3 cr.) R: L303 and L310 or L308. N & M** An introduction to the relationship between linguistic forms and their meanings, use, and interpretation. Students will investigate the domain of linguistic semantics and acquire the "tools" to do semantic analysis and to critically evaluate those of others.

**LING-L 367 Languages of the World (3 cr.) P: L103 or L303. S & H** Survey of the language families of the world, including their chief grammatical characteristics, geographical distribution, and cultural status. Topics include methods and evidence for language grouping, causes for linguistic diversity, characteristics of endangered languages, and causes for their endangerment.

**LING-L 399 Readings in Linguistics (Honors) (cr. arr.; max of 6 cr.) P:** Consent of departmental honors committee. Honors course.

**LING-L 408 Readings in Linguistics (1-4 cr.) R:** 12 credit hours of linguistics, or L103 and advanced work in a foreign language. Directed reading in various fields of linguistics. May not duplicate a regularly offered course. May be repeated up to a maximum of 12 credit hours.

**LING-L 430 Language Change and Variation (3 cr.) P: L307. R: L310 or L308. S & H** An introduction to how languages change over time and how prehistoric languages can be reconstructed by comparing their modern descendants. Major topics include principles of language change; historical reconstruction; language relatedness and language families; variation and the mechanism of language change; contact-induced change; the birth and death of languages.

**LING-L 431 Field Methods (3 cr.) P: L307. R: L310.** Introduction to the procedures involved in the structural description of language, using a native speaker of an unfamiliar language whose speech will be analyzed.

**LING-L 432 Advanced Field Methods (3 cr.) P: L431.** Advanced analysis of language under study in L431.

**LING-L 445 The Computer and Natural Language (3 cr.) N & M** Present-day computer systems work with human language in many different forms, whether as stored data in the form of text, typed queries to a database or search engine, or speech commands in a voice-driven computer system. We also increasingly expect computers to produce human language, such as user-friendly error messages and synthesized speech. This course surveys a range of linguistic issues and problems in computational linguistics.

**LING-L 480 Introduction to African Linguistics (3 cr.) P: L303 or linguistics major. S & H** Introduction to the linguistic study of African languages; questions of language distribution, typological and genetic classification, comparative reconstruction, and structural aspects of individual languages.

**LING-L 481 Languages in Africa (3 cr.) S & H, CSA** Study of languages as an integral component of the lives of African peoples. Topics include linguistic rituals, such as greetings, condolences, apologies, and leave-taking; speaking the unspeakable, joking, and

insulting, story telling, proverbs, and anthroponymy. Issues addressed include women and rhetoric, language education, and the dynamics of language spread.

**LING–L 485 Topics in Linguistics (3 cr.)** P: Varies according to topic. Studies in special topics not ordinarily covered in departmental courses.

**LING–L 490 Linguistic Structures (3 cr.)** P: Consent of instructor. The linguistic analysis of particular aspects of the structure of one language or a group of closely related languages.

**LING–L 499 Honors Project (cr. arr.; max of 6 cr.)**  
P: Approval of the departmental honors committee. Honors course.

### African Languages

**LING–B 101 Elementary Bamana I (4 cr.)** Introduction to Bamana, a Mande language of West Africa, and aspects of Bamana culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING–B 102 Elementary Bamana II (4 cr.)** Introduction to Bamana, a Mande language of West Africa, and aspects of Bamana culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING–B 201 Intermediate Bamana I–II (4 cr.)** P: Grade of C or higher in B102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING–B 202 Intermediate Bamana II (4 cr.)** P: Grade of C or higher in B102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING–B 301 Advanced Bamana I (4 cr.)** P: Grade of C or higher in H202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to needs of students enrolled.

**LING–B 302 Advanced Bamana II (4 cr.)** P: Grade of C or higher in B202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to the needs of students enrolled.

**LING–F 101 Elementary African Languages I (4 cr.)**  
P: for F102: F101 or equivalent in the same language. Language instruction in the specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–F 102 Elementary African Languages II (4 cr.)**  
P: for F102: F101 or equivalent in the same language. Language instruction in the specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–F 201 Intermediate African Languages I (3 cr.)**  
P: Grade of C or higher in F102 or equivalent proficiency in the same language. Language instruction in the

specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–F 202 Intermediate African Languages II (3 cr.)**  
P: Grade of C or higher in F102 or equivalent proficiency in the same language. Language instruction in the specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–F 301 Advanced African Languages I (3 cr.)**  
P: Grade of C or higher in F202 or equivalent proficiency in the same language. Language instruction in the specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–F 302 Advanced African Languages II (3 cr.)**  
P: Grade of C or higher in F202 or equivalent proficiency in the same language. Language instruction in the specific African language named in the online *Schedule of Classes*. Various languages will be offered when available. These courses may be retaken for credit, but only in a different language from that of the first enrollment.

**LING–H 101 Elementary Hausa I (4 cr.)** Introduction to Hausa, a language spoken in Nigeria and Niger, and aspects of Hausa culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING–H 102 Elementary Hausa II (4 cr.)** Introduction to Hausa, a language spoken in Nigeria and Niger, and aspects of Hausa culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING–H 201 Intermediate Hausa I (3 cr.)** P: Grade of C or higher in H102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING–H 202 Intermediate Hausa II (3 cr.)** P: Grade of C or higher in H102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING–H 301 Advanced Hausa I (3 cr.)** P: Grade of C or higher in H202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to needs of students enrolled.

**LING–H 302 Advanced Hausa II (3 cr.)** P: Grade of C or higher in H202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to needs of students enrolled.

**LING–K 101 Elementary Akan I (4 cr.)** Introduction to Akan, a major language of West Africa, spoken by the Akan peoples of Ghana. With approximately three million speakers, it is the major language of Ghana. Also spoken by thousands of people in the Ivory Coast. Basic

grammatical structures and vocabulary. Emphasis on the spoken language. Credit given for only one of K101 or W101.

**LING-K 102 Elementary Akan II (4 cr.)** P: Grade of C or higher in K101 or W101, or equivalent proficiency. Basic grammatical structures and vocabulary. Emphasis on spoken language—oral and listening comprehension, language use in specific social settings like the market, school, hospital, doctor's office, among others. Important cultural points such as food, clothing, marriage. Credit given for only one of K102 or W102.

**LING-K 201 Intermediate Akan I (3 cr.)** P: Grade of C or higher in K102 or W102, or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills, speaking and writing. Reading of elementary texts. Credit given for only one of K201 or W201.

**LING-K 202 Intermediate Akan II (3 cr.)** P: Grade of C or higher in K201 or W201, or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills, speaking, writing and reading texts. Attention on oral and written composition, reading and listening comprehension, and translation. Description of cultural events through the use of videos and Internet resources. Credit given for only one of K202 or W202.

**LING-K 301 Advanced Akan I (3 cr.)** P: Grade of C or higher in K202 or W202, or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Credit given for only one of K301 or W301.

**LING-K 302 Advanced Akan II (3 cr.)** P: Grade of C or higher in K301 or W301, or equivalent proficiency. Study of complex grammatical structures and more complex contextual discourse patterns. Advanced readings of traditional and modern literature. Advanced oral and written compositions, advanced reading and listening comprehension and translation of complex texts from English to Akan. Credit given for only one of K302 or W302.

**LING-S 101 Elementary Swahili I (4 cr.)** Introduction to Swahili, a Bantu language spoken in East Africa, and aspects of Bantu culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING-S 102 Elementary Swahili II (4 cr.)** Introduction to Swahili, a Bantu language spoken in East Africa, and aspects of Bantu culture. Basic grammatical structures and vocabulary. Emphasis on the spoken language.

**LING-S 201 Intermediate Swahili I (3 cr.)** P: Grade of C or higher in S102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING-S 202 Intermediate Swahili II (3 cr.)** P: Grade of C or higher in S102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking and writing. Reading of elementary texts.

**LING-S 301 Advanced Swahili I (3 cr.)** P: Grade of C or higher in S202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to needs of students enrolled.

**LING-S 302 Advanced Swahili II (3 cr.)** P: Grade of C or higher in S202 or equivalent proficiency. Examination of subtle nuances in grammatical structures. Advanced readings of traditional and modern literature. Composition. Oriented to needs of students enrolled.

**LING-X 101 Elementary Wolof I (4 cr.)** Introduction to Wolof language and culture. Wolof is spoken in West Africa, especially in Senegal, Mauritania, the Gambia, and Mali. Basic grammatical structures and vocabulary. Emphasis is on the spoken language. Exposure to cultural and social settings through the use of electronic media.

**LING-X 102 Elementary Wolof II (4 cr.)** P: Grade of C or higher in X101 or equivalent proficiency. Basic grammatical structures and vocabulary. Emphasis is on the spoken language—oral and listening comprehension, and language use in specific social settings.

**LING-X 201 Intermediate Wolof I (3 cr.)** P: Grade of C or higher in X102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking, writing, and reading texts. Attention to oral and written compositions, reading, listening comprehension, and translation of texts.

**LING-X 202 Intermediate Wolof II (3 cr.)** P: Grade of C or higher in X201 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills: speaking, writing, and reading texts. Attention to oral and written compositions, reading, listening comprehension, and translation of texts.

**LING-X 301 Advanced Wolof I (3 cr.)** P: Grade of C or higher in X202 or equivalent proficiency. Study of complex grammatical structures and complex contextual discourse patterns. Advanced readings of traditional and modern literature. Advanced oral and written compositions, listening comprehension, and translation of complex texts.

**LING-X 302 Advanced Wolof II (3 cr.)** P: Grade of C or higher in X301 or equivalent proficiency. Study of complex grammatical structures and complex contextual discourse patterns. Advanced readings of traditional and modern literature. Advanced oral and written compositions, listening comprehension, and translation of complex texts.

**LING-Z 101 Elementary Zulu I (4 cr.)** Introduction to Zulu language and culture. Zulu is spoken in South Africa and the neighboring countries of Zimbabwe, Malawi, Namibia, Mozambique, Swaziland, and Lesotho by about 10 million people. Basic grammatical structures and vocabulary, emphasis on the spoken language and cultural awareness.

**LING-Z 102 Elementary Zulu II (4 cr.)** P: Grade of C or higher in Z101 or equivalent proficiency. Basic grammatical structures and vocabulary. Emphasis on the spoken language, oral and listening comprehension, and language use in specific social settings. Uses videos and Internet resources.

**LING-Z 201 Intermediate Zulu I (3 cr.)** P: Grade of C or higher in Z102 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills of speaking, writing and reading texts. Emphasis on oral and written compositions, reading and listening comprehension, and translation of texts. Description of

cultural events through the use of videos and Internet resources.

**LING–Z 202 Intermediate Zulu II (3 cr.)** P: Grade of C or higher in Z201 or equivalent proficiency. Study of more complex grammatical structures, with emphasis on active skills of speaking, writing, and reading texts. Emphasis on oral and written compositions, reading and listening comprehension, and translation of texts. Description of cultural events through the use of videos and Internet resources.

**LING–Z 301 Advanced Zulu I (3 cr.)** P: Grade of C or higher in Z202 or equivalent proficiency. Study of more complex grammatical structures and more complex contextual discourse patterns. Advanced readings of traditional and modern literature. Advanced oral and written compositions, advanced listening comprehension and translation of complex texts. Uses videos and Internet resources.

**LING–Z 302 Advanced Zulu II (3 cr.)** P: Grade of C or higher in Z301 or equivalent proficiency. Study of more complex grammatical structures and of more complex contextual discourse patterns. Advanced readings of traditional and modern literature. Advanced oral and written compositions, advanced listening comprehension and translation of complex texts. Uses videos and Internet resources.

**LING–A 300 Individual Study of an African Language (1-4 cr.)** Individual study of an African language at the 300 level. May be repeated for a maximum of 12 credit hours.

**LING–A 400 Advanced Individual Study of an African Language (1-4 cr.)** Advanced study of any African language beyond the 300 level. May be repeated for a maximum of 12 credit hours.

## Mathematics

### Introduction

Mathematics explores patterns in numbers, space, nature, music, science, and art. Its precise language facilitates qualitative and quantitative analysis of these patterns, and often connects them with completely unexpected areas of application. A math degree prepares a student for a mathematical research career or for graduate or professional school in statistics, medicine, law, or the natural sciences. Mathematicians work in actuarial science, in education, and in a wide array of government and business-related organizations which seek out creative and disciplined analytic thinkers. Mathematics underpins the natural and life sciences, economics, and computer science, and affords dynamic double-degree opportunities.

The honors course S212 is available for students of outstanding ability (credit for M211 and consent of department required). Particularly well-prepared students may take the accelerated course M213, which covers the material of M211 and M212 in one semester (consent of department required).

### Advanced Placement (AP) Credit

High school students who have taken the CEEB Advanced Placement Program mathematics examinations will

be awarded credit as follows: A score of 4 or 5 on the Calculus AB exam earns a student 4 credits of M211. A score of 4 or 5 on the Calculus BC exam earns a student 4 credits of M211 and 4 credits of M212. Special credit will be awarded with the grade of S.

### Credit by Examination

Credit for M118, M119, M211, M212, and certain other courses may be obtained by passing an examination administered by the mathematics department with a grade of at least a B. Special credit will be awarded with the grade of S.

### Contact Information

Department of Mathematics  
Indiana University  
Rawles Hall 115  
Bloomington, IN 47405

(812) 855-3171  
[mathdept@indiana.edu](mailto:mathdept@indiana.edu)

<http://www.math.indiana.edu/>

## Faculty

### Chairman

- Professor Kevin Zumbrun

### College Professor

- Roger Temam

### William H. Boucher Professor

- Vladimir Touraev

### Professors

- Eric Bedford
- Hari Bercovici
- Richard Bradley
- Mihai Ciucu
- Jiri Dadok
- James Davis
- Vinay Deodhar
- Allan Edmonds
- Marlies Gerber
- Darrell Haile
- David Hoff
- Michael Jolly
- Nets Katz
- Paul Kirk
- Jee Koh
- Michael Larsen
- Charles Livingston
- Valery Lunts
- Russell Lyons
- Larry Moss
- Kent Orr
- Sergey Pinchuk
- Peter Sternberg
- Alberto Torchinsky
- Shouhong Wang
- Kevin Zumbrun

### Associate Professors

- Scott Brown
- Christopher Connell



- David Fisher
- Elizabeth Housworth
- Christopher Judge
- Ayelet Lindenstrauss
- Michael Mandell
- Kevin Pilgrim
- Ji-Ping Sha
- Bruce Solomon
- Matthias Strauch
- Matthias Weber
- William Wheeler

#### Assistant Professors

- Ciprian Demeter
- Matvei Libine

#### Senior Lecturers

- Andrew Dabrowski
- Linda McKinley
- Steve McKinley
- Greg Peters

#### Lecturers

- Greg Kattner
- Norm Levenberg
- Will Orrick
- Tracy Whelan

#### Professors Emeriti

- Goro Azumaya
- Thomas Bagby
- Grahame Bennett
- Rabi Bhattacharya
- John Brothers
- Arlen Brown
- John Challifour
- Ciprian Foias
- Robert Glassey
- Victor Goodman
- Jan Jaworowski
- Andrew Lenard
- Morton Lowengrub
- Robert MacKenzie
- Daniel Maki
- Madan Puri
- Billy Rhoades
- Joseph Stampfli
- Maynard Thompson
- William Ziemer

#### Academic Advising

- Elizabeth Smith, Rawles Hall 125, (812) 855-1589

### Major in Mathematics—B.A.

#### Required Courses

Majors must complete the following:

1. M211–M212, M211–M213, or M211–S212.
2. M301 or M303, and M311.
3. Five additional courses representing at least two of the eight areas of mathematics listed below. Of these, two courses must be 400-level "M" courses. If courses are

chosen from only two areas, the two 400-level "M" courses must occupy distinct areas:

- Algebra and Number Theory: M353, M403, M404, M405, M409, M453
- Analysis: M312, M413, M414, M415
- Applied Mathematics: M348, M371, M447, M448, M451, M471, M472
- Differential Equations: M343, M344, M441, M442
- Geometry and Topology: M321, M420, M435
- Logic: M391, M482
- Mathematics Education and History: T336, M380, T403
- Probability and Statistics: M360, M365, M463, M464, M466

For any mathematics course not listed above, the department will determine whether it will count toward the conditions in number 3.

At most, one course from mathematics education and history may count toward the five required courses.

With approval of the Department of Mathematics, one course outside of mathematics that has significant mathematical content may count toward the five required courses as long as conditions in number 3 are still satisfied. Computer Science C211 or A201 is recommended.

#### Recommendations

In addition to studying mathematics courses, all majors are strongly encouraged to study in depth another discipline that uses mathematics.

Majors are also strongly encouraged to take a computer programming course.

Majors interested in professional work or graduate study should take additional mathematics courses at the 300 and 400 levels.

### Major in Mathematics—B.S.

#### Purpose

The B.S. degree is designed to provide students with an extensive background in mathematics. It provides appropriate training for those students who plan to do graduate work in mathematics (Program I), or in related areas such as astronomy, biology, chemistry, cognitive science, computer science, economics, geology, or physics (Program II).

#### Required Courses

##### Program I

1. Writing, same as B.A. degree.
2. Foreign language, 3 credit hours (or the equivalent) at or above the second-year level.
3. Arts and humanities, two courses; social and historical studies, two courses; natural sciences, fulfilled by major.
4. Concentration requirements, at least 39 credit hours of mathematics, including:
  - M303, M311, and M312
  - at least one of M343 or M365
  - at least one of the sequences M413–M414 or M413–M415

- at least one of the sequences M403–M404, M403–M405, M403–M409, or M403–M453
- two additional courses at the 400- or 500-level excluding M491. M490 may be used with the approval of the director of undergraduate studies

Students are strongly encouraged to take at least one 500-level course in mathematics.

### Program II

1. Writing, same as B.A. degree.
2. Foreign language, 3 credit hours (or the equivalent) at or above the second-year level.
3. Arts and humanities, two courses; social and historical studies, two courses; natural sciences, fulfilled by major.
4. Concentration requirements, at least 33 credit hours of mathematics, including:
  - M301 (or M303), M311, M312, M343, and M344
  - at least one of the sequences M413–M414 or M413–M415
  - at least one of the sequences M441–M442, M463–M464, M463–M466, or M471–M472
5. Computer Science C211 or A201 or another course approved by the mathematics department. This requirement may be waived for students who can demonstrate proficiency in computer programming.
6. Outside concentration: a concentration approved by the department consisting of 9 credit hours in one of the following departments: Astronomy, Biology, Chemistry, Cognitive Science, Computer Science, Economics, Geology, Physics, Statistics, or other departments with approval of the mathematics department.

### Language Recommendations

Students preparing for graduate study in mathematics or a science are strongly encouraged to study French, German, or Russian.

Students must also complete the degree requirements of the College of Arts and Sciences.

## Departmental Honors Program

The honors program of the Department of Mathematics is designed for students with a wide variety of interests and goals. It offers optimal preparation for graduate study and for a career as a professional mathematician. It can be combined with education courses to lead to certification as a secondary school teacher. It prepares those who wish to apply mathematical methods to other fields. The program also includes courses for honors students who are not majoring in science and mathematics.

The program for mathematics majors normally begins with S212. Those who wish to graduate with honors in mathematics are expected to complete courses S303, S311, S312, S403, S413–S414, and at least two 6 credit hour "S" or "M" sequences at the 400 level or above. (S403–S404 may be used to fulfill this requirement.) Students in this program must achieve a minimum grade point average of 3.300 in all of their courses and at least a grade point average of 3.500 in their mathematics courses. Students who successfully complete most of the courses above may petition the department to qualify

for departmental honors. Qualified non-honors students may petition the department to take honors mathematics courses beginning with S303 or S311.

## Minor in Mathematics

### Required Courses

Students must complete at least 16 credit hours that include M212, S212, or M213 as well as at least three courses at the 300 or 400 level. The average grade must be at least 2.000 with no grade lower than C–. Courses selected for the minor must be approved by the director of undergraduate studies. In particular, the courses K300, K305, and K310 cannot be selected for the minor.

### Recommendations

M365 is recommended for business and social science majors. M371 is recommended for computer science majors. M311, M312, and M343 are recommended for physics majors. M311 and M343 are recommended for chemistry majors. M311 and M365 are recommended for biology majors.

## Interdepartmental Major in Mathematics and Economics

### Purpose

The interdepartmental major in Mathematics and Economics is designed to enable students to model economic questions mathematically and to analyze and solve those models.

### Required Courses

Students must meet the following course requirements. Any course may be replaced by the honors equivalent.

1. Economics: E201, E202, E321, E322, and at least three courses numbered above E322, including at least one at the 400 level. E370, E496, and Y398 cannot be used to meet this requirement.
2. Mathematics: M211–M212, or M213, M301 or M303, M311, and at least two courses, including one at the 400 level, from one of the following mathematics areas: analysis (M312, M413, M414, M415, M420); differential equations (M343, M344, M441, M442); applied mathematics (M371, M447, M448, M451, M471, M472); or probability and statistics (M463, M464, M466). For students who qualify for honors, Mathematics S499 may replace the second course in a mathematical area with approval of the Department of Mathematics.
3. Statistics: Economics E370 or Mathematics M365.

### Special Considerations

1. No more than 3 credit hours of Honors Thesis (Economics E499 or Mathematics S499) may be counted toward the major.
2. It is recommended that students planning to pursue a Ph.D. in economics consult with the Department of Economics concerning classes in the areas of analysis, econometrics, and statistics.
3. It is recommended that students in actuarial studies consult the actuarial studies section in Mathematics for recommended course work and consult with the Department of Economics concerning relevant seminar courses.

## B.S. Mathematics/M.S. Secondary Education

In an effort to address the shortage of Indiana high school teachers in certain subjects, the College, in conjunction with the IU School of Education, offers an accelerated five-year program in which students can obtain a B.S. in Mathematics (either Program I or Program II) and an M.S. in Secondary Education and also complete all requirements for State licensure in Secondary Education. Students must begin by pursuing a B. S. Mathematics degree, Program I or Program II. After they have completed a minimum of 90 credit hours in the College of Arts and Sciences and satisfied the fundamental skills, distribution, and major concentration requirements for this B.S. Mathematics major, students may apply up to 32 credit hours earned in the School of Education as College electives. Students must apply and earn admittance to the School of Education's Secondary Transition to Teaching and the Master of Science in Education programs during the fall semester of their senior year. The B.S. requirements must be completed before student teaching begins in the final spring semester of the five-year program. The two degrees (B.S. Mathematics and M.S. Secondary Education) are awarded simultaneously. Students considering this program should seek advising from both the Department of Mathematics and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

## Actuarial Studies

Actuaries use mathematics to determine the financial effect that uncertain future events such as birth, death, retirement, fire, earthquake, accident, and sickness have on insurance and other benefit plans. Actuaries may work for insurance companies, consulting firms, or the benefits departments of general businesses and government agencies. The program of study outlined below combined with a B.A. or B.S. degree in mathematics prepares the graduate for entry into the actuarial profession. The B.S. Program II with a Minor in Economics, or the Interdepartmental Major in Mathematics and Economics, works especially well with actuarial career preparation. For further information, contact the mathematics department's academic advisor in Rawles Hall 115, (812) 855-1589.

To advance in the actuarial profession, one must pass a series of highly challenging examinations given by the Society of Actuaries ([www.soa.org](http://www.soa.org)) or the Casualty Actuarial Society ([www.casact.org](http://www.casact.org)). Passing these examinations requires discipline and additional study beyond Indiana University course work. Actuaries also must be comfortable with the language and substance of a wide range of mathematics, economics, statistics, and finance/accounting to prepare for these exams. An actuary student should aim to pass at least one, and preferably two, of these examinations before graduation. Actuary students who desire a summer internship may benefit from passing the first examination, Exam P, by the summer following their junior year. Internships help assure strong job placement upon graduation and are strongly encouraged. Additionally, an actuary student should take some VEE (Validation by Educational Experience) accredited courses and must receive a grade of B– or better in these courses to earn VEE credit. A list of VEE-accredited courses is available at the Society of Actuaries

Web site and includes several of the courses mentioned below.

M463 covers most of the material for the three-hour Exam P on probability. Students must take M211, M212, M311, and either M301 or M303 as preparation.

Economics E425 covers the syllabus for the 2.5-hour Exam FM on Financial Mathematics, but students must first take E201, E202, and E321 as preparation.

Students pursuing actuarial studies may benefit by taking Accounting A200, Computer Science C211, and Economics E471 and E472. For further advice and information, contact the department's academic advisor in Rawles Hall 125, (812) 855-1589.

## Course Descriptions

**MATH–J 010 Introduction to Algebra (2 cr.)** P: Consent of department. For Groups students only. A review of pre-algebra mathematics. Topics include operations on integers and rational numbers, exponents, evaluating algebraic expressions, and translating English statements into algebraic equations. Emphasis is on problem solving. Credit may not be applied toward a degree. Fulfills no distribution or fundamental skills requirement in the College of Arts and Sciences.

**MATH–M 014 Basic Algebra (4 cr.)** P: One year of high school algebra. Designed to provide algebraic skills needed for future mathematics courses, such as M118 or M119. Operations with fractions, exponents, linear equations, inequalities, elementary graphs. Credit may not be applied toward a degree in the College of Arts and Sciences, the School of Education, the Kelley School of Business, or the School of Public and Environmental Affairs. I Sem., II Sem., SS.

**MATH–X 015 Introductory Algebra (2 cr.)** P: One year of high school algebra. Designed to provide basic algebraic skills needed for the study of higher-level algebra courses such as X019 or M025: linear and quadratic equations, operations on polynomials, graphs of lines. Credit may not be applied toward a degree in the College of Arts and Sciences; the School of Education; the School of Health, Physical Education, and Recreation; the Kelley School of Business; or the School of Public and Environmental Affairs. I Sem., II Sem., SS.

**MATH–M 018 Basic Algebra for Finite Mathematics (2 cr.)** P: One year of high school algebra. Designed to provide algebraic skills needed for the study of finite mathematics: linear equations and inequalities and their graphs, systems of equations, sets, and basic counting. Credit may not be applied toward a degree in the College of Arts and Sciences; the School of Education; the School of Health, Physical Education, and Recreation; the Kelley School of Business; or the School of Public and Environmental Affairs. I Sem., II Sem., SS.

**MATH–M 025 Precalculus Mathematics (3 cr.)** P: Two years of high school algebra or M014, and one year of high school geometry. Designed to prepare students for M119. Algebraic operations; polynomial, exponential, and logarithmic functions and their graphs; conic sections; systems of equations; and inequalities. Credit may not be applied toward a degree in the College of Arts and Sciences; a grade of C– or higher is needed to satisfy the

College of Arts and Sciences mathematics fundamental skills requirement. I Sem., II Sem., SS.

**MATH-M 026 Trigonometric Functions (2 cr.)** P or C: M025 or equivalent. Designed to prepare students for M211. Trigonometric functions; identities. Graphs of trigonometric and inverse trigonometric functions. Credit hours may not be applied toward a degree in the College of Arts and Sciences. I Sem., II Sem., SS.

**MATH-M 027 Precalculus with Trigonometry (4 cr.)** P: Two years of high school algebra or M014, and one year of high school geometry. This course is designed to prepare students for M211 Calculus. The general content of both M025 and M026 is included, with emphasis placed on exponential, logarithmic, and trigonometric functions at a more sophisticated level and pace. Credit may not be applied toward a degree in the College of Arts and Sciences; and a minimum grade of C- is needed to satisfy the College of Arts and Sciences mathematics fundamental skills requirement. Non-College of Arts and Sciences students should see their advisor about appropriate mathematics selection. I Sem., II Sem.

**MATH-T 101 Mathematics for Elementary Teachers I (3 cr.)** P: M014, M018 or a score of at least 10 on the Math Skills Assessment Exam. Elements of set theory, counting numbers. Operations on counting numbers, integers, rational numbers, and real numbers. Only open to elementary education majors. I Sem., II Sem.

**MATH-T 102 Mathematics for Elementary Teachers II (3 cr.)** P: T101 with a grade of C or higher; students may enroll concurrently in T102 and T103 with the approval of a School of Education advisor. Sets, operations, and functions. Prime numbers and elementary number theory. Elementary combinatorics, probability, and statistics. Open only to elementary education majors. I Sem., II Sem.

**MATH-T 103 Mathematics for Elementary Teachers III (3 cr.)** P: T101 with a grade of C or higher; students may enroll concurrently in T102 and T103 with the approval of a School of Education advisor. Descriptions and properties of basic geometric figures. Rigid motions. Axiomatics. Measurement, analytic geometry, and graphs of functions. Discussion of modern mathematics. Only open to elementary education majors. I Sem., II Sem.

**MATH-J 110 Introductory Problem Solving (2 cr.)** P: Two years of high school algebra or permission of department. Emphasizes problem solving and the development of logical reasoning skills. Topics include elementary logic, set theory, measurement of geometric figures, and translating English statements into algebraic equations. Not counted toward any College of Arts and Sciences distribution requirement nor toward the College of Arts and Sciences fundamental skills requirement in mathematics.

**MATH-J 111 Introduction to College Mathematics I (3 cr.)** P: Consent of department. For Groups students only. A review of basic algebra. Not counted toward any College of Arts and Sciences distribution requirement or toward the College of Arts and Sciences fundamental skills requirement in mathematics.

**MATH-J 112 Introduction to College Mathematics II (3 cr.)** P: Consent of department. For Groups students only. A continuation of J111 that includes functions,

exponential functions, and logarithmic functions. Not counted toward any College of Arts and Sciences distribution requirement or toward the College of Arts and Sciences fundamental skills requirement in mathematics.

**MATH-J 113 Introduction to Calculus with Applications (3 cr.)** P: Consent of department. **N & M** For Groups students only. A survey of calculus. J113 can count toward the College of Arts and Sciences fundamental skills requirement in mathematics and the College of Arts and Sciences natural and mathematical sciences distribution requirement for Groups students. Credit not given for both J113 and MATH M119 or both J113 and MATH M211 or M215.

**MATH-D 116 Introduction to Finite Mathematics I (2 cr.)** P: Two years of high school algebra or M014. D116-D117 is a two-course sequence that satisfies the mathematics fundamental skills requirement in the College of Arts and Sciences. Topics for the course are taken from M118. Any requirement of M118 can also be met by D116 and D117 together. Credit not given for D116 until D116 is completed with a minimum grade of C- and D117 is completed with a passing grade. **N & M** distribution credit will be given only upon completion of both D116 and D117. Credit given for only one of the following: the sequence D116-D117 or M118 or A118.

**MATH-D 117 Introduction to Finite Mathematics II (2 cr.)** P: Two years of high school algebra or M014, and D116 with a grade of at least C-. D116-D117 is a two-course sequence that satisfies the mathematics fundamental skills requirement in the College of Arts and Sciences. Topics for the course are taken from M118. Any requirement of M118 can also be met by D116 and D117 together. Credit not given for D116 until D116 is completed with a minimum grade of C- and D117 is completed with a passing grade. **N & M** distribution credit will be given only upon completion of both D116 and D117. Credit given for only one of the following: the sequence D116-D117 or M118 or A118.

**MATH-A 118 Finite Mathematics for the Social and Biological Sciences (3 cr.)** P: Two years of high school algebra or M014. **N & M** Quantitative reasoning (elementary combinatorics and probability; examples of statistical inference), linear modeling, game models of conflict, and methods and theory of social choice. Applications to genetics, medical diagnosis, law, finance, social science research, ecology, and politics. Credit given for only one of A118, M118, or the sequence D116-D117. I Sem., II Sem.

**MATH-M 118 Finite Mathematics (3 cr.)** P: Two years of high school algebra or M014. **N & M** Sets, counting, basic probability, including random variables and expected values. Linear systems, matrices, linear programming, and applications. Credit given for only one of M118, A118, or the sequence D116-D117.

**MATH-S 118 Honors Finite Mathematics (3 cr.)** P: Mastery of two years of high school algebra. **N & M** Designed for students of outstanding ability in mathematics. Covers all material of M118 and additional topics from statistics and game theory. Computers may be used in this course, but no previous experience is assumed. I Sem.

**MATH-M 119 Brief Survey of Calculus I (3 cr.)** P: Two years of high school algebra or M014. **N & M** Introduction to calculus. Primarily for students from business and the social sciences. A student cannot receive credit for more than one of the following: M119, M211, or MATH J113. I Sem., II Sem., SS.

**MATH-M 120 Brief Survey of Calculus II (3 cr.)** P: M119. **N & M** A continuation of M119 covering topics in elementary differential equations, calculus of functions of several variables and infinite series. Intended for non-physical science students. Credit not given for both M212 and M120. I Sem., II Sem., SS.

**MATH-X 201 Transition to Calculus II (1 cr.)** P: B or higher in M119. Provides a transition from M119 to M212. Trigonometric functions and their identities (rapid review), limits, derivatives of trigonometric functions, related rates, implicit differentiation, mean value theorem, L'Hospital's rule, Riemann sums, antiderivatives of trigonometric functions. Credit not given for both M211 and X201. II Sem.

**MATH-M 211 Calculus I (4 cr.)** P: Two years of high school algebra, one year of high school geometry, precalculus math (or its equivalent), and trigonometry; or both M025 and M026 **N & M** Limits, continuity, derivatives, definite and indefinite integrals, applications. A student may receive credit for only one of the following: M119, M211, J113. Credit not given for both M211 and X201. A combination of M119 and X201 is equivalent to M211 as preparation for M212. The combination of J113 and X201 is not advised as preparation for M212. I Sem., II Sem., SS.

**MATH-M 212 Calculus II (4 cr.)** P: M119 and X201, or M211. **N & M** Techniques of integration (by parts, trigonometric substitutions, partial fractions), improper integrals, volume, work, arc length, surface area, infinite series. A student may receive credit for only one of M120 and M212. I Sem., II Sem., SS.

**MATH-S 212 Honors Calculus II (4 cr.)** P: M211 and consent of mathematics department. **N & M** Includes material of M212 and supplemental topics. Designed for students of outstanding ability in mathematics. I Sem.

**MATH-M 213 Accelerated Calculus (4 cr.)** P: Placement by examination. **N & M** Designed for students with one year of calculus in high school. Review of material covered in M211 followed by an intensive study of all material in M212. Students completing M213 with a final grade of A or B may receive credit for M211. Credit not given for both M213 and M212.

**MATH-M 295 Readings and Research (1-3 cr.)** Supervised problem solving. Admission only with permission of a member of the mathematics faculty who will act as supervisor. I Sem., II Sem., SS.

**MATH-S 299 Honors Reading and Research (1-3 cr.)** Supervised problem solving. Admission only with permission of a member of the mathematics faculty who will act as supervisor. I Sem., II Sem., SS.

**MATH-M 301 Linear Algebra and Applications (3 cr.)** P: M212 or both M211 and CSCI C241. R: M212. **N & M** Solving systems of linear equations, matrix algebra, determinants, vector spaces, eigenvalues and eigenvectors. Selection of advanced topics. Applications

throughout. Computer used for theory and applications. Credit not given for both M301 and M303.

**MATH-M 303 Linear Algebra for Undergraduates (3 cr.)** P: M212 or both M211 and CSCI C241. R: M212. **N & M** Introduction to the theory of real vector spaces. Coordinate systems, linear dependence, bases. Linear transformations and matrix calculus. Determinants and rank. Eigenvalues and eigenvectors. Credit not given for both M301 and M303. I Sem., II Sem., SS.

**MATH-S 303 Honors Course in Linear Algebra (3 cr.)** P: Consent of department. **N & M** Honors version of M303. For students with unusual aptitude and motivation. Not open to those who have had M301 or M303. II Sem.

**MATH-K 310 Statistical Techniques (3 cr.)** P: M119 or equivalent. **N & M** Introduction to probability and statistics. Elementary probability theory, conditional probability, independence, random variables, discrete and continuous probability distributions, measures of central tendency and dispersion. Concepts of statistical inference and decision: estimation, hypothesis testing, Bayesian inference, statistical decision theory. Special topics discussed may include regression and correlation, time series, analysis of variance, non-parametric methods. Credit given for only one of K310 or K300, ANTH A306, CJUS K300, ECON E370 or S370, POLS Y395, PSY K300 or K310, SOC S371, STAT K310 or S300, or SPEA K300. I Sem., II Sem.

**MATH-M 311 Calculus III (4 cr.)** P: M212, M213 or consent of department. **N & M** Elementary geometry of 2, 3, and n-space; functions of several variables; partial differentiation; minimum and maximum problems; multiple integration. I Sem., II Sem., SS.

**MATH-S 311 Honors Course in Calculus III (4 cr.)** P: M212 or M213, and consent of department. **N & M** Honors version of M311. For students with unusual aptitude and motivation. Credit not given for both M311 and S311. I Sem.

**MATH-M 312 Calculus IV (3 cr.)** P: M311. Differential calculus of vector-valued functions, transformation of coordinates, change of variables in multiple integrals. Vector integral calculus: line integrals, Green's theorem, surface integrals, Stokes's theorem. Applications. I Sem., II Sem.

**MATH-S 312 Honors Course in Calculus IV (3 cr.)** P: M311 or consent of instructor. For students with unusual aptitude and motivation. Credit not given for both M312 and S312. II Sem.

**MATH-M 321 Intuitive Topology (3 cr.)** P: M212 or consent of instructor. **N & M** Intuitive description of topology, including networks and maps, topological equivalence, classification of surfaces, spheres with handles, knot theory, Jordan curve theorem, transformations, and fixed-point theorems. II Sem.

**MATH-M 330 Exploring Mathematical Ideas (3 cr.)** P: M211 or consent of the department. **N & M** An experimental course to illustrate important ideas in major areas of mathematics, including number theory, group theory, topology, geometry, and probability. Additional topics may include newly emerging fields, such as chaos theory. Does not count toward major requirements.

**MATH-T 336 Topics in Euclidean Geometry (3 cr.)**

P: M212. **N & M** A study of the central aspects of two-dimensional Euclidean geometry from historical and axiomatic points of view as well as through hands-on and/or computer-based explorations of geometric concepts and constructions. I Sem.

**MATH-M 343 Introduction to Differential Equations with Applications I (3 cr.)**

P: M212. **N & M** Ordinary differential equations and methods for their solution, including series methods and the Laplace transform. Applications of differential equations. Systems, stability, and numerical methods. Partial differential equations of mathematical physics, Fourier series. M343, I Sem., II Sem., SS; M344, II Sem.

**MATH-M 344 Introduction to Differential Equations with Applications II (3 cr.)**

P: M301 or M303, and M343. **N & M** Ordinary differential equations and methods for their solution, including series methods and the Laplace transform. Applications of differential equations. Systems, stability, and numerical methods. Partial differential equations of mathematical physics, Fourier series. M343, I Sem., II Sem., SS; M344, II Sem.

**MATH-S 343 Honors Course in Differential Equations (3 cr.)**

P: M212 and consent of department. **N & M** Introduction, with historical examples, first order ordinary differential equations (ODEs) and applications, second order linear ODEs, linear ODEs of higher order, series solutions to linear ODEs, and numerical methods for ODEs. In addition, some theoretical aspects will be studied in detail such as the Picard existence/uniqueness theorem for initial-value problems, convergence of series solutions, and the matrix exponential  $\exp(tA)$ .

**MATH-S 344 Honors Course in Differential Equations II (3 cr.)**

P: S343 or M343, M212, M301 or M303, and consent of the department. **N & M** Covers the topics of M344, in addition to more theoretical material, which may include topics such as the uniqueness theorem for the inversion of the Laplace transform, introduction to the theory of distributions, derivation of the heat and wave equations, eigenvalues of Sturm-Liouville boundary problems, and oscillation theory applied to special functions. Meets with M344, and the additional material will be incorporated in weekly homework sets. Exams will include some of this additional material.

**MATH-M 348 Discrete Mathematical Models (3 cr.)**

P: M118 or equivalent. **N & M** Introduction to the development and use of discrete mathematical models in the social, life, and management sciences; emphasis on models involving Markov chains, game theory, graph theory, and evolutionary systems.

**MATH-M 353 Discrete Mathematics (3 cr.)**

P: MATH M212 or permission of instructor. Covers fundamental topics chosen from enumerative combinatorics and graph theory. Possible topics include permutations, combinations, pigeonhole principle, inclusion-exclusion, generating functions, recurrence relations, Pólya theory, spanning trees, Eulerian paths, Ramsey theory, graph coloring, flow problems, Hamiltonian paths and cycles, electrical networks, random graphs.

**MATH-M 365 Introduction to Probability and Statistics (3 cr.)** P: M212. **N & M** Elementary concepts of probability and statistics. Combinatorics, conditional probability,

independence, random variables, discrete and continuous distributions, moments. Statistical inference, point estimation, confidence intervals, test of hypotheses. Applications to social, behavioral, and natural sciences. Credit not given for both M365 and M360. The sequence M365-M366 is not recommended. I Sem., II Sem., SS.

**MATH-M 371 Elementary Computational Methods (3 cr.)**

P: M212. **N & M** Some computer programming experience is helpful, but not required. Interpolation and approximation of functions, solution of equations, numerical integration and differentiation. Errors, convergence, and stability of the procedures. Students write and use programs applying numerical methods.

**MATH-M 380 History of Mathematics (3 cr.)**

P: M212. Brief study of the development of algebra and trigonometry; practical, demonstrative, and analytic geometry; calculus, famous problems, calculating devices; famous mathematicians and chronological outlines in comparison with outlines in the sciences, history, philosophy, and astronomy.

**MATH-M 384 Modal Logic (3 cr.)**

P: P250, and one 300-level mathematics course, or consent of the instructor. **N & M** Introduction to modal logic with emphasis on systems of modal logic which apply to philosophy and computer science. Includes epistemic logic, temporal logic, deontic logic, and logics for reasoning about space. Covers the semantics of these systems, and only secondarily will be concerned with the standard results about them.

**MATH-M 385 Mathematics from Language (3 cr.)**

P: M118 or equivalent. **N & M** Discrete mathematics. Topics in math motivated by linguistics, chosen from formal approaches to syntax and semantics, and from statistical and computational linguistics.

**MATH-M 391 Introduction to Mathematical Reasoning (3 cr.)**

P: M212 or both M211 and CSCI C241. R: M212. **N & M** Elementary logic, techniques of proof, basic set theory, functions, relations, binary operations, number systems, counting. Bridges the gap between elementary and advanced courses. Recommended for students with insufficient background for 400-level courses and for students in education. Not open to students who have received credit for M403, M413, or M420.

**MATH-Y 398 Internship in Professional Practice**

**(1-3 cr.)** P: Approval of Department of Mathematics. S/F grading. Professional work experience involving significant use of mathematics or statistics. Evaluation by employer and Department of Mathematics. Does not count toward major requirements. May be repeated once with approval of Department of Mathematics for a total of 6 credits.

**MATH-M 403 Introduction to Modern Algebra I (3 cr.)**

P: M301 or M303. Study of groups, rings, field extensions, with applications to linear transformations. M403, I Sem.; M404, II Sem.

**MATH-M 404 Introduction to Modern Algebra II (3 cr.)**

P: M301 or M303. Study of groups, rings, field extensions, with applications to linear transformations. M403, I Sem.; M404, II Sem.

**MATH-S 403 Honors Course in Modern Algebra I (3 cr.)**

P: S303. For students of outstanding ability in

mathematics. Theory of groups, rings, integral domains, fields, and modules. S403, I Sem.; S404, II Sem.

**MATH-S 404 Honors Course in Modern Algebra II (3 cr.)** P: S303. For students of outstanding ability in mathematics. Theory of groups, rings, integral domains, fields, and modules. S403, I Sem.; S404, II Sem.

**MATH-T 403 Modern Algebra for Secondary Teachers (3 cr.)** P: M301 or M303, and M391. Introduction to the basic concepts of groups, rings, and fields with an emphasis on the theory of equations as it underlies the basic ideas of high school algebra. I Sem.

**MATH-M 405 Number Theory (3 cr.)** P: M212. Numbers and their representation, divisibility and factorization, primes and their distribution, number theoretic functions, congruences, primitive roots, diophantine equations, quadratic residues, sums of squares.

**MATH-M 409 Linear Transformations (3 cr.)** P: M301 or M303. The study of linear transformations on a finite dimensional vector space over the complex field. Canonical forms, similarity theory; inner products and diagonalization of normal transformations.

**MATH-M 413 Introduction to Analysis I (3 cr.)** P: M301 or M303, and M311, or consent of instructor. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics. M413, I Sem.; M414, II Sem.

**MATH-M 414 Introduction to Analysis II (3 cr.)** P: M301 or M303, and M311, or consent of instructor. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics. M413, I Sem.; M414, II Sem.

**MATH-S 413 Honors Course in Analysis I (3 cr.)**  
P: S312 or consent of instructor. Differentiable transformations defined on Euclidean space, inverse and implicit function theorems. Lebesgue integration over Euclidean space and transformation of integrals. Exterior algebra, measure and integration on manifolds. Stokes's theorem. Closed and exact forms. S413, I Sem.; S414, II Sem.

**MATH-S 414 Honors Course in Analysis II (3 cr.)**  
P: S312 or consent of instructor. Differentiable transformations defined on Euclidean space, inverse and implicit function theorems. Lebesgue integration over Euclidean space and transformation of integrals. Exterior algebra, measure and integration on manifolds. Stokes's theorem. Closed and exact forms. S413, I Sem.; S414, II Sem.

**MATH-M 415 Elementary Complex Variables with Applications (3 cr.)** P: M311. Algebra and geometry of complex numbers, elementary functions of a complex variable, power series, integrations, calculus of residues, conformal mapping. Application to physics. II Sem.

**MATH-M 420 Metric Space Topology (3 cr.)** P: M301 or M303. Topology of Euclidean and metric spaces. Limits and continuity. Topological properties of metric spaces, including separation properties, connectedness, and compactness. Complete metric spaces. Elementary general topology.

**MATH-M 435 Introduction to Differential Geometry (3 cr.)** P: M301 or M303, and M311. An introduction to the

geometry of curves and surfaces. Topics will include arc length, torsion, Frenet formulae, metrics, curvatures, and classical theorems in these areas.

**MATH-M 441 Introduction to Partial Differential Equations with Applications I (3 cr.)** P: M301 or M303, M311, and M343. Derivation and methods of solution of classical partial differential equations of mathematical physics: heat, wave, and Laplace equations. Separation of variables, Fourier series, Sturm-Liouville theory, special functions, Green's functions, Fourier transform, first order equations, characteristics and special topics. M441, I Sem.; M442, II Sem.

**MATH-M 442 Introduction to Partial Differential Equations with Applications II (3 cr.)** P: M301 or M303, M311, and M343. Derivation and methods of solution of classical partial differential equations of mathematical physics: heat, wave, and Laplace equations. Separation of variables, Fourier series, Sturm-Liouville theory, special functions, Green's functions, Fourier transform, first order equations, characteristics and special topics. M441, I Sem.; M442, II Sem.

**MATH-M 447 Mathematical Models and Applications I (3 cr.)** P: M301 or M303, M311, M360 or M365, which may be taken concurrently, or consent of instructor. Formation and study of mathematical models used in the biological, social, and management sciences. Mathematical topics include games, graphs, Markov and Poisson processes, mathematical programming, queues, and equations of growth. M447, I Sem.; M448, II Sem.

**MATH-M 448 Mathematical Models and Applications II (3 cr.)** P: M301 or M303, M311, M360 or M365, which may be taken concurrently, or consent of instructor. Formation and study of mathematical models used in the biological, social, and management sciences. Mathematical topics include games, graphs, Markov and Poisson processes, mathematical programming, queues, and equations of growth. M447, I Sem.; M448, II Sem.

**MATH-M 451 The Mathematics of Finance (3 cr.)**  
P: M311 and M365. R: M343. Course covers probability theory, Brownian motion, Ito's Lemma, stochastic differential equations, and dynamic hedging. These topics are applied to the Black-Scholes formula, the pricing of financial derivatives, and the term theory of interest rates.

**MATH-M 453 Cryptography (3 cr.)** P: M301 or M303.  
**N & M** The course covers encryption and decryption in secure codes. Topics include cryptosystems and their cryptanalysis, Data Encryption Standard, cryptanalysis, Euclidean algorithm, Chinese remainder theorem, RSA cryptosystem, primality testing, factoring algorithms, El Gamal cryptosystem, discrete log problem, other public key cryptosystems, signature schemes, hash functions, key distribution and key agreement.

**MATH-M 455 Quantum Computing I (3 cr.)** P: M118, M211, and M303, or consent of instructor. Covers the interdisciplinary field of quantum information science and aims at senior undergraduate and graduate students majoring in computer science, physics, mathematics, philosophy, and chemistry. Quantum information science is the study of storing, processing, and communicating information using quantum systems. Cross-listed as PHYS P455. Credit given for only one of M455 and PHYS P455.

**MATH–M 456 Quantum Computing II (3 cr.)** P: M118, M211, M303, and M455, or consent of instructor. Covers the interdisciplinary field of quantum information science and aims at senior undergraduate and graduate students majoring in computer science, physics, mathematics, philosophy, and chemistry. Quantum information science is the study of storing, processing, and communicating information using quantum systems. Cross-listed as PHYS P456. Credit given for only one of M456 and PHYS P456.

**MATH–M 463 Introduction to Probability Theory I (3 cr.)** P: M301 or M303, and M311. The meaning of probability. Random experiments, conditional probability, independence. Random variables, expected values and standard deviations, moment generating functions. Important discrete and continuous distributions. Poisson processes. Multivariate distributions, basic limit laws such as the central limit theorem. I Sem.

**MATH–S 463 Honors Course in Probability Theory I (3 cr.)** P: M303 and M311. Honors version of M463. For students of outstanding ability in mathematics. I Sem.

**MATH–M 464 Introduction to Probability Theory II (3 cr.)** P: M463. Conditional distributions and expectation, linear and nonlinear regression; simple stochastic processes: Poisson process, process with independent increments, random walk, Markov chain with finite state space; information theory. II Sem.

**MATH–S 464 Honors Course in Probability Theory II (3 cr.)** P: S463 or consent of instructor. Honors version of M464. For students of outstanding ability in mathematics.

**MATH–M 466 Introduction to Mathematical Statistics (3 cr.)** P: M463 or consent of instructor. Rigorous mathematical treatment of problems in sampling and statistical inference. Possible topics include sufficient statistics, exponential distributions, monotone likelihood ratio, most powerful tests, minimum variance estimates, shortest confidence intervals, linear models, maximum likelihood, simultaneous equations, the relationship of theory to practice. II Sem.

**MATH–M 471 Numerical Analysis I (3 cr.)** P: M301 or M303, M311, M343, and knowledge of a computer language such as FORTRAN, C, C++, etc. (Students with other programming backgrounds should consult the instructor.) Interpolation and approximation of functions, numerical integration and differentiation, solution of nonlinear equations, acceleration and extrapolation, solution of systems of linear equations, eigenvalue problems, initial and boundary value problems for ordinary differential equations, and computer programs applying these numerical methods. M471, I Sem.; M472, II Sem.

**MATH–M 472 Numerical Analysis II (3 cr.)** P: M301 or M303, M311, M343, and knowledge of a computer language such as FORTRAN, C, C++, etc. (Students with other programming backgrounds should consult the instructor.) Interpolation and approximation of functions, numerical integration and differentiation, solution of nonlinear equations, acceleration and extrapolation, solution of systems of linear equations, eigenvalue problems, initial and boundary value problems for ordinary differential equations, and computer programs applying these numerical methods. M471, I Sem.; M472, II Sem.

**MATH–M 482 Mathematical Logic (3 cr.)** Construction and study of formal mathematical languages. Definitions of, and relationships between, the notions of “truth” and “probability” of a formal sentence. Capabilities and limitations of first-order languages. Alternative formal systems. Introductions to model theory and the decision problem. Additional topics chosen by the instructor.

**MATH–M 490 Problem Seminar (3 cr.)** P: M301 or M303, M413 (M413 may be concurrent), and consent of the instructor. Introduction to research techniques for advanced undergraduate and beginning graduate students, based on problems from parts of the regular curriculum, such as linear algebra, topology, probability, and analysis. Emphasis will be on problems of both current and historical interest but usually not in the standard literature.

**MATH–M 491 Putnam Exam Seminar (1 cr.)** P: Approval of the director of undergraduate studies. The Putnam Examination is a national mathematics competition for college undergraduates at all levels of study. It is held in December each year. This problem seminar is designed to help students prepare for the examination. May be repeated twice for credit.

**MATH–S 499 Reading for Honors (1-12; max. 12 cr.)** P: Approval of departmental honors committee. I Sem., II Sem., SS.

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## Medieval Studies

### Introduction

The Medieval Studies Institute (MEST) offers an undergraduate minor and a certificate. Students may elect to choose one of these options but not both. The program is organized around an interdisciplinary approach to the study of the Middle Ages. Students who are interested in the minor, in the certificate, or in receiving additional information regarding the Institute's events and announcements should consult its Web site, [www.indiana.edu/~medieval](http://www.indiana.edu/~medieval), or contact the Medieval Studies Institute, Ballantine Hall 650, (812) 855-8201, [mest@indiana.edu](mailto:mest@indiana.edu).

### Contact Information

The Medieval Studies Institute  
Indiana University  
Ballantine Hall 650  
Bloomington, IN 47405-7005  
(812) 855-8201

[mest@indiana.edu](mailto:mest@indiana.edu)

[www.indiana.edu/~medieval](http://www.indiana.edu/~medieval)

## Faculty

### Core Faculty

#### Director

- Professor Rosemarie McGerr

#### Chancellor's Professors

- Judith Anderson (English)
- Robert Fulk (English)



**Distinguished Professor**

- Thomas J. Mathiesen (Jacobs School of Music)

**Professors**

- David Brakke (Religious Studies)
- Jamsheed Choksy (Central Eurasian Studies)
- Kari Gade (Germanic Studies)
- Wendy Gillespie (Jacobs School of Music)
- Hildegard Keller (Germanic Studies)
- Karma Lochrie (English, Gender Studies)
- Jacques Merceron (French and Italian)
- Emanuel Mickel, Jr. (French and Italian)
- H. Wayne Storey (French and Italian)

**Associate Professors**

- Bridget K. Balint (Classical Studies)
- Patricia Ingham (English)
- Paul Losensky (Comparative Literature, Near Eastern Languages and Cultures, Central Eurasian Studies)
- Rosemarie McGerr (Comparative Literature)
- Diane Reilly (History of Art)
- Leah Shopkow (History)
- Joel Silver (Lilly Library)
- Edward Watts (History)

**Assistant Professors**

- Deborah Deliyannis (History)
- Shannon Gayk (English)

**Affiliated Faculty****Professors**

- Asma Afsaruddin (Near Eastern Languages and Cultures)
- Christopher Beckwith (Central Eurasian Studies)
- Henry Cooper (Slavic Languages and Literatures)
- Paul Elliot (Early Music Institute)
- J. Albert Harrill (Ancient Studies)
- Olga Impey (Spanish and Portuguese)
- Mark Kaplan (Philosophy)
- Eleanor Leach (Classical Studies)
- Fedwa Malti-Douglas (Comparative Literature, Gender Studies)
- William Newman (History and Philosophy of Science)
- Timothy O'Connor (Philosophy)
- Kemal Silay (Near Eastern Languages and Cultures, Central Eurasian Studies)
- Paul Spade (Philosophy)
- Suzanne Stetkevych (Near Eastern Languages and Cultures)

**Associate Professors**

- Christopher Atwood (Central Eurasian Studies)
- Sarah Bassett (Art History)
- Ann Carmichael (History, History and Philosophy of Science)
- Arthur Field (History)
- Constance Furey (Religious Studies)
- Kevin Jaques (Religious Studies)
- Thomas Keirstead (East Asian Languages and Cultures)
- Massimo Scalabrini (French and Italian)

- Eliot Sperling (Central Eurasian Studies)
- Barbara Vance (French and Italian)

**Distinguished Professors Emeriti**

- Edward Grant (History, History and Philosophy of Science)
- Denis Sinor (Central Eurasian Studies)

**Professors Emeriti**

- Salih Altoma (Near Eastern Languages and Cultures)
- Theodore Andersson (Germanic Studies)
- Frank Banta (Germanic Studies)
- Luis Beltran (Comparative Literature, Spanish and Portuguese)
- Lawrence Clopper (English)
- Alfred David (English)
- Jeffrey Huntsman (English)
- W. Eugene Kleinbauer (History of Art)
- Sheila Lindenbaum (English)
- Consuelo López-Morillas (Spanish and Portuguese)
- Samuel N. Rosenberg (French and Italian)
- William Shetter (Germanic Studies)
- Paul Strohm (English)
- Ian Thomson (Classical Studies)
- Stephen Wailes (Germanic Studies)

**Academic Advising**

- Rosemarie McGerr, Ballantine Hall 902, 855-7627

**Minor in Medieval Studies****Required Courses**

Students must complete 15 credit hours from at least three departments in the College of Arts and Sciences. At least two courses must be at the 300 level or above, and no more than one course can be at the 100 level. Eligible courses will be certified by the Institute; students should consult with the director to confirm that the courses selected are eligible for credit.

**Area Certificate in Medieval Studies****Purpose**

The certificate is designed for undergraduates interested in the medieval period within their own areas of specialization who are seeking additional training in preparation for graduate work. The program also provides students majoring in the sciences, social sciences, and business with the opportunity to take a broad range of courses in the humanities and yet maintain focus in their work. A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major.

**Required Courses**

Students must complete a minimum of 24 credit hours from at least three departments, including:

1. 6 credit hours of language specifically used during the Middle Ages, including courses above the 100 level in Arabic, Greek, Hebrew, Italian, Latin, Old English, Old Icelandic, Old Norse, Old Provençal (through the Institute), and Persian.
2. A historical survey.
3. 15 credit hours of electives, chosen either from the Institute's offerings or from those of participating departments approved by the director of the Institute.

4. At least two courses must be at the 300 level or above, and no more than one course can be at the 100 level.

## Course Descriptions

### **MEST–M 200 Medieval Cultures (3 cr.) A & H, CSA**

Introduction to medieval cultures and life. May be repeated once with a different topic for a maximum of 6 credit hours.

**MEST–M 250 Medieval Italy (3 cr.) A & H, CSA** The cultural, political and artistic formation of Italy from third-century Rome to fourteenth-century Florence. Examines the role of family ties, the state, political party, and the church, as well as the effects of financial interests, class, language, education, and gender in the formation of identity from Milan and Venice to Arabic and Norman Sicily.

### **MEST–M 260 Medieval Provence (3 cr.) A & H, CSA**

The historical, cultural, and linguistic traditions of medieval Provence from the dissolution of the Roman Empire through the sixteenth century and the effects of this culture on medieval and Renaissance Italy and Spain.

### **MEST–M 390 Studies in Medieval Culture (3-4 cr.)**

**CSA** Examination and evaluation of various aspects, periods, and manifestations of medieval civilization. Study will be interdisciplinary, focusing on such subjects as Jews, Muslims, and Christians in the Middle Ages; the Carolingian Renaissance; multicultural Provence and its diaspora. May be repeated with a different topic for a maximum of 8 credit hours.

### **MEST–M 490 Topics in Medieval Studies (2-4 cr.)**

Exploration of a medieval topic, such as social history through literary texts, written and visual texts, centers of Western medieval culture, critical trends in medieval studies. Readings in English. May be repeated with a different topic for a maximum of 8 credit hours.

## Near Eastern Languages and Cultures

### Introduction

The Department of Near Eastern Languages and Cultures (NELC) offers a major leading to the B.A. degree and minors in Arabic, Persian, Islamic Studies, and Near Eastern Civilization. Courses are also available to students in other disciplines who wish to acquire a working knowledge of a Near Eastern language or satisfy a foreign language requirement. Courses in Near Eastern literatures and cultures, many of which are open to students with no knowledge of these languages, may be used in conjunction with other disciplines such as linguistics, English, comparative literature, and folklore to satisfy distribution requirements. All courses can also be taken as electives.

### Contact Information

Near Eastern Languages and Cultures  
Indiana University  
102, Goodbody Hall  
Bloomington, IN 47405-7005

(812) 855-5993  
[nelc@indiana.edu](mailto:nelc@indiana.edu)

<http://www.indiana.edu/~nelc/>

## Faculty

### Chairperson

- Professor M. Nazif Shahrani

### College Professor

- Henry Glassie (Emeritus, Folklore and Ethnomusicology)

### Professors

- Asma Afsaruddin
- Salman Al-Ani
- Salih Altoma (Emeritus)
- Devin DeWeese (Central Eurasian Studies)
- Hasan El-Shamy (Folklore and Ethnomusicology)
- John Hanson (African Studies, History)
- Stephen Katz (Jewish Studies)
- W. Eugene Kleinbauer (Emeritus, Fine Arts)
- Consuelo López-Morillas (Emerita, Spanish and Portuguese)
- Thomas J. Mathiesen (Distinguished Professor of Musicology, Jacobs School of Music)
- Christine Ogan (School of Journalism)
- Karen Rasler (Political Science)
- M. Nazif Shahrani (Central Eurasian Studies, Anthropology)
- Suzanne Stetkevych
- Ruth Stone (Folklore and Ethnomusicology)
- John Walbridge

### Associate Professors

- Jane Goodman (Communication and Culture)
- Matthias Lehmann (History)
- Paul Losensky (Central Eurasian Studies)
- Herbert Marks (Comparative Literature)
- Stephen Vinson

### Assistant Professors

- Erdem Çipa (Central Eurasian Studies)
- Christiane Gruber (Fine Arts)
- Kevin Martin
- Abdulkader Sinno (Political Science)

### Senior Lecturer

- Cigdem Balim-Harding

### Lecturer

- Zainab S. Istrabadi

### Undergraduate and Honors Advisor

- Matthew Colglazier, Ballantine 437, (812) 855-6263

## Major in Near Eastern Languages and Cultures

### Purpose

The major is designed to provide basic training in the languages of the Near East and to introduce students to Near Eastern cultures.

### Required Courses

Students must select either the Language Track or the Culture Track. Students must complete a minimum of 25 credit hours in department-approved courses. Students with language proficiency who are not eligible for special credit in the major language will need to take department-approved advanced language courses or additional culture courses to meet the 25 credit hour minimum required for the major.

### Language Track (Arabic, Hebrew, or Persian)

1. Three years of Arabic, Hebrew, or Persian language (or the equivalent).
2. Five additional courses (minimum of 15 credit hours) chosen with the consent of the undergraduate advisor.

### Culture Track

1. Two years of Arabic, Hebrew, Persian, or Turkish language (or the equivalent).
2. Seven additional courses (minimum of 21 credit hours) chosen with the consent of the undergraduate advisor.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Related Fields

Anthropology, Central Eurasian studies, classics, comparative literature, economics, fine arts, folklore, gender studies, geography, history, history of art, Jewish studies, linguistics, philosophy, political science, religious studies, and sociology.

## Minor in Near Eastern Languages and Cultures

The Department of Near Eastern Languages and Cultures offers a minor in six different tracks: Arabic, Kurdish, Persian, Turkish, Islamic Studies, and Near Eastern Civilization.

### Required Courses

15 credit hours are required for each minor track in the Department of Near Eastern Languages and Cultures. The minor is to be completed with a minimum average grade of C+.

1. 9 credit hours must be taken in the Department of Near Eastern Languages and Cultures or relevant courses in affiliated departments on the Bloomington campus. Up to 6 credit hours of transfer or foreign-study credits can be accepted for a minor in Near Eastern Languages and Cultures, with the approval of the undergraduate advisor. College of Arts and Sciences Topics courses taught by NELC faculty can count toward the minor in Near Eastern Languages and Cultures.
2. For the minor tracks in Arabic, Kurdish, Persian, and Turkish, two courses are required in the appropriate language. **Note:** This requirement

cannot be satisfied through testing. For complete information regarding credit in beginning foreign language courses, consult the "Foreign Language" section of this *Bulletin*. In addition, at least 3 credit hours are required in a course related in content to the student's primary language of study but not a language course per se.

3. For the minor tracks in Islamic studies and Near Eastern civilization, students will take 15 credit hours, selected from the broad array of departmental courses.

Each student's course work must be approved by the department's undergraduate advisor.

## Departmental Honors Program

The departmental honors program is designed to provide outstanding students with an in-depth training in Arabic, Hebrew, Persian, or Turkish. Such students are encouraged to enroll in this program in their junior or senior year. Honors students must complete a minimum of two courses: N399 Reading for Honors (3 cr.) and N499 Honors Thesis (3 cr.). Students interested in enrolling in N399 should consult the director of undergraduate studies. In N399 students do advanced readings in Arabic, Persian, or Turkish in preparation for work on a research project. N499 involves a research project leading to the completion of the student's honors thesis. This course should be taken under the supervision of the faculty tutor who guided the student in N399.

## Course Descriptions

### Arabic Language

**NELC–A 100 Elementary Arabic I (4 cr.)** Modern standard Arabic as in contemporary literature, newspapers, and radio. Grammar, reading, dictation, composition, penmanship, conversation, translation. I Sem.

**NELC–A 150 Elementary Arabic II (4 cr.)** Modern standard Arabic as in contemporary literature, newspapers, and radio. Grammar, reading, dictation, composition, penmanship, conversation, translation. II Sem.

**NELC–A 160 First-Year Arabic (4 cr.)** For students with prior knowledge of Arabic whose scores on the placement test do not place them into second-year Arabic. Covers the grammar and vocabulary of Elementary Arabic I and II (A100 and A150) in one semester.

**NELC–A 200 Intermediate Arabic I (3 cr.)** P: A100-A150. Grammar, reading, composition, conversation, and translation, using materials from medieval classical and modern literary Arabic. A200, I Sem.

**NELC–A 250 Intermediate Arabic II (3 cr.)** P: A100-A150. Grammar, reading, composition, conversation, and translation, using materials from medieval classical and modern literary Arabic. A250, II Sem.

**NELC–A 300 Advanced Arabic I (3 cr.)** P: Consent of department. Continuation of A200-A250. A300, I Sem.; A350, II Sem.

**NELC–A 350 Advanced Arabic II (3 cr.)** P: Consent of department. Continuation of A200-A250. A300, I Sem.; A350, II Sem.

**NELC–A 310 Arabic Dialects I (3 cr.)** P: A200 or N182. Focuses on a particular regional dialect (Egyptian, Iraqi, North African), teaching students to speak the everyday language. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–A 320 Arabic Dialects II (3 cr.)** P: A310 or equivalent. Language course which focuses on a particular regional dialect (Egyptian, Iraqi, North African) and teaches students to speak the everyday language. May be repeated with a different language for a maximum of 6 credit hours.

**NELC–A 400 Advanced Arabic III (3 cr.)** P: A350 with a grade of B or higher. An advanced Arabic language course which builds on the student's knowledge of Arabic structures and vocabulary, aiming for higher proficiency in stylistic differences and usage.

**NELC–A 450 Advanced Arabic IV (3 cr.)** P: A400 with a grade of B or higher. An advanced Arabic language course which builds on the student's knowledge of Arabic structures and vocabulary, aiming for higher proficiency in stylistic differences and usage.

**NELC–N 223 Conversational Arabic (3 cr.)** Formal spoken or "polite" Arabic, with attention to divergences in Arabic dialects.

**NELC–N 255 Multimedia Arabic (3 cr.)** P: A200. Modern literary Arabic as found in newspapers, magazines, television, and radio will be the main source of material for this course. Focuses on speaking, reading, and vocabulary in this genre. Language laboratory materials, computer programs, and SCOLA will be utilized.

**NELC–N 310 Arabic Composition (3 cr.)** P: A100-A150. Readings from Arabic essayists and practice in writing of essays.

**NELC–N 312 Arabic Grammar (3 cr.)** P: A100-A150, A200, or consent of instructor This course will present, in Arabic, the principal features of traditional classical Arabic grammar. A treatise on Arabic grammar will be utilized to constitute a base and guide for student reading.

**NELC–N 324 Introduction to Arabic Linguistics (3 cr.)** Concise history and description of the structure of Arabic. Special emphasis on the written and selected spoken varieties of modern Arabic phonology, grammar, and basic vocabulary.

**NELC–N 329 Arabic Phonetics and Phonology (3 cr.)** Systematic study of Arabic phonetics/phonology utilizing scientific phonetics both practical and theoretical and the phonological processes of generative phonological theory.

**NELC–N 393 Individual Readings in Classical Arabic (1-6 cr.)** Linguistic and literary analysis of selected classical Arabic texts.

**NELC–N 394 Individual Readings in Modern Arabic (1-6 cr.)** Linguistic and literary analysis of selected modern Arabic texts.

**NELC–N 398 Individual Readings in Arabic Language and Linguistics (1-6 cr.)** Focuses on reading and analyzing materials in the fields of Arabic language and linguistics. Students may register to research certain aspects of these fields that are not covered by the regular

sequence of departmental courses. May be repeated for a maximum of 6 credit hours.

### Kurdish Language

**NELC–K 100 Introduction to Kurdish I (4 cr.)** Basic communication skills in Kurdish taught using the Kurmanji Kurdish dialect. Functional knowledge of sentence structures and vocabulary.

**NELC–K 150 Introduction to Kurdish II (4 cr.)** P: K100 or equivalent proficiency. A continuation of K100. Familiarity with the grammar of Kurmanji Kurdish will be strengthened through readings, conversation, and an introduction to Kurdish music, literature, and popular culture.

**NELC–K 200 Intermediate Kurdish I (3 cr.)** P: K150 or equivalent proficiency. A continuation of the basic skills taught in K100 and K150 with the aim of expanding vocabulary and functional grammatical knowledge.

**NELC–K 250 Intermediate Kurdish II (3 cr.)** P: K200 or equivalent proficiency. Building upon the foundational skills developed in previous semesters, students continue to solidify their command of vocabulary and their knowledge of grammar.

### Persian Language and Literature

**NELC–P 360 Topics in Studies of Iranian Languages (3 cr.)** An introduction to selected works of Iranian languages in relation to social history and religious and political developments. Topics will vary from semester to semester. May be taken for a total of 9 credit hours with different topics.

**NELC–P 365 Introduction to Persian Literature in Translation (3 cr.) A & H** Intended to provide coverage of the development of Persian literature from its earliest stages in the tenth century A.D. to the present. Although the course covers a broad period of about 1,000 years, it does so in a general way and seeks to provide background information for students who may have an interest in Persian literature.

**NELC–N 240 Directed Readings in Persian Language (1-4 cr.)** Readings in Persian texts selected in accordance with the student's level and interest. May be repeated for a maximum of 8 credit hours.

**NELC–N 380 Topics in Persian Literature in Translation (3 cr.) A & H, CSA** Study and analysis of selected readings from Persian literature in English translation. May concentrate on a particular theme, period, or author. Special attention paid to the historical and cultural contexts of the works, as well as problems in translation, critical analysis, and interpretation. May be repeated with a different topic for a maximum of 6 credit hours in N380, CEUS R354, and CEUS U372.

**NELC–N 385 Persian Mystical Literature in Translation (3 cr.) A & H, CSA** Examines the Persian literature of Islamic mysticism in English translation. Following an introduction to the history and doctrines of Sufism, the class will turn to detailed readings and discussions of works in several prose and poetic genres: hagiographic biography, allegorical epic, mystical lyric, and gnostic meditation.

**History, Civilization, Literature, and Religion**

**NELC–N 122 U.S. Foreign Policy and the Muslim World (3 cr.) S & H** An introduction to some salient debates that shape American foreign policy toward the Middle East and the Muslim world today.

**NELC–N 203 Topics in Middle Eastern History (3 cr.) S & H** Studies of a particular theme or topic in Middle Eastern history. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 204 Topics in Middle Eastern Culture and Society (3 cr.) S & H** Analysis of selected Middle Eastern cultural or social issues. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**NELC–N 205 Topics in Middle Eastern Literature (3 cr.) A & H** Selected works of Middle Eastern literature in relation to a single cultural problem or theme. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**NELC–N 207 Topics in Islamic Studies (3 cr.)** Studies of particular topics or themes in Islamic thought and practice. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 208 Muslim Communities in Europe and the U.S.: Transnational Islam (3 cr.) S & H, CSA** An interdisciplinary survey course about the social and cultural aspects of the contemporary Muslim communities in Europe and the United States, with stress on the transnational character of these immigrant communities.

**NELC–N 212 Contemporary Literatures of the Middle East (in English Translation) (3 cr.) A & H, CSA** An introduction to contemporary literature of the Middle East (in English translation) and to the main concepts and approaches used in academic discourse on literary analysis. Offers insight into the cultures, lives, and issues of the peoples of the Middle East.

**NELC–N 220 Muhammad: Life of the Prophet (3 cr.) S & H, CSA** Study, from an historical perspective, of the career of the prophet of Islam, Muhammad b. Abd Allah, from pre-Islamic times through his call to prophethood; his campaigns against the opposition; the establishment of the Muslim community at Medinah; the conquest of Mecca; and his death.

**NELC–N 222 The Contemporary Middle East in World Politics (3 cr.) S & H** An introduction to the interaction among people, governments, and outside powers in the greater Middle East and North Africa.

**NELC–N 245 Introduction to the Ancient Near East (3 cr.) S & H, CSA** Introduction to ancient Near Eastern cultures from early farmers around 8000 B.C. to the Iron Age kingdoms of the Babylonians, Assyrians, and Iranians; emphasis on agriculture, literacy, urbanization, state formation, sociopolitical and religious institutions, and legal and economic developments. Archaeological and textual information will be utilized in conjunction with visual aids. Credit given for only one of N245, CEUS R250, or CEUS U254.

**NELC–N 265 Introduction to Islamic Civilization (3 cr.) S & H, CSA** Survey of Islamic civilization in the classical period. Topics include the life of Muhammad, Koranic and other teachings of Islam, conquests and caliphates, early

successor states, law, sects, theology, philosophy, and the relationship between state and religion. Credit given for only one of N265 or HIST C205.

**NELC–N 268 Military History of the Middle East (3 cr.) S & H** Survey of conflict in the Middle East including the rise of Islam, the Crusades, World War I, the Arab-Israeli Conflict, the Persian Gulf Wars, and terrorism.

**NELC–N 303 Issues in Middle Eastern History (3 cr.) S & H** In-depth study of a particular topic, problem, or theme of Middle Eastern history. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 304 Issues in Middle Eastern Culture and Society (3 cr.) S & H** In-depth studies of particular problems, themes, and topics relating to the cultures of the Middle East. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 305 Issues in Middle Eastern Literature (3 cr.) CSA** Selected works of Middle Eastern literature in relation to a singular cultural problem or theme. Topics will vary. May be repeated with different topics for a maximum of 9 credit hours.

**NELC–N 306 Topics in Middle Eastern Studies (3 cr.)** In-depth studies of particular topics, problems, or themes in Middle Eastern studies. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 307 Issues in Islamic Studies (3 cr.)** In-depth studies of particular topics, problems, or themes in Islamic studies. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 340 Prophets, Poets, and Kings: Iranian Civilization (3 cr.) S & H, CSA** Traces the culture, society, and beliefs of Iran from ancient times through the Muslim conquest to the eighteenth century. Focuses on politics, religions (Zoroastrianism, Manichaeism, and Islam), administrative and social institutions, relationship between secular and ecclesiastic hierarchies, status of minorities, devotional and communal change, and Iranian influences on Islamic culture. Visual aids used in class.

**NELC–N 350 Modern Iran (3 cr.) S & H, CSA** The history and culture of Iran from 1500 to the present, with an emphasis on developments in the last century, in particular the role of Shiism in shaping the history of modern Iran. Readings will deal with the historical, religious, and cultural background, the two great revolutions of the 20th century, and the role of Iran in recent events in the Middle East. We will also follow current events in Iran on a regular basis.

**NELC–N 352 Contemporary Turkey (3 cr.) S & H, CSA** A comprehensive reading about and discussion of major issues for Turkey from 1970s to date. Issues include domestic politics and foreign policy; European Union; social structure; religion; art and culture; migration and transnational Turkish communities; minorities in Turkey; Turkey and Central Asia/Caucasus/Middle East; and relations with the U.S.

**NELC–N 365 Islamic Philosophy (3 cr.) A & H** This course introduces the chief philosophers, schools, and issues of Islamic philosophy. Issues discussed include the

relationship between religion and philosophy, philosophy and society; the essence/existence and necessary/contingent distinctions; basis of rational knowledge; relationship between mysticism and philosophy.

**NELC–N 370 Koranic Studies (3 cr.) A & H, CSA** The Koran in its historical role as the Islamic revelation. Its formation and compilation, the structural and stylistic characteristics of the text, and its role and function in Islam. The different schools of interpretation throughout history, and comparative studies between the Koran and the Judeo-Christian scriptures.

**NELC–N 397 Peoples and Cultures of the Middle East (3 cr.) S & H, CSA** General anthropological introduction to social institutions and cultural forms of the Arab countries of North Africa and the Near East, Israel, Turkey, Iran, and Afghanistan. Topics include ecology, development of Islam and Muslim empires, traditional adaptive strategies, consequences of colonialism, independence and rise of nation-states, impact of modernization, changing conceptions of kinship, ethnicity, and gender. Credit given for only one of N397, ANTH E397, CEUS R352, or CEUS U397.

**NELC–N 399 Readings for Honors (3 cr.) P:** Approval of the departmental honors advisor. Individual readings for outstanding students in Arabic, Hebrew, or Persian in preparation for the honors thesis (N499) supervised by a member in the appropriate field.

**NELC–N 492 Research in Classical Persian Texts (3 cr.) P:** P250 or reading knowledge of Persian. Intensive training in classical Persian. Emphasis on the accurate reading and translation of classical texts, their grammatical and stylistic features, and the use of modern and classical lexica. Survey of relevant bibliographic and secondary sources. May be repeated with a different topic for a maximum of 6 credit hours.

**NELC–N 495 Directed Readings in Near Eastern Languages and Cultures (3-4 cr.)** Study and analysis of selected Near Eastern Languages and Cultures issues and problems within an interdisciplinary format. Topics will vary and will ordinarily cut across fields, regions, or periods. May be repeated once with a different topic for a maximum of 6 credit hours.

**NELC–N 499 Honors Thesis (3 cr.) P:** N399 and approval of honors advisor. A specialized research project conducted under the supervision of a staff member in the appropriate field.

## Other Courses

### Central Eurasian Studies

- T151 Introductory Persian I
- T152 Introductory Persian II
- T251 Intermediate Persian I
- T252 Intermediate Persian II
- T351 Advanced Persian I
- T352 Advanced Persian II
- T181 Introductory Turkish I
- T182 Introductory Turkish II
- T281 Intermediate Turkish I
- T282 Intermediate Turkish II
- T381 Advanced Turkish I
- T382 Advanced Turkish II

### Comparative Literature

- C370 Comparative Studies in Western and Middle Eastern Literatures (3 cr.) **A & H, CSA**

### Fine Arts

- A327 Survey of Islamic Art (3 cr.) **S & H, CSA**

### Folklore and Ethnomusicology

- F307 Middle Eastern Folklore/Folklife/Folk Music (3 cr.) **A & H, CSA**

### Jewish Studies

- B200 Intermediate Biblical Hebrew I (3 cr.)
- B250 Intermediate Biblical Hebrew II (3 cr.)
- C240 Contemporary Israeli Culture (3 cr.) **A & H, CSA**
- C340 The *Kibbutz* in Fact and Fiction (3 cr.) **A & H, CSA**
- H100-H150 Elementary Hebrew I–II (4–4 cr.)
- H190 Intensive Elementary Hebrew (6 cr.)
- H200-H250 Intermediate Hebrew I–II (3–3 cr.)
- H296 Foreign Study in Hebrew (1–6 cr.)
- H300-H350 Advanced Hebrew I–II (3–3 cr.)
- H365 Advanced Hebrew Conversation and Composition (3 cr.)
- H375 Introductory Readings in Hebrew Literature (3 cr.) **A & H**
- H396 Foreign Study in Hebrew (1–6 cr.)
- H460 Israel Film and Fiction (3 cr.) **A & H, CSA**
- H480 Modern Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- H485 Recent Hebrew Literature in Hebrew (3 cr.) **A & H, CSA**
- H497 Individual Readings in Hebrew (1–4 cr.)
- L380 Modern Hebrew Literature in English (3 cr.) **A & H, CSA**
- L385 Recent Hebrew Literature in English (3 cr.) **A & H, CSA**
- L390 Biblical Themes in Modern Hebrew Literature (3 cr.) **A & H**
- L395 S. Y. Agnon and the Jewish Experience (3 cr.) **A & H, CSA**

### Political Science

- Y102 International Political Controversies (3 cr.) **S & H** Approved topic: U.S. Foreign Policy and the Muslim World
- Y200 Contemporary Political Problems (3 cr.) **S & H** Approved topic: The Contemporary Middle East in World Politics
- Y401 Topics in Political Science (3 cr.) **S & H** Approved topic: Muslims in the West

# Philosophy

## Introduction

The curriculum of the Department of Philosophy (PHIL) can contribute to the intellectual training of all undergraduates and acquaint them with some of the most important developments in the history of ideas. Courses in the department emphasize clear and cogent thinking about fundamental problems, locate the origins of these problems in the writings of the great philosophers, and provide in-depth examinations of proposed solutions.

Prerequisites for courses may be waived with consent of instructor.

## Contact Information

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<http://www.indiana.edu/~phil/>

## Faculty

### Chairperson

- Professor Timothy O'Connor

### Rudy Professors

- Marcia Baron
- Karen Hanson

### Professors

- Marcia Baron
- Gary Ebbs
- Karen Hanson
- Mark Kaplan
- Kirk Ludwig
- David C. McCarty
- Michael McRobbie
- Timothy W. O'Connor
- Frederick Schmitt
- Paul Vincent Spade
- Joan Weiner

### Associate Professors

- Adam Leite
- Dennis M. Senchuk
- Jonathan Weinberg

### Assistant Professors

- Kate Abramson
- Sandra Shapshay

### Senior Lecturer

- Leah Savion

### Director of Undergraduate Studies

- Sandra Shapshay, Sycamore Hall 015, (812) 855-4131

### Academic Advising

- Matthew Colglazier, Ballantine 437, 855-6263

## Major in Philosophy

### Purpose

The major in philosophy leads to the B.A. degree and is flexible enough to meet the needs and interests of those who are not planning to become professional philosophers, as well as the needs and interests of those who do have such plans.

### Required Courses

Students must complete a minimum of 27 credit hours in philosophy. No more than 3 credit hours of course work in the category of introductory courses (that is, any 100-level course or P240 or P270) may be included in the 27 credit hour minimum. Students are required to take:

1. P250 Introductory Symbolic Logic.
2. One course at or above the 200 level in history of philosophy.
3. One course at or above the 300 level in ethics and value theory.
4. One course at or above the 300 level in epistemology and metaphysics.
5. One 400-level course from among the following:
  - P401 Special Topics in the History of Philosophy
  - P470 Special Topics in Philosophy
  - P498 Senior Seminar
  - P499 Honors Thesis

Students must complete the degree requirements of the College of Arts and Sciences.

### Recommendations

An exemplary plan of course work for majors who are considering graduate study in philosophy might be as follows: one course in logic (P250, which should be completed at the earliest opportunity); four courses in the history of philosophy (e.g., P201, P211, P301 or P304, and P401); two courses in epistemology and metaphysics (e.g., P310 and P312); and two courses in ethics and sociopolitical philosophy (e.g., P340 or P342). Varied interests in particular areas of philosophy will suggest other equally worthwhile plans of course work.

### Transfer of Credits toward Major

Students planning to transfer philosophy credits toward a major in philosophy should consult with the director of undergraduate studies. Of the 27 credit hours required for the major in philosophy, at least 13 must be completed in residence on the Bloomington campus. These 13 credit hours will usually be 300- and 400-level courses taken from at least three of the following areas: logic, ethics and social-political philosophy, history of philosophy, and epistemology and metaphysics.

## Departmental Honors Program

Outstanding undergraduate majors in philosophy may be eligible for participation in the Philosophy Honors Program. Prior to their last two semesters of enrollment as majors, interested students should apply to the director of undergraduate studies. Applicants must have a cumulative grade point average of at least 3.300, and this minimum must be maintained until graduation. An Honors Program participant is expected to take P498 (4 cr.) under the direction of a faculty advisor, to engage in independent study of a self-selected topic in philosophy. The candidate

for Philosophy Honors designation must then take P499 (3–6 cr.), again under the direction of a faculty advisor, and must complete a substantial honors thesis. The completed thesis must be examined and certified by a committee of at least two philosophy faculty members, including the thesis advisor.

## Interdepartmental Major in Philosophy and Political Science

### Required Courses

Students must take a minimum of 42 credit hours, with a minimum of 18 credit hours in each department.

### Philosophy

1. At least 18 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in 300-level or above courses.
2. At least one course above the 100 level in each of the following three areas:
  - Ethics and value theory
  - History of philosophy
  - Epistemology and metaphysics
3. One of the following logic courses: P150 or P250.

### Political Science

1. At least 18 credit hours, with no more than one 100-level course counting toward the minimum.
2. At least one 300- or 400-level course in each of the following areas:
  - American Politics (Y301–Y320, Y324–Y326, Y349, Y390, Y394)
  - Comparative Politics or International Relations (Y332–Y348, Y350–Y372, Y374–Y376, Y407)
3. At least two 300- or 400-level courses in political theory (Y379, Y381–Y388, Y406).
4. Y490 Senior Seminar in Political Science.

## Interdepartmental Honors Program in Philosophy and Political Science

Students with a minimum cumulative grade point average of 3.300 and minimum 3.500 in political science are eligible for the interdepartmental honors program in political science and philosophy, which culminates with an honors thesis. The honors program has two requirements:

1. One honors thesis\*
2. One of the following pairs of courses:
  - PHIL-P 498 Senior Seminar and P499 Honors Thesis
  - POLS-Y 480 Colloquium and Y499 Honors Thesis

The choice of the pair depends on whether the student's honors director is a philosophy or political science faculty member. The thesis will be judged by an honors committee that consists of members from both departments.

\*Although the thesis typically involves topics and issues from both disciplines, exceptions will be allowed with the

approval of the directors of undergraduate studies from both departments.

## Interdepartmental Major in Philosophy and Religious Studies

### Required Courses

Students must take a minimum of 42 credit hours, including one course (from either department) in the philosophy of religion (either P371 or R380) and the following course work in each department:

### Philosophy

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in 300-level or above courses.
2. At least one course above the 100 level in each of the following areas:
  - Ethics and value theory
  - History of philosophy
  - Epistemology and metaphysics
3. One of the following logic courses: P150 or P250.
4. One (3 credit hour) 400-level philosophy course.

### Religious Studies

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in courses at the 300 level or above.
2. At least one (above 100 level) course above the 100 level chosen from Area D (Theory, Ethics, Comparison).
3. At least one course above the 100 level chosen from two of the remaining three areas: A (Africa, Europe, and West Asia), B (South and East Asia), C (The Americas).
4. One course (3 credit hours) in Religious Studies at the 400 level other than R494, R495, R496, and R499.
5. R389 Majors Seminar in Religion.

## Interdepartmental Honors Program in Philosophy and Religious Studies

Students with a minimum grade point average of 3.300 are eligible for the interdepartmental honors program in philosophy and religious studies, which culminates with one final honors thesis that combines notions from both disciplines. The honors program has the additional following requirement:

One of the following pairs of courses:

- P498 Senior Seminar and P499 Honors Thesis (Philosophy) **or**
- R399 Reading for Honors and R499 Senior Honors Essay, or an appropriate equivalent (Religious Studies)

The choice of the pair depends on whether the student works with a Philosophy or Religious Studies faculty member. The thesis will be judged by an honors committee that consists of members from both departments.



## Minor in Philosophy

### Required Courses

Students must complete a minimum of 15 College of Arts and Sciences credit hours of philosophy, including:

1. Not more than one course at the 100 level.
2. At least two courses at the 300 or 400 level.
3. At least one course above the 100 level in three of the following areas. (**Note:** In unusual circumstances students may petition to the director of undergraduate studies for an exception, but in all cases a minor must involve course work above the 100 level in at least two areas):

- Logic
- Ethics or value theory
- History of philosophy
- Epistemology and metaphysics
- Special topics

4. At least two courses must be completed in one of the areas listed above.

## Course Descriptions

### Introductory Courses

**PHIL-P 100 Introduction to Philosophy (3 cr.) A & H**  
Perennial problems of philosophy, including problems in ethics, in epistemology and metaphysics, and in philosophy of religion. Major emphases for each section appear in the online *Schedule of Classes*. I Sem., II Sem., SS.

**PHIL-P 103 Gender, Sexuality, and Race in Philosophical Perspectives (3 cr.) A & H**  
New issues and emphases in philosophy arising out of a focus on gender, sexuality, and race. One basic issue is the nature of a person and definitions of "human being." Another issue is the assumptions underlying current discussions in personal identity, feminism, race relations, and ethics.

**PHIL-P 105 Thinking and Reasoning (3 cr.) A & H**  
Basic rules of correct reasoning; roles of definitions and of language in thinking; roles of observation, hypothesis, and theory in knowledge; basic techniques for gathering information, testing beliefs for truth, and problem solving.

**PHIL-P 115 Pro and Con: Philosophical Analysis of Contemporary Social Controversies (3 cr.)**  
Uses philosophical tools to analyze and create arguments for/against a position. Uses PBS's *Pro and Con* as a source of examples of positions on current issues, such as affirmative action. Students learn critical thinking skills and are introduced to areas of philosophy such as ethics, metaphysics, and epistemology.

**PHIL-P 135 Introduction to Existentialism (3 cr.) A & H, TFR**  
Philosophical themes in nineteenth- and twentieth-century existentialism. Topics may include free choice and human responsibility, the nature of values, the influence of phenomenology on existentialism, and existentialism as illustrated in literature. Readings from some or all of Buber, Camus, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Nietzsche, Beauvoir, and Sartre. No prior knowledge of philosophy is presupposed.

**PHIL-P 140 Introduction to Ethics (3 cr.) A & H**  
Philosophers' answers to ethical problems (e.g., the nature of good and evil, the relation of duty to self-interest,

the objectivity of moral judgments), and the applications of ethical theory to contemporary problems.

**PHIL-P 145 Introduction to Social and Political Philosophy (3 cr.) A & H**  
Fundamental problems of social and political philosophy: the nature of the state, political obligation, freedom and liberty, equality, justice, rights, social change, revolution, and community. Readings from classical and contemporary sources.

**PHIL-P 150 Elementary Logic (3 cr.) A & H**  
Development of critical tools for the evaluation of arguments. Not a prerequisite for P250. Not open to students who have taken or are enrolled in P250. I Sem., II Sem., SS.

**PHIL-P 240 Business and Morality (3 cr.) A & H**  
Fundamental issues of moral philosophy in a business context. Application of moral theory to issues such as the ethics of investment, moral assessment of corporations, and duties of vocation.

**PHIL-P 270 Introductory Topics in Philosophy (3 cr.) A & H**  
Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

### Logic Courses

**PHIL-P 250 Introductory Symbolic Logic (3 cr.) N & M**  
Propositional logic and first-order quantificational logic. No credit for P150 if P250 taken first or concurrently. I Sem.

**PHIL-P 251 Intermediate Symbolic Logic (3 cr.)**  
P: P250. **N & M** Identity, definite descriptions, properties of formal theories, elementary set theory. II Sem.

**PHIL-P 350 Logic of Sets (3 cr.)** P: P250. Elementary operations on sets, relations, functions, orderings, introduction to ordinal and cardinal numbers.

**PHIL-P 352 Logic and Philosophy (3 cr.)** P: P150 or P250 or equivalent course. **A & H** Relation of logic to other areas of philosophy. Selected topics from among the following: logic and ontology; logic and language; logic, reasoning, and belief; intentionality and intensional logic; tense and modal logic and the nature of time and necessity; individuation and reference; relative vs. absolute identity.

### History of Philosophy

The courses P201, P211, P301, and P304 are the department's "core sequence" in the history of Western philosophy. P201 and P211 cover the two most important periods in that history, while P301 and P304 offer further study of other important periods. The courses may be taken in any order, but the department recommends that P201 and P211 be taken sequentially before either P301 or P304.

**PHIL-P 201 Ancient Greek Philosophy (3 cr.) R:**  
3 credit hours of philosophy. **A & H, CSA** Selective survey of ancient Greek philosophy (pre-Socratics, Plato, Aristotle). I Sem.

**PHIL-P 205 Modern Jewish Philosophy (3 cr.) A & H, CSA**  
A survey and critical analysis of modern Jewish philosophers and thinkers such as Mendelssohn, Cohen, Rosenzweig, Buber, and Fackenheim. Topics: concepts of God; the nature of religion; autonomy and revealed morality; God and history; theodicy and the Holocaust;

empiricists and analytic criticism of divine human encounter; Jewish philosophy and modern philosophy.

**PHIL-P 211 Modern Philosophy: Descartes through Kant (3 cr.)** P: 3 credit hours of philosophy. **A & H** Selective survey of seventeenth- and eighteenth-century philosophy, including some or all of the following: Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant.

**PHIL-P 301 Medieval Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H, CSA** A selective survey of Western philosophy from the turn of the Christian era to the end of the Middle Ages. Readings from some or all of Augustine, Boethius, Anselm, Abelard, Bonaventure, Aquinas, Duns Scotus, and Ockham.

**PHIL-P 304 Nineteenth-Century Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H** Selective survey of post-Kantian philosophy. Readings from some or all of Hegel, Marx, Kierkegaard, Mill, and Nietzsche.

**PHIL-P 305 Topics in the Philosophy of Judaism (3 cr.)** P: 3 credit hours of philosophy. **A & H, CSA** Comparative analysis of two or more Jewish philosophers; or selected topics in the philosophical treatment of contemporary Jewish experience; or topics in the history of Jewish philosophy. May be repeated once with different topic.

**PHIL-P 319 American Pragmatism (3 cr.)** P: 3 credit hours of philosophy. **A & H** Examination of the central doctrines of Peirce, James, Dewey, Mead.

**PHIL-P 328 Philosophies of India (3 cr.)** **A & H, CSA** Historical and critical-analytic survey of the major traditions of Indian philosophy. Attention to early philosophizing and the emergence of the classical schools in Hindu, Buddhist, and Jain traditions. Attention also to contemporary thought in India including critical theory and subaltern theorizing. Credit not given for both PHIL P328 and REL R368.

**PHIL-P 330 Marxist Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H** An examination of major philosophical issues in the light of Marxist theory. Historical materialism and the critique of idealism in metaphysics, the theory of knowledge, ethics, and social science. Discussion of both classical and contemporary sources.

**PHIL-P 335 Phenomenology and Existentialism (3 cr.)** P: 3 credit hours of philosophy. **A & H** Selective survey of central themes in nineteenth- and twentieth-century phenomenology and existentialism. Readings from some or all of Buber, Camus, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Nietzsche, Beauvoir, and Sartre.

**PHIL-P 374 Early Chinese Philosophy (3 cr.)** **A & H, CSA** Origins of Chinese philosophical traditions in the classical schools of Confucianism, Taoism, Mohism, and Legalism. Explores contrasting agendas of early Chinese and Western traditions. Credit given for only one of P374, EALC E374, REL B374, or REL R368.

### **Ethics and Value Theory**

**PHIL-P 242 Applied Ethics (3 cr.)** P: 3 credit hours of philosophy. **A & H** Application of moral theory to a variety of personal, social, and political contexts, such as world

hunger, nuclear weapons, social justice, life-and-death decisions, and problems in medical ethics.

**PHIL-P 246 Introduction to Philosophy and Art (3 cr.)** **A & H** Introduction to the philosophical study of art and the relationship between art and philosophy. Topics include the nature of a work of art, the role of emotions in art, the interpretation and appreciation of art, and the way philosophy is expressed in art.

**PHIL-P 332 Feminism and Value (3 cr.)** P: 3 credit hours in philosophy. **A & H** Selected topics from recent feminist philosophy, including the reassessment of classical philosophical texts, the construction of gender, perspectives on the good life, and the relation of private and public spheres.

**PHIL-P 340 Classics in Ethics (3 cr.)** P: 3 credit hours of philosophy. **A & H** Readings from Plato and Aristotle to Kant, Mill, and Nietzsche. Topics include virtue and human nature, pleasure and the good, the role of reason in ethics, the objectivity of moral principles, and the relation of religion to ethics.

**PHIL-P 342 Problems of Ethics (3 cr.)** P: 3 credit hours of philosophy. **A & H** May concentrate on a single large problem (e.g., whether utilitarianism is an adequate ethical theory), or several more or less independent problems (e.g., the nature of goodness, the relation of good to ought, the objectivity of moral judgments).

**PHIL-P 343 Classics in Social and Political Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H** Readings from Plato and Aristotle to Hobbes, Locke, Hegel, and Marx. Topics include the ideal state, the nature and proper ends of the state, natural law and natural right, social contract theory, and the notion of community.

**PHIL-P 345 Problems in Social and Political Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H** Problems of contemporary relevance: civil disobedience, participatory democracy, conscience and authority, law and morality.

**PHIL-P 346 Classics in Philosophy of Art (3 cr.)** P: 3 credit hours of philosophy. **A & H** Readings from Plato and Aristotle to Nietzsche and Dewey. Topics include the definition of art, the nature of beauty, and art and society.

**PHIL-P 347 Contemporary Controversies in Philosophy of Art (3 cr.)** P: 3 credit hours in philosophy. **A & H** Topics include the intersection of art, art criticism, philosophy, modernism and post-modernism, and the relation of aesthetic and cognitive judgment.

**PHIL-P 375 Philosophy of Law (3 cr.)** P: 3 credit hours of philosophy. **A & H** Selective survey of philosophical problems concerning law and the legal system. Topics include nature and validity of law, morality and law, legal obligation, judicial decision, rights, justice, responsibility, and punishment.

**PHIL-P 393 Biomedical Ethics (3 cr.)** A philosophical consideration of ethical problems that arise in current biomedical practice, e.g., with regard to abortion, euthanasia, determination of death, consent to treatment, and professional responsibilities in connection with research, experimentation, and health care delivery.

### Epistemology and Metaphysics

**PHIL-P 310 Topics in Metaphysics (3 cr.)** P: 3 credit hours of philosophy. **A & H** Topics such as existence, individuation, contingency, universals and particulars, causality, determinism, space, time, events and change, relation of mental and physical.

### PHIL-P 312 Topics in the Theory of Knowledge (3 cr.)

P: 3 credit hours of philosophy. **A & H** Topics such as various theories of perceptual realism, sense-datum theories, theories of appearing, phenomenism, the nature of knowledge, the relation between knowledge and belief, relation between knowledge and evidence, and the problem of skepticism.

### PHIL-P 320 Philosophy and Language (3 cr.)

P: 3 credit hours of philosophy. **A & H** A study of selected philosophical problems concerning language and their bearing on traditional problems in philosophy.

### PHIL-P 360 Introduction to Philosophy of Mind (3 cr.)

P: 3 credit hours of philosophy. **A & H** Selected topics from among the following: the nature of mental phenomena (e.g., thinking, volition, perception, emotion); the mind-body problem (e.g., dualism, behaviorism, functionalism); connections to cognitive science issues in psychology, linguistics, and artificial intelligence; computational theories of mind.

**PHIL-P 366 Philosophy of Action (3 cr.)** P: 3 credit hours of philosophy. **A & H** The nature of human and rational action: the structure of intentions and practical consciousness; the role of the self in action; volitions; the connections of desires, needs, and purposes to intentions and doings; causation and motivation; freedom; the structure of deliberation; rational actions and duties, whether moral or institutional.

### Special Courses

**PHIL-P 370 Topics in Philosophy (3 cr.)** P: 3 credit hours of philosophy. **A & H** A survey of selected topics or figures in an area of philosophy (areas vary). May be repeated with different topics for a maximum of 6 credit hours.

**PHIL-P 371 Philosophy of Religion (3 cr.)** P: 3 credit hours of philosophy. **A & H** Topics such as the nature of religion, religious experience, the status of claims of religious knowledge, the nature and existence of God.

### PHIL-P 401 History of Philosophy: Special Topics (3 cr.)

P: 6 credit hours of philosophy or consent of instructor. **A & H** Special topics, such as developing views on one or more of the following subjects: substance, nature, essence, dialectics. May be repeated once with a different topic.

### PHIL-P 470 Special Topics in Philosophy (3 cr.)

P: 6 credit hours of philosophy. **A & H** Advanced study of a topic (or cluster of related topics) in an area of philosophy. May be repeated with a different topic for a maximum of 6 credit hours.

### PHIL-P 490 Readings in Philosophy (1-3 cr.)

P: Consent of instructor. R: 9 credit hours philosophy. Intensive study of selected authors, topics, and problems.

### PHIL-P 497 Internship in Philosophy (1-3 cr.)

P: Approval of major department. Designed to provide academic credit for paper or other project done for

supervisor of the intern in a given semester. The student will also be assisting in some course(s) in this department. Does not count toward the major in philosophy. May not be repeated.

### Honors Courses

**PHIL-P 498 Senior Seminar (4 cr.)** P: Approval of departmental honors committee. Special topics.

**PHIL-P 499 Honors Thesis (3-6 cr.)** P: Approval of departmental honors committee.

## Physics

### Introduction

The Department of Physics (PHYS) offers programs leading to the B.A. degree and the B.S. degree and a wide variety of courses for non-physics majors. Courses offered by the department are listed in three categories: courses for non-science majors, courses for science majors, and courses for physics majors.

### Contact Information

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Bloomington, IN 47405

(812) 855-1247  
[gradphys@indiana.edu](mailto:gradphys@indiana.edu)

<http://www.indiana.edu/~iubphys/>

## Faculty

### Chairperson

- Richard Van Kooten

### Professors

- David Baxter
- Mike Berger
- Rob de Ruyter
- Herbert Fertig
- James Glazier
- Steve Gottlieb
- Charles Horowitz
- Larry Kesmodel
- Alan Kostelecky
- S. Y. Lee
- J. Timothy Londergan
- James Musser
- Harold Ogren
- Catherine Olmer
- Gerardo Ortiz
- Roger Pynn
- Brian Serot
- William Snow
- Paul Sokol
- Adam Szczepaniak
- Richard Van Kooten
- Scott Wissink

### Associate Professors

- John Carini
- Harold Evans

- Mark Messier
- Rex Tayloe
- Jon Urheim

#### Assistant Professors

- John Beggs
- Dobrin Bossev
- Radovan Dermisek
- Mark Hess
- Sabine Lammers
- Chen-Yu Liu
- Josh Long
- Sima Setayeshgar
- Matthew Shepherd

#### Academic Advising

- Elizabeth R. Smith, Swain Hall West 244, (812) 855-2391

## Major in Physics—B.A.

### Required Courses

To complete the concentration requirements, students must complete the following:

1. At least 25 credit hours in physics (graded C– or higher) and a minimum GPA in the major of 2.000. These credit hours must include P201-P202 or P221-P222, and P301.
2. Mathematics M211 (or S211 or M215), M212 (or S212 or M216), and M343.

Students must also complete the general requirements for the B.A. degree in the College of Arts and Sciences.

### Recommendations

Physics P309, P331, P332 or P460, and P340 are recommended.

## Major in Physics—B.S.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Mathematics, major fulfills requirement.
3. Foreign language, 3 credit hours at or above the second-year level (or equivalent proficiency) in one language. French, German, or Russian is recommended for students who wish to pursue a graduate degree.
4. Arts and humanities, two courses for 6 credit hours minimum.
5. Social and historical studies, two courses for 6 credit hours minimum.
6. Natural and mathematical sciences: major fulfills requirement.

Culture courses are not required, but two courses are recommended as electives or to satisfy the distribution requirement.

Students must also complete the major requirements for Program I or Program II.

## Program I: Physics

### Required Courses

Students must complete the following course work with a minimum grade of C– in each course and a minimum grade point average of C (2.000) in the courses overall:

1. At least 35 credit hours of physics, including P221, P222, and P301; upper-level lecture courses P331, P441, and P453; and laboratory courses P309 and P451. P201-P202 may be substituted for P221-P222 with permission from the physics advisor. P460 may be substituted for P451 with permission from the physics advisor.
2. At least 20 credit hours in mathematics and computer science, including M211 (or S211 or M215), M212 (or S212 or M216), M311, and M343 (or honors equivalents).
3. 9 credit hours in biological and physical sciences, outside of the Departments of Physics, Mathematics, and Computer Science. At least 6 of the 9 credit hours must be in the same department.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Recommendations

The following courses are recommended:

1. Physics P332, P340, P442, and P454 for students planning to pursue a graduate degree in physics; alternative programs (such as those with more emphasis on electronics, optics, biophysics, or environmental physics) should be discussed with the physics advisor.
2. Mathematics M344. Physics P321 covers the material of M312. P321 is recommended although M312 can be substituted with permission. Students should also consider M301 (or M303), M415, M441, and M442.
3. Chemistry C117 and one of C118, R340, or C341 (or honors equivalents), preferably taken in the freshman or sophomore year. Alternative courses from the natural and physical sciences should be discussed with the physics advisor.

It is also recommended that students be fluent in at least one scientific programming language. Computer Science A201 and A202 may be appropriate for students with no prior programming experience.

## Program II: Applied Physics

### Required Courses

Students must complete the following course work with a minimum grade of C– in each course and a minimum grade point average of C (2.000) in the courses overall:

1. At least 35 credit hours of physics, including P221, P222, and P301; upper-level lecture courses P331, P441; laboratory courses P309, P350, and one of P400, P451, or P460. It is recommended that students take two of the latter three courses. Students are strongly encouraged to take the honors sections of P221-P222. General Physics P201-P202 may be substituted for P221-P222 only with permission of the physics advisor.
2. At least 20 credit hours of mathematics, including M211-M212, M311-M312 (Physics P321 may be substituted for Mathematics M312), and M343 or honors equivalents.

3. At least 4 credit hours in computer science, including A201 or both A304 and A306. C211 or H211 may be substituted only with permission of the physics advisor.
4. 9 credit hours in biological and physical sciences, outside of the Departments of Physics, Mathematics, and Computer Science. At least 6 of the 9 credit hours must be in the same department.
5. 2 credit hours of internships with industry or at a national laboratory, S407. These internships would normally take place during the summers between the sophomore and junior year (1 credit) and between the junior and senior year (1 credit). Placement will be organized through the department in cooperation with the student and the student's faculty mentor.
6. 1 credit hour of Applied Physics Thesis S409.

### Recommendations

The following courses are recommended:

1. Physics P314, P321, P332, P340, P410-P411, P442, P453, P454 for students planning to pursue a graduate degree in applied physics; alternative programs (such as those with more emphasis on electronics, optics, medical physics, biophysics, accelerator physics, or environmental physics) should be discussed with the physics advisor.
2. Mathematics M301 (or M303), M344, M415, M441-M442.
3. Business courses chosen with the advice of the physics advisor for those students interested in entrepreneurial and management skills in scientific environments.
4. Alternative courses from the natural and physical sciences should be discussed with the physics advisor.

## B.S. Physics/M.S. Secondary Education

In an effort to address the shortage of Indiana high school teachers in certain subjects, the College, in conjunction with the IU School of Education, offers an accelerated five-year program in which students can obtain a B.S. in Physics and an M.S. in Secondary Education and also complete all requirements for State licensure in Secondary Education. Under this program, students complete all of the course work required for the Physics concentration (B.S.) by their eighth semester at IU. Continuing in the summer after their fourth year and then in a fifth year of study, students complete all of the requirements for the M.S. in Secondary Education with licensure.

Students must apply and earn admittance to the School of Education's Secondary Transition to Teaching and the Master of Science in Education programs during the fall semester of their senior year. After they have completed a minimum of 90 credit hours in the College of Arts and Sciences and satisfied the fundamental skills, distribution, and concentration requirements for the B.S. in Physics, students may apply up to 32 credit hours earned in the School of Education as College electives. The requirements for the B.S. in Physics must be completed before student teaching begins in the final spring semester of the five-year program. The

two degrees (B.S. in Physics and M.S. in Secondary Education) are awarded simultaneously.

Students considering this program should seek advising from both the Department of Physics and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

## Minor in Physics

### Required Courses

Students must complete:

1. One of the two 10 credit introductory course sequences, P201-P202 or P221-P222.
2. A modern physics course, to be chosen from P300, P301, P453, and P454.
3. A laboratory course, to be chosen from P309, P451, P452, and P460.
4. Another 3 credit course above the level of P301.

## Departmental Honors Program

The honors program provides well-qualified students with an exceptionally strong foundation in physics, both by encouraging excellence in course work and recognizing the importance of early participation in research. It is strongly recommended that students intending to enroll in graduate school pursue this option.

The key component of the honors program is involvement of the student in an independent research project, typically carried out under the supervision of a faculty member. This work must culminate in the writing of an honors thesis (S409) before the end of the senior year. An oral presentation describing the work would also be expected. For more detailed guidelines, see the "Honors" section of the departmental Web pages.

In addition to fulfilling the requirements associated with the B.S. degree, students in the honors program would also be expected to complete most of the course work listed under "Recommendations" for this degree; in particular, at least two of the three courses P332, P442, and P454 must be completed. To graduate with honors, students should maintain a minimum grade point average of 3.500 in all physics course work. Further information regarding this program may be obtained from the department.

## Course Descriptions

### Courses for Non-Science Majors

These courses are intended for students majoring in the humanities, social sciences, business, music, and education. Little or no background in science is assumed. Mathematics at the level of one year of high school algebra is used. These courses are not open to physics majors. No credit is given in these courses for students who have previously passed P201-P202 or P221-P222.

#### PHYS-P 101 Physics in the Modern World (4 cr.)

**N & M** Three lectures and one two-hour laboratory period each week. Includes elements of classical physics and the ideas, language, and impact of physics today. No credit in this course for students who have already passed P201-P202 or P221-P222.

**PHYS-P 105 Basic Physics of Sound (3 cr.) N & M** The physical principles involved in the description, generation,

and reproduction of sound. Topics discussed include physics of vibrations and waves, Fourier decomposition of complex wave forms, harmonic spectra, propagation of sound waves in air, standing waves and resonance, sound loudness and decibels, room acoustics, and sound recording and reproduction, including digital sound.

**PHYS-P 108 Intermediate Acoustics Laboratory**

(2 cr.) P or C: P105 or consent of instructor. For audio technology and telecommunications majors. Provides in-depth investigation of vibrating systems, wave phenomena, interference, complex wave synthesis, analysis, resonance, transducers. Study of analogue, digital electronic circuits, amplifiers, oscillators, band pass filters, and digital sound. Provides instrumentation experience, oscilloscopes, function generators, spectrum analyses. Credit not given for both P106 and P108.

**PHYS-P 109 Speech and Hearing Acoustics**

**Laboratory (2 cr.)** P or C: P105 or SPHS S302 or consent of instructor. Laboratory experiments investigating properties of vibrating systems and waves, standing waves and resonances, filtering, analysis and synthesis of complex sounds, formants and speech recognition, and transducers for sound. Topics are meant to complement SPHS S302, offered in Speech and Hearing Sciences. Credit given for only one of P106, P108, or P109.

**PHYS-P 110 Energy (2 cr.)** A scientific approach is used to examine various aspects of energy consumption, including demand, fuel supplies, environmental impact, and alternative fuel sources. Credit given for only one of P110 or P120.

**PHYS-P 111 Physics of Extraterrestrial Life and Death (3 cr.) N & M, TFR** Physical basis of search for extraterrestrial life. Origin of Universe, solar system, life, and man. Comets, asteroids, and impact of Shoemaker Levy-9 with Jupiter. Probable cause of death of dinosaurs, exploration of Mars and Europa. Discovery of extrasolar planets. Radio searches for extraterrestrial intelligence.

**PHYS-P 114 Understanding the Invisible Universe (3 cr.) N & M** An exploration of some of the biggest ideas in physics with an emphasis on their historical development, experimental verification, and impact on society as a whole. Concentrates on the development of our picture of the most fundamental building blocks of the universe and the forces that govern them.

**PHYS-P 120 Energy and Technology (3 cr.) N & M, TFR** Provides physical basis for understanding the interaction of technology and society, and for solution of problems, such as energy use and the direction of technological change. Credit given for only one of P120 or P110.

**PHYS-P 125 Energy in the Twenty-first Century (3 cr.) N & M, TFR** Examination of how physical science applies to our present sources and uses of energy, our alternatives to fossil fuels, and how to plan for long-term future energy needs.

**PHYS-P 150 How Things Work (3 cr.) N & M, TFR** An exploration of the physics involved in our technology; the course introduces ideas from physics needed to understand the function of a selection of modern devices and systems.

**PHYS-P 151 Twenty-first-century Physics (3 cr.)**

**N & M, TFR** An introductory class to the concepts of modern physics, especially relativity and the quantum world, and their use in much of our new technology. Medical, electronic, and energy applications will be discussed. Will not fulfill science requirement for education majors.

**PHYS-P 199 Physical Science through Inquiry (3 cr.)**

Fulfills the physical science requirement for elementary education majors; recommended for students interested in elementary and middle school science education. Topics introduced include sound, scale models, balance, forces, simple machines, mobiles, states of matter, light, color, the eye and vision, electricity, magnetism, and motion.

**PHYS-P 211 Global Energy Problems: Technological Options and Policy Choices (3 cr.) N & M**

The science of energy; energy resources and uses; conservation; the health and environmental effects of energy conversion. Existing energy policy and its consequences; a comparative look at energy policy; the principles and practice of sound energy management and policy.

**Courses for Science Majors**

These courses are primarily intended for students majoring in the biological, mathematical, and physical sciences; however, students are urged to also consider the courses listed under "Courses for Physics Majors." With the exception of P309 and P310, the courses listed here are not recommended for physics majors.

**PHYS-P 201 General Physics I (5 cr.)**

P: MATH M026 or high school equivalent. **N & M** Newtonian mechanics, oscillations, and waves. Bulk properties of matter and thermodynamics at the discretion of the instructor. Applications of physical principles to related scientific disciplines, including life sciences. Three lectures, one discussion, and one two-hour laboratory period each week. Credit may be obtained only for either P201 or P221. I Sem., II Sem., SS.

**PHYS-P 202 General Physics II (5 cr.)**

P: P201 or high school equivalent. **N & M** Electricity and magnetism, physical optics. Geometrical optics and modern physics at the discretion of the instructor. Applications of physical principles to related scientific disciplines, including the life sciences. Three lectures, one discussion section, and one two-hour laboratory period each week. Credit may be obtained only for either P202 or P222. I Sem., II Sem., SS.

**PHYS-P 300 General Physics III (3 cr.)**

P: P201-P202 or equivalent. **N & M** Special relativity; quantum physics; atomic, condensed matter, nuclear, and particle physics. Applications of modern physics to related scientific disciplines, including the life sciences. Three lectures each week. Credit may be obtained only for either P300 or P301. I Sem.

**PHYS-P 302 Elementary Electronics (2 cr.)**

P: One course in physics; or junior standing and consent of instructor. Integrated lecture and laboratory course. Characteristics of semiconductor circuit elements, amplifier circuits, power supplies, operational amplifiers, digital and switching circuits, oscilloscopes, and other laboratory test equipment. I Sem., II Sem.

**PHYS-P 309 Modern Physics Laboratory (2 cr.)**

P or C: P 301. Fundamental experiments in physics with

emphasis on modern physics. The course aims to develop basic laboratory skills and data analysis techniques.

**PHYS-P 310 Environmental Physics (3 cr.)** P: P201 or P221 and MATH M211 or M215; or consent of instructor. **N & M** For biological and physical science majors. Relationship of physics to current environmental problems. Energy production, comparison of sources and byproducts; nature of and possible solutions to problems of noise, particulate matter in atmosphere. I Sem.

**PHYS-P 317 Signals and Information Processing in Living Systems (3 cr.)** P: P201 and P202 or P221 and P222; MATH M119 and M120 or M211 or M215. Introduction to quantitative methods for life sciences, emphasizing how living systems process information. Topics include noise in sensory signals; consequences for sensory processing; uncertainty and decision making; neural networks, excitable waves in neurons and muscle; stability/instability; models of development and morphogenesis. Open to students in the physical or life sciences.

### Courses for Physics Majors

These courses are recommended for physics majors and those students who desire a strong background in physics. Prospective physics majors are strongly encouraged to consult with the physics department undergraduate advisor, to start the P221-P222 sequence in their freshman year, and to strongly consider enrolling in the honors section of P221-P222.

**PHYS-P 221 Physics I (5 cr.)** C: MATH M211 or consent of instructor. **N & M** First semester of a three-semester, calculus-based sequence intended for science majors. Newtonian mechanics, oscillations and waves, heat and thermodynamics. Three lectures, two discussion sections, and one 2-hour lab each week. Physics majors are encouraged to take P221 in the fall semester of the freshman year. Credit not given for both P201 and P221. I Sem., II Sem.

**PHYS-P 222 Physics II (5 cr.)** P: P221. C: MATH M212 or consent of instructor. **N & M** Second semester of a three-semester, calculus-based sequence intended for science majors. Primarily electricity, magnetism, and geometrical and physical optics. Three lectures, two discussion sections, and one 2-hour lab each week. Physics majors are encouraged to take P222 in the spring semester of the freshman year. Credit not given for both P202 and P222. I Sem., II Sem.

**PHYS-P 301 Physics III (3 cr.)** P: P222 (or P202 with consent of instructor). **N & M** Third semester of a three-semester, calculus-based sequence. Special theory of relativity; introduction to quantum physics; atomic, nuclear, condensed matter, and elementary particle physics. Intended for science and mathematics majors. Three lecture-discussion periods each week. Credit may be obtained only for either P300 or P301. I Sem., II Sem.

**PHYS-P 309 Modern Physics Laboratory (2 cr.)** P or C: P 301. Fundamental experiments in physics with emphasis on modern physics. The course aims to develop basic laboratory skills and data analysis techniques.

**PHYS-P 310 Environmental Physics (3 cr.)** P: P201 or P221 and MATH M211; or consent of instructor. **N & M** For biological and physical science majors. Relationship

of physics to current environmental problems. Energy production, comparison of sources and byproducts; nature of and possible solutions to problems of noise, particularly matter in atmosphere.

**PHYS-P 314 Introduction to Medical Physics (3 cr.)** P: P201 or P221, or consent of instructor. R: P202 or P222. Physics topics relevant to biological effects on the human body: sound and ultrasound, optics, radiation effects, radiation and medical imaging techniques.

**PHYS-P 318 Scattering Methods in Materials Science (3 cr.)** P: P222, or P202 and consent of instructor. Introduction to neutron and X-ray scattering techniques used in materials physics. Basic scattering theory; structural measurements of ordered, disordered, and nano materials; stress and strain measurements; imaging; inelastic neutron and X-ray scattering; EXAFS and NEXAFS; polarized neutrons and X-rays; proposal writing.

**PHYS-P 321 Techniques in Theoretical Physics (3 cr.)** **N & M** P or C: P301. Particle motion in one, two, and three dimensions in the presence of forces; construction of forces from fields, and relationships between fields and sources; energies and potentials; complex oscillations and circuit analysis; classical and quantum mechanical waves and probabilities.

**PHYS-P 331 Theory of Electricity and Magnetism I (3 cr.)** P: P202 or P222 and MATH M312 (for scientists), or consent of instructor. **N & M** Electrostatic fields and differential operators, Laplace and Poisson equations, dielectric materials, steady currents, power and energy, induction, magnetic fields, scalar and vector potentials, Maxwell's equations. I Sem.

**PHYS-P 332 Theory of Electricity and Magnetism II (3 cr.)** P: P331 or consent of instructor. **N & M** Magnetic materials, wave equations and radiation, energy transfer and conversion. Pointing vector and momentum, retarded potentials, dipole radiation, transmission lines and wave guides, relativity. II Sem.

**PHYS-P 340 Thermodynamics and Statistical Mechanics (3 cr.)** P: P202 or P222; MATH M311 concurrently. **N & M** Intermediate course, covering three laws of thermodynamics, classical and quantum statistical mechanics, and some applications.

**PHYS-P 350 Applied Physics Instrumentation Laboratory (3 cr.)** P: P221-P222 (or P201-P202 with permission of the instructor). C: P309. **N & M** Instrumentation, data acquisition, and control for research, development, industrial applications depending upon coordination of electrical sensors, instruments, personal computers, and software. Covers the essentials of electronic signal measurements, transducers, computer control of instruments, design of automated measurement and control algorithms, real-time data analysis and instrument calibration.

**PHYS-P 400 Analog and Digital Electronics (3 cr.)** **N & M** Practical electronics as would be encountered in a research laboratory or industrial setting. Both analog (filters, power supplies, transistors, amplifiers, op-amps, comparators, oscillators, transducers including the analysis of circuits using computer-aided techniques) and digital devices (storage elements, discrete gates, and programmable devices).

**PHYS-S 405 Readings in Physics (1-3 cr.)** P: Consent of instructor. Independent reading under supervision of faculty member. Study in depth of topic of interest to student, culminating in research paper. I Sem., II Sem.

**PHYS-S 406 Research Project (1-6 cr.)** P: Consent of instructor or supervisor. Research participation in group or independent project under the supervision of a faculty member in departmental research areas; or topic agreed upon between the student and supervisor. May be repeated with a different topic for a maximum of 6 credit hours.

**PHYS-S 407 Applied Physics Internship (1 cr.)** P: Consent of instructor or supervisor. Internship in industry or national laboratory, arranged between the student, the student's faculty mentor, and an internship supervisor. May be repeated for a maximum of 6 credit hours. S/F grading.

**PHYS-P 408 Current Research in Physics (1 cr.)** A series of introductory talks by 15 different faculty members on the current research activities of the Department of Physics. For senior-level students. II Sem.

**PHYS-S 409 Applied Physics Thesis (1-4 cr.)** P: S407 and consent of instructor. Under the supervision of a faculty member, students prepare a written thesis that presents previous research work. May be repeated for a maximum of 4 credit hours.

**PHYS-P 410 Computing Applications in Physics (3 cr.)** P: P301, and CSCI A201 or CSCI A304, or consent of instructor. **N & M** Computing methods and techniques applied to a broad spectrum of physics problems. Emphasis on least-squares method and other curve-fitting techniques of nonlinear functions; Monte Carlo methods; data manipulation, including sorting, retrieval, and display.

**PHYS-P 411 Computing Applications in Physics II (3 cr.)** P: P410 or equivalent or consent of instructor. **N & M** Continuation of P410 including introduction to stochastic modeling, statistical mechanics and quantum systems, improving code performance.

**PHYS-P 425 Introductory Biophysics (3 cr.)** **N & M** Overview of cellular components; basic structures of proteins, nucleotides, and biological membranes; solution physics of biological molecules; mechanics and motions of biopolymers; physical chemistry of binding affinity and kinetics; physics of transport and initial transduction; biophysical techniques such as microscopy and spectroscopy; mathematical modeling of biological systems; biophysics in the post-genome era, etc.

**PHYS-P 441 Analytical Mechanics I (3 cr.)** P: P201-P202 or P221-P222. C: MATH M343. **N & M** Elementary mechanics of particles and rigid bodies, treated by methods of calculus and differential equations. I Sem.

**PHYS-P 442 Analytical Mechanics II (3 cr.)** P: P201-P202 or P221-P222. C: MATH M343. **N & M** Elementary mechanics of particles and rigid bodies, treated by methods of calculus and differential equations. II Sem.

**PHYS-P 451 Experiments in Modern Physics I (3 cr.)** P: P301 and P309, or equivalent. R: P453-P454 concurrently. P452 can be taken independently of P451. Advanced laboratory for senior physics majors. Experimental investigations and selected topics in nuclear,

atomic, and solid state physics. P451, I Sem.; P452, II Sem.

**PHYS-P 453 Introduction to Quantum Mechanics (3 cr.)** P: P301 and P331. R: P332 concurrently. **N & M** The Schroedinger equation with applications to problems such as barrier transmission, harmonic oscillation, and the hydrogen atom. Discussion of orbital and spin angular momentum and identical particles. Introduction to perturbation theory. II Sem.

**PHYS-P 454 Modern Physics (4 cr.)** P: P453 or equivalent. **N & M** Structure of multielectron atoms. Experimental facts and theoretical models in solid state physics, nuclear physics, and elementary particle physics. I Sem.

**PHYS-P 455 Quantum Computing I (3 cr.)** P: MATH M118, M211, and M303, or consent of instructor. Covers the interdisciplinary field of quantum information science and aims at senior undergraduate and graduate students majoring in computer science, physics, mathematics, philosophy, and chemistry. Quantum Information Science is the study of storing, processing, and communicating information using quantum systems. Cross-listed as MATH M455. Credit given for only one of P455 and MATH M455.

**PHYS-P 456 Quantum Computing II (3 cr.)** P: MATH M118, M211, M303, and M455, or consent of instructor. Covers the interdisciplinary field of quantum information science and aims at senior undergraduate and graduate students majoring in computer science, physics, mathematics, philosophy, and chemistry. Quantum information science is the study of storing, processing, and communicating information using quantum systems. Cross-listed as MATH M456. Credit given for only one of P456 and MATH M456.

**PHYS-P 460 Modern Optics (3 cr.)** P: P331 or consent of instructor. **N & M** Physical optics and electromagnetic waves based on electromagnetic theory, wave equations; phase and group velocity; dispersion; coherence; interference; diffraction; polarization of light and of electromagnetic radiation generally; wave guides; holography; masers and lasers; introduction to optical spectroscopy.

**PHYS-P 470 Introduction to Accelerator Physics (3 cr.)** P: Approval of instructor. Overview of accelerator development and accelerator technologies. Principles of linear and circular accelerators, storage rings, colliders. Transverse phase space motion of a particle in an accelerator. Radio frequency acceleration and synchrotron light sources. Basics of free electron lasers. Spin dynamics in cyclic accelerators and storage rings.



# Political and Civic Engagement

## Introduction

The Political and Civic Engagement program (PACE) offers an interdisciplinary, 25-credit certificate program. It combines academic study with hands-on learning to provide students with an education in democratic citizenship. The PACE certificate prepares students to make a difference through active engagement in the creative conflict of American political and civic life. Students learn to seek out various perspectives, engage in dialogue, analyze the effectiveness of policies, and take principled stands on vital public issues. They also explore the relationship between theory and practice, develop informed critiques of political and civic institutions, practice collective decision-making, work with those who hold opposing views, and devise effective solutions to public problems.

Through academic and co-curricular experiences, students learn how to engage in a wide range of political and civic activities: advocacy groups; nonprofit agencies; political campaigns; branches of local, state, and national government; community organizations; and the media. PACE prepares students to enter work in political and civic organizations right after graduation and to pursue post-graduate education in law, public policy, the media, and kindred fields. It also enhances the education of students headed toward careers in other areas such as health care or the arts who want to be engaged citizens.

Co-curricular activities are critical to PACE's goal of developing students' political and civic knowledge and skills. They range from formal lectures and panels to informal lunches with individuals with a wide variety of political and civic experiences. PACE students also engage in debates, election-watching parties, program retreats, blogs, roundtable discussions, and other activities designed to enhance their academic and experiential learning.

## Contact Information

Political and Civic Engagement  
Indiana University  
004C, Franklin Hall  
Bloomington, IN 47405

(812) 856-1747

[pace@indiana.edu](mailto:pace@indiana.edu)

<http://www.pace.indiana.edu>

## Faculty

### Director

- **Sally Reahard Professor** Michael Grossberg  
(History, Maurer School of Law)

### Associate Director

- Joeline Bergonzi

### Adjunct Faculty

- Lisa Marie Napoli

## Academic Advising and Internship Direction

- Joeline Bergonzi, Franklin Hall 004C, (812) 856-1747

## Admission

Though students can submit an application at any time, most apply during the second semester of their freshman year or the first semester of their sophomore year. Students should discuss the course sequencing with program staff early in their studies at IU.

To be considered for the program, a student must meet the following requirements:

1. An overall GPA of 2.700 or above;
2. Two PACE courses or electives must have been taken or be in progress at the time of application, one of which must be C210 or C211;
3. An application essay of no more than 500 words explaining the student's interest in the program, including reflections on past political and civic-engagement experiences and aspirations for future ones. This will be submitted with an online application;
4. Two letters of recommendation, one of which must be from an instructor who has supervised some academic work of the student;
5. An interview with a PACE faculty or staff member.

Because of the sequential nature of the Certificate requirements, students are encouraged to apply to PACE by the end of their sophomore year. This allows them to complete the core courses and electives before the internship, and all of these before the capstone course. Exceptions to this sequence will be considered based on examination of individual circumstances.

## Certificate in Political and Civic Engagement Required Courses

Students must complete at least 25 credit hours in the program. Requirements include two core courses, four electives, a mentored internship experience, at least one other experiential learning activity, and a capstone seminar. A minimum grade of C- is required for courses to count in the certificate.

1. Core Courses (6 credit hours) These courses are restricted to first- and second-year students.
  - PACE-C 210 Public Leadership in America
  - PACE-C 211 Public Decision Making in America
2. Electives (12 credit hours) At least 6 credit hours must be at the 300–400 level. No more than 6 credit hours may be taken from one department (for instance, "POLS" or "CMCL" or "SPEA"). See the current list on the Web site and contact the program for approved offerings. The 12 credit hours must be completed before taking the capstone course.
3. Issues Forum (1 credit hour) Must be completed before taking the capstone course.
4. Internship (at least 3 credit hours).
5. Capstone seminar (3 credit hours) will be taken in the senior year.

## Electives

\* Variable topic classes must be approved by the PACE Advisor.

+ College of Arts and Sciences students may count up to 22 credit hours of appropriate courses from outside the College of Arts and Sciences toward the minimum of 122 credit hours required for graduation.

- AAAD A205 Black Electoral Politics
- AAAD A400 Topics in African American Studies\*
- AAAD A408 Race, Gender and Class in Cross-Cultural Perspectives
- AAAD A420 Transforming Divided Communities and Societies
- AAAD A415 The Political Impact of Black Religion
- AAAD A481 Racism and the Law
- AAST A300 Topics in Asian American Studies\*
- AMST A201 U.S. Movements and Institutions\*
- CJUS P340 Law and Society: The Cross-Cultural Perspective
- CMCL C222 Democratic Deliberation
- CMCL C228 Argumentation and Public Advocacy
- CMCL C304 Communication and Social Conflict
- CMCL C308 Democratic Dissent in Wartime
- CMCL C334 Current Topics in Communication and Culture\*
- CMCL C339 Freedom of Speech
- CMCL C340 The Rhetoric of Social Movements
- CMCL C342 Rhetoric and Race
- CMCL C346 Ethnicity, Class, and the Model U.S. Citizen
- CMCL C406 The Study of Public Advocacy
- CMCL C417 Power and Violence: Political Systems in Ethnographic Perspective
- CMCL C427 cross-Cultural Communication
- CMCL C445 Media, Culture, and Politics\*
- CMCL C446 Cultures of Democracy
- COLL E104 Topics in Social and Historical Studies\*
- HIST A200 Issues in United States History\*
- HIST A222 Law in America
- HIST A379 Issues in Modern United States History\*
- HIST W300 Issues in World History\*
- HON H204 Interdepartmental Colloquia\*
- INFO I399 Current Topics in Informatics+ (Approved topic: Politics by Numbers)
- INTL I204 Human Rights and Social Movements: International Perspectives (for students pursuing a major or minor in International Studies)
- JOUR J375 Race, Gender, and the Media+
- LESA L105 Beyond the Sample Gates (if taken before Fall 2009 ONLY)
- LSTU L230 Labor and the Economy+
- LSTU L385 Class, Race, Gender and Work+
- PHIL P393 Biomedical Ethics
- POLS Y103 Introduction to American Politics
- POLS Y200 Contemporary Political Topics\*
- POLS Y202 Politics and Citizenship in the Information Age
- POLS Y210 Honors Seminar\*
- POLS Y249 Religion, Politics, and Public Policy
- POLS Y301 Political Parties and Interest Groups
- POLS Y307 Indiana State Government and Politics
- POLS Y308 Urban Politics
- POLS Y313 Environmental Policy
- POLS Y318 The American Presidency
- POLS Y319 The United States Congress
- POLS Y320 Judicial Politics
- POLS Y326 American Social Welfare Policy
- POLS Y353 The Politics of Gender and Sexuality
- POLS Y379 Ethics and Public Policy
- POLS Y383 Foundations of American Political Thought
- POLS Y384 Developments in American Political Thought
- POLS Y490 Senior Seminar in Political Science\* (for students pursuing a major in Political Science; if taken before PACE capstone)
- REL C202 Issues in Religion in the Americas\*
- REL C220 American Religion and Politics
- REL C300 Studies in Religion in the Americas\*
- REL D202 Issues in Theory, Ethics, and Comparison\*
- REL D250 Religion, Ecology, and the Self
- REL D300 Studies in Theory, Ethics, and Comparison\*
- REL D340 Religion and Bioethics
- REL D350 Religion, Ethics, and the Environment
- REL R170 Religion, Ethics, and Public Life
- REL R202 Topics in Religious Studies\*
- REL R300 Studies in Religion\*
- SOC S215 Social Change
- SOC S217 Social Inequality
- SOC S311 Politics and Society
- SOC S312 Education and Society
- SOC S326 Law and Society
- SOC S335 Race and Ethnic Relations
- SOC S359 Community Based Research
- SOC S360 Topics in Social Policy
- SOC S431 Topics in Social Psychology\* (Approved topic: Class, Race, and Gender)
- SPEA V160 National and International Policy+
- SPEA V161 Urban Problems and Solutions+
- SPEA V221 Nonprofit and Voluntary Sector+
- SPEA V264 Urban Structure and Policy+
- SPEA V362 Nonprofit Management and Leadership+
- SPEA V378 Policy Processes in the US+ (offered through Washington Leadership Program)
- SPEA V406 Public Law and Electoral Processes+
- SPEA V435 Negotiation and Alternative Dispute Resolution+
- SPEA V473 Management, Leadership and Policy+
- SPEA V405 Public Law and Legislative Processes+
- SWK S100 Understanding Diversity in Pluralistic Society+
- SWK S251 Emergence of Social Welfare Services+
- SWK S300 Selected Topics in Social Work\*+
- SWK S352 Social Welfare Delivery Systems+
- TEL T312 Politics and the Media
- TEL T414 Public Communication Campaigns
- TEL T424 Telecommunications and the Constitution

## Course Descriptions

### **PACE–C 210 Public Leadership in America (3 cr.)**

**S & H** Interdisciplinary introduction to the role of leadership and individual action in American political and civic life, from local communities to the nation's capital. Students will research, compare and analyze different leadership styles and individual leaders as well as begin to develop their own leadership skills and interests.

### **PACE–C 211 Public Decision Making in America (3 cr.)**

**S & H** Interdisciplinary introduction to public decision making in the United States from local communities to the nation's capital, including theories, key sites of political and civic action, and case studies. Students will also be introduced to the primary skills of effective engagement in political and civic discussion, deliberation, advocacy, and action.

### **PACE–C 300 Issues in Political and Civic Engagement (3 cr.)**

Intensive study and analysis of selected political or civic engagement issues. Topics will vary and will be listed in the online *Schedule of Classes*. May be repeated with a different topic for a maximum of 6 credit hours.

**PACE–C 400 Issues Forum (1 cr.)** P: C210 and C211 and consent of program. PACE leadership and decision making activity structured as a one-day forum to develop a solution to a particular problem. Students take on the organization and preparation before the forum and write an analysis and position statement afterward.

### **PACE–C 410 Internship in Political and Civic Engagement (1-6 cr.)**

P: C210 and C211, 6 credit hours of PACE electives, and consent of program. Students will complete a mentored internship providing field experience in political and civic action, research, and/or decision making. Includes an orientation session before and a structured evaluation afterward. May be repeated for up to 6 credit hours.

**PACE–C 420 Readings and Research in Political and Civic Engagement (1-6 cr.)** P: C210 and C211, acceptance into PACE certificate program, and consent of faculty supervisor. Independent readings and research project under the supervision of an approved faculty mentor. May be repeated for a maximum of 6 credit hours.

**PACE–C 450 Capstone Seminar (1-3 cr.)** P: Consent of PACE program. Required capstone seminar for students who have completed all other certificate requirements. Provides students with the opportunity to integrate academic study, experiential learning, and co-curricular activities, to demonstrate understanding of American political and civic life, and to document individual learning and development.

provides special knowledge and skills useful in public service, law, business, and other careers; and lays a foundation for the scholarly study of government and politics.

The department also has two interdepartmental majors: political science and economics, and political science and philosophy.

The department has a general minor in political science, and one interdepartmental minor: political science and economics.

Requirements for these options are listed below.

### Contact Information

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Indiana University  
Woodburn Hall 210  
Bloomington, IN 47405-7110

(812) 855-6308  
[iupolsci@indiana.edu](mailto:iupolsci@indiana.edu)

<http://www.indiana.edu/~iupolsci/>

## Faculty

### Chairperson

- Professor Russel R. Hanson

### Rudy Professors

- Edward G. Carmines
- Jeffrey C. Isaac

### Arthur F. Bentley Professor

- Elinor Ostrom

### Warner O. Chapman Professor

- Edward G. Carmines

### Donald A. Rogers Professor

- William Thompson

### Rabindranath Tagore Professor of Indian Cultures and Civilizations

- Sumit Ganguly

### Professors

- Yvette Alex-Assensoh
- William Bianco
- Jack Bielasiak
- Russell Hanson
- Jeffrey Hart
- Marjorie Hershey
- Gregory Kasza
- Michael McGinnis
- Karen Rasler
- Jean C. Robinson
- William Scheuerman
- Gerald Wright Jr.

### Associate Professors

- Aurelian Craiutu
- Judith Failer
- Lawrence Hanks
- Scott Kennedy
- Dina Spechler

## Political Science

### Introduction

Courses in the Department of Political Science (POLS) introduce students to fundamental issues in the political process, conditions that create the need for governments, structure and procedures of governments, control of governments and enforcement of responsibility, and relationships among governments. The department prepares students to assume the duties of citizenship;

- Regina Smyth

### Assistant Professors

- Eileen Braman
- Timothy Hellwig
- Yanna Krupnikov
- Lauren Morris MacLean
- Armando Razo
- Abdulkader Sinno
- Beate Sissenich

### Adjunct Faculty

- Jeannine Bell (Maurer School of Law)
- Gardner Bovingdon (Central Eurasian Studies)
- William Fierman (Central Eurasian Studies)
- Luis Fuentes-Rohwer (Maurer School of Law)
- Eugene McGregor (School of Public and Environmental Affairs)
- Patrick O'Meara (African Studies)
- James Perry (School of Public and Environmental Affairs)
- Evan Ringquist (School of Public and Environmental Affairs)
- Lois Wise (School of Public and Environmental Affairs)

### Senior Lecturer

- Christine Barbour

### Academic Advising

- Marsha Franklin, Jim Gibson; Woodburn Hall 210, (812) 855-6308

## Major in Political Science

### Required Courses

Students must complete 30 credit hours in political science, including:

1. Y205. It is strongly recommended that Y205 be taken within the first 15 credit hours of course work in political science.
2. At least 15 credit hours of 300- and 400-level political science courses, excluding Y480, Y481, Y484, Y496, and Y499.
  - At least one course in American politics or public policy, law, and administration (Y301–Y320, Y324–Y326, Y349, Y373, Y394)
  - At least one course in comparative politics or international relations (Y332–Y348, Y350–Y372, Y374–Y376, Y407).
  - At least one course in political theory and methodology (Y379, Y381–Y388, Y395, Y405, Y406)
3. One Y490 Senior Seminar.

No more than 6 credit hours of 100-level courses and 9 combined credit hours of Y200 and Y401 (courses with variable topics) may be included in the 30 credit hours.

**Note:** Y200 and Y401 may be repeated only once for credit.

Students must complete the degree requirements of the College of Arts and Sciences.

The department encourages students to consider internships, overseas study, and service learning as complements to their major in political science.

## Interdepartmental Major in Political Science and Economics

### Purpose

The interdepartmental major in political science and economics explores important issues arising in both the public and private sectors and provides students with the basic theoretical tools necessary to investigate these issues.

**Note:** Any economics course may be replaced by the honors equivalent.

### Required Courses

Students must meet the following course requirements for a total of 42 credit hours in Political Science and Economics:

1. Mathematics requirements: Finite Mathematics M118 and Calculus M119 or M211. (These courses do not count toward the 42 credit hours required for the major.)
2. Economics E201, E202, E321, and at least three additional economics courses. Two of these three courses must be numbered above E321. The following courses cannot be used to meet this requirement: E175, E370, E496, Y398.

At least 18 credit hours in political science to include the following:

1. One course chosen from Political Science Y204, Y205, Y210, Y303, Y394, or Y405.
2. Another 15 credit hours in political science chosen from Y200, Y202, Y204, Y205, Y210, Y301–Y308, Y326, Y343, Y346, Y349, Y350, Y376, Y394, Y401, Y405, Y481, Y490, or Y499. (Y200 or Y401 may be repeated once for credit, for a maximum of 9 credit hours possible for these two courses. No other courses may be repeated for credit.)
3. Statistics requirement: ECON-E 370 or POLS-Y 395.

### Special Considerations

1. Students meeting requirements 1–3 above with a total of 39 credit hours will be allowed to use 3 credit hours toward the major from preapproved sections of COLL-E 104 (Topics) courses. A list of preapproved sections of COLL-E 104 (Topics) is available each semester in the Departments of Economics and Political Science.
2. No more than 6 credit hours of honors thesis credit (3 credit hours from Economics E499, and 3 credit hours from Political Science Y499) may be counted toward the major.
3. A maximum of 3 credit hours of Political Science Y484 (for teaching interns only) may be counted toward the major.

Students must also complete the degree requirements in the College of Arts and Sciences.

## Interdepartmental Major in Political Science and Philosophy

### Required Courses

Students must take a minimum of 42 credit hours, with a minimum of 18 credit hours in each department. Students must also complete the degree requirements in the College of Arts and Sciences.

### Political Science

1. At least 18 credit hours, with no more than two 100-level courses counting toward the minimum.
2. At least one 300- or 400-level course in each of the following areas:
  - American Politics (Y301–Y320, Y324–Y326, Y349, Y373, Y394).
  - Comparative Politics or International Relations (Y332–Y348, Y350–Y372, Y374–Y376, Y407).
3. At least two 300- or 400-level courses in political theory (Y379, Y381–Y388, Y406).
4. Y490 Senior Seminar in Political Science.

### Philosophy

1. At least 18 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours at or above the 300 level.
2. At least one course above the 100 level in each of the following three areas:
  - Ethics and value theory
  - History of philosophy
  - Epistemology and metaphysics
3. One of the following logic courses: P150 or P250.

## Interdepartmental Honors Program in Political Science and Philosophy

### Required Courses

Students with a minimum cumulative grade point average of 3.300 and minimum 3.500 in political science are eligible for the interdepartmental honors program in political science and philosophy, which culminates with an honors thesis. The honors program has two requirements:

1. One honors thesis.\*
2. One of the following pairs of courses:
  - POLS-Y 480 Colloquium and Y499 Honors Thesis **or**
  - PHIL-P 498 Senior Seminar and P499 Honors Thesis

The choice of the pair depends on whether the student's honors director is a political science or philosophy faculty member. The thesis will be judged by an honors committee that consists of members from both departments.

\*Although the thesis will typically involve topics and issues from both disciplines, exceptions will be allowed with the approval of the directors of undergraduate studies from both departments.

## Minor in Political Science

### Required Courses

Students must complete the following:

1. A total of 18 credit hours in political science, of which at least 9 must be at the 300 or 400 level.
2. Y205. It is strongly recommended that Y205 be taken within the first 15 credit hours of course work in political science.
3. At least two courses in one of the following blocks of courses and at least one course from one of the other two blocks:
  - American politics, public policy, law, and administration (Y301–Y320, Y324–Y326, Y349, Y373, Y394)
  - Comparative politics or international relations (Y332–Y348, Y350–Y372, Y374–Y376, Y407)
  - Political theory and methodology (Y379, Y381–Y388, Y395, Y405, Y406)
4. Only 3 hours of credit in Y481 may be counted toward the minor.
5. At least 6 credit hours of the above courses must be taken in residence at the Bloomington campus.

## Interdepartmental Minor in Political Science and Economics

### Purpose

The interdepartmental minor in political science and economics introduces students to important issues in both the public and private sectors.

### Required Courses

Students must meet the following course requirements for a total of 18 credit hours.

1. Economics E201, E202, and one additional economics course (E175, E370, E496, and Y398 cannot be used to meet this requirement.)
2. One course chosen from Political Science Y204, Y205, Y210, Y303, Y394, or Y405.
3. Another 6 credit hours in political science chosen from Y200, Y202, Y204, Y205, Y210, Y301–Y308, Y326, Y343, Y346, Y349, Y350, Y376, Y394, Y401, Y405, Y481, Y490, or Y499. (Y200 or Y401 may be repeated for credit for a maximum of 9 credit hours total of those two courses. No other courses may be repeated for credit.)

**Note:** This minor is not available to students choosing a major in economics or political science. The interdepartmental minor in Political Science and Economics is also not available to students choosing a minor in political science or a minor in economics.

## Departmental Honors Program

The Department of Political Science makes a special effort to give outstanding students opportunities appropriate to their abilities and interests. In addition to a number of topics courses and small seminars, the department offers a formal program leading to a B.A. with honors.

Admission to the program usually occurs at the end of the sophomore year. Students are eligible to apply if they have completed at least 9 credit hours in political science,

including at least one 300-level course, with a minimum grade point average of 3.500 in political science and a minimum overall GPA of 3.300 in university courses. Students must complete an application and meet with the director of honors in the Department of Political Science to discuss the student's proposed program. To attain a degree with honors, students must:

1. Present an acceptable honors thesis and defend it before a faculty committee. There are two paths to the thesis:
  - The student researches and writes a thesis, usually over the course of two semesters. Honors students typically enroll in 3–12 hours of Y499 for one or two semesters (usually in the senior year). The total amount of credit is determined by the chairperson of the student's honors committee. The honors thesis is written under the direction of two faculty members: a faculty supervisor who serves as chairperson of the student's honors committee, and at least one additional member of the honors committee. Graduate students may not serve as honors supervisors.
  - The student arranges with a faculty member to enroll in a graduate seminar in political science. The research paper for that seminar serves as the basis for the honors thesis, and the instructor of the graduate seminar becomes the chairperson of the student's honors committee. This path is used very infrequently.

2. In both cases, during the fall and spring semesters of the year in which the thesis is being completed and defended, honors students are required to enroll and participate in the "Honors Colloquium" section of Y480.

Any exceptions to the above requirements must be approved by the Director of Honors in Political Science.

## Workshop in Political Theory and Policy Analysis

The Workshop in Political Theory and Policy Analysis develops courses that provide students with an opportunity to relate theoretical analysis of contemporary policy issues to empirical field research. Students in both graduate and undergraduate courses participate in the design and implementation of small-scale, policy-relevant research projects. These projects help students gain practical experience in reasoning through policy problems, in conducting research, and in analyzing data. Students may also use data collected in these studies for their own research, such as class assignments and honors theses. High-quality work may be considered for publication in the workshop publication series. The subject matter of the courses varies from year to year, but a consistent theme is the comparative study of alternative institutional arrangements for dealing with public sector problems.

In addition to the development of specific courses, the workshop holds weekly colloquia where faculty and students at Indiana University and guest speakers address theoretical and policy problems of mutual interest. Reprints of recent studies in the workshop's publication series are available to students without charge.

Further information, including listings of current course offerings and publications, is available from the Workshop

in Political Theory and Policy Analysis, 513 N. Park Avenue, Bloomington, Indiana 47405, (812) 855-0441.

## Course Descriptions

### **POLS–Y 100 American Political Controversies (3 cr.)**

**S & H** Introduction to current or past American political controversies. The course content presents multiple sides of complex issues. Topics vary from semester to semester. The course may be repeated once for credit; however, the course may be counted only once toward a political science major.

### **POLS–Y 101 Principles of Political Science (3 cr.)**

**S & H** Introductory survey of the discipline of political science: integrates basic elements of American politics, political theory, comparative politics, and international relations. Intended especially for actual or prospective majors.

### **POLS–Y 102 International Political Controversies (3 cr.)**

**S & H** Introduction to current or past controversial issues in international and comparative politics, presenting multiple sides of complex issues. Topics vary from semester to semester. The course may be repeated once; however, it may be counted only once toward a political science major.

### **POLS–Y 103 Introduction to American Politics (3 cr.)**

**S & H** Introduction to the nature of government and the dynamics of American politics. Origin and nature of the American federal system and its political party base. I Sem., II Sem., SS.

### **POLS–Y 105 Introduction to Political Theory (3 cr.)**

**A & H** Perennial problems of political philosophy, including relationships between rulers and ruled, nature of authority, social conflict, character of political knowledge, and objectives of political action. Credit not given for both Y105 and Y215. I Sem., II Sem.

### **POLS–Y 107 Introduction to Comparative Politics (3 cr.)**

**S & H** Examines countries around the world to investigate fundamental questions about politics. Topics include democratic development, promotion of economic prosperity, maintenance of security, and management of ethnic and religious conflict. Critical thinking skills encouraged. Cases for comparison include advanced industrialized democracies, communist and former communist countries, and developing countries. Credit given for only one of Y107 and Y217.

### **POLS–Y 109 Introduction to International Relations (3 cr.)**

**S & H** Causes of war, nature and attributes of the state, imperialism, international law, national sovereignty, arbitration, adjudication, international organization, major international issues. Credit not given for both Y109 and Y219. I Sem., II Sem., SS.

### **POLS–Y 200 Contemporary Political Topics (3 cr.)**

**S & H** Extensive analysis of selected contemporary political problems. Topics vary from semester to semester and are listed in the online *Schedule of Classes*. May be repeated once for credit. I Sem., II Sem., SS.

### **POLS–Y 202 Politics and Citizenship in the Information Age (3 cr.)**

**S & H** Introduction to the influence of the news media on citizen preferences and behavior in the information age. Analysis of the forces shaping the media, the relation between the media and

politics, and the effect on citizens. Topics include decision making and development of critical skills in response to the information age.

**POLS–Y 204 Institutional Analysis and Governance (3 cr.) S & H** Introduces the design and development of political, economic, and social institutions that support democratic governance or its alternatives. Uses theory to understand connections among individual choice, collective action, institutions, and constitutional order. Institutional analysis as a mode of reasoning about contemporary policy problems, law, and public affairs.

**POLS–Y 205 Analyzing Politics (3 cr.) S & H** Introduces the approaches and techniques used to study politics. Includes an introduction to social science language, concepts, and critical research skills. Overview of political science research approaches, including case study, surveys, and model-building. Emphasizes skills such as interpreting the presentation of data in charts, graphs, and tables, and elementary analysis of qualitative and quantitative data.

**POLS–Y 210 Honors Seminar (3 cr.) S & H** Intensive examination of selected political topics for freshman and sophomore honors students. Emphasis on critical discussion and preparation of brief papers. May be repeated once for credit.

**POLS–Y 211 Introduction to Law (3 cr.) S & H** An introduction to law as a method for dealing with social problems and as an aspect of the social and political system. An introduction to legal reasoning, procedures, and materials. Usually includes comparison of U.S. to other societies' approaches to law. Mock court situations usually included.

**POLS–Y 212 Making Democracy Work (3 cr.) A & H** Nature and justifications for democratic politics and the problems confronting democracy today. Demise of liberalism in America; rise of identity politics and its significance; racial inequality and the problems of deliberative democracy; problems of political alienation and participation.

**POLS–Y 243 Governance and Corruption across the World (3 cr.) S & H** Analysis of problems of governance and corruption in developing and/or more developed countries. Examines conditions for effective governance and challenges to economic growth and provision of public goods. Addresses political causes and consequences of corruptions. Case studies will vary and may be drawn from Asia, Latin America, Africa, Central and Eastern Europe, and North America.

**POLS–Y 249 Religion, Politics, and Public Policy (3 cr.) S & H** Introduction to the effects of religious belief, behavior, and institutions on political processes and public policy. Implications of religion as an alternative source of public legitimacy in contemporary societies. Topics may include controversies or developments in American, comparative, or international politics.

**POLS–Y 280 Political Science Laboratory (1 cr.)** Offered concurrently with Y205 or a 300-level political science course. Information on topic and course affiliation available in the online Schedule of Classes. May be repeated twice for credit.

**POLS–Y 281 Modern Political Ideologies (3 cr.) A & H** Assesses leading political ideologies of the past two centuries, e.g., conservatism, liberalism, socialism, communism, fascism, feminism, environmentalism, anarchism, populism, and various forms of religious fundamentalism. Analyzes those ideologies as forms of thought and as motivators of political agency and organization that have shaped the contours of the modern political world.

**POLS–Y 301 Political Parties and Interest Groups (3 cr.) S & H** Theories of American party activity; behavior of political parties, interest groups, and social movements; membership in groups; organization and structure; evaluation and relationship to the process of representation

**POLS–Y 302 Public Bureaucracy in Modern Society (3 cr.) S & H** Examines public bureaucracy, with special emphasis on the United States, as a political phenomenon engaging in policy making and in the definition of the terms of policy issues. Considers the role of bureaucratic instruments in promoting social change and in responding to it.

**POLS–Y 303 Formation of Public Policy in the United States (3 cr.) S & H** Processes and institutions involved in the formation of public policy in American society.

**POLS–Y 304 Constitutional Law (3 cr.) S & H** American political powers and structures; selected Supreme Court decisions interpreting American constitutional system.

**POLS–Y 305 Constitutional Rights and Liberties (3 cr.) S & H** Extent and limits of constitutional rights; selected Supreme Court decisions interpreting American constitutional system.

**POLS–Y 306 State Politics in the United States (3 cr.) S & H** Comparative study of politics in the American states. Special emphasis on the impact of political culture, party systems, legislatures, and bureaucracies on public policies.

**POLS–Y 307 Indiana State Government and Politics (3 cr.) S & H** Constitutional foundations, political development, organizational and functional process and growth, and current problems of Indiana government. Readings, case studies, problems.

**POLS–Y 308 Urban Politics (3 cr.) S & H** Political behavior in modern American communities; emphasizes the impact of municipal organization, city officials and bureaucracies, social and economic notables, political parties, interest groups, the general public, and protest organizations on urban policy outcomes.

**POLS–Y 311 Democracy and National Security (3 cr.) S & H** Analysis of fundamental tensions between democratic values and the requirements of national security. Topics include homeland security and civil liberties in an age of terror, civil-military relations, oversight of intelligence operations, effects of interventions and wars on democracy abroad and at home, and debates over the morality of United States security policies.

**POLS–Y 313 Environmental Policy (3 cr.) S & H** Examines the processes of social decision reconciling human demands on the natural world with the ability of nature to sustain life and living standards. Analyzes the

implications for public policies in complex sequential interactions among technical, economic, social, and political systems and considers the consequences of alternative courses of action.

**POLS–Y 315 Political Psychology and Socialization (3 cr.) S & H** Analysis of the relationship between personality and politics. Use of major psychological theories and concepts to understand the attitudes and behavior of mass publics and political elites.

**POLS–Y 317 Voting, Elections, and Public Opinion (3 cr.) S & H** Determinants of voting behavior in elections. The nature of public opinion regarding major domestic and foreign policy issues; development of political ideology; other influences on the voting choices of individuals and the outcomes of elections; relationships among public opinion, elections, and the development of public policy. Credit not given for both Y316 and Y317.

**POLS–Y 318 The American Presidency (3 cr.) S & H** Examination of the American presidency both in historical setting and in contemporary context. Topics such as presidential elections, roles and resources of the president, structures and processes of the presidency, presidential leadership and behavior, relationships of the presidency and other participants in policy making.

**POLS–Y 319 The United States Congress (3 cr.) S & H** Evolution and development of the contemporary Congress. Topics such as electoral processes; organizational structures and procedures of the Senate and House of Representatives; involvement of Congress with other policymaking centers; lawmaking, representative, and oversight activities of the national legislature.

**POLS–Y 320 Judicial Politics (3 cr.) S & H** Examines the American judicial system in the contemporary context. Analysis of the trial and appellate courts with a focus on the United States Supreme Court. Topics include analyses of the structure of the judicial system, the participants in the system, and the policy making processes and capabilities of the legal system. The course concludes with an assessment of the role of courts in a majoritarian democracy.

**POLS–Y 324 Women and Politics (3 cr.) S & H** Analysis of women in contemporary political systems, domestic or foreign, with emphasis on political roles, participation, and public policy. Normative or empirical examination of how political systems affect women and the impact women have on them. Topics vary semester to semester. May be repeated once for credit with a different topic.

**POLS–Y 325 African American Politics (3 cr.) S & H, CSA** Examines the African American political condition, with special emphasis on political thought and behavior. The course analyzes not only how the political system affects African Americans, but also the impact African Americans have on it. Themes for this course may vary.

**POLS–Y 326 American Social Welfare Policy (3 cr.) S & H** Values and social welfare policy. Development, current status, politics, and proposals for reform of Social Security and private pensions, income maintenance policy, health care, and housing. The future of the welfare state.

**POLS–Y 329 Racial and Ethnic Politics in the United States (3 cr.) S & H, CSA** A survey of minority group politics in the United States. The course examines the socioeconomic position and political history of various demographic groups and highlights key public policy debates central to the future of ethnic politics and race relations in the United States. Compares theories of racial formation in the context of a political system predicated on majority rule.

**POLS–Y 332 Russian Politics (3 cr.) S & H, CSA** Political process and government structure in the Russian state. Political institutions inherited from tsarist empire and the Soviet state (1917–1991), history of subsequent political reform. Political problems of ethnic conflict, creating democratic institutions, and of transition from socialism to market economy.

**POLS–Y 333 Chinese Politics (3 cr.) S & H, CSA** Explores contemporary politics and policy issues in the People's Republic of China. Influence of revolutionary practice and ideology; analysis of contemporary economic, political and social organizations; examination of policy issues including social reforms, economic growth, and democratization and globalization.

**POLS–Y 334 Japanese Politics (3 cr.) S & H, CSA** Political development of Japan, with emphasis on changing attitudes toward modernization; cultural and sociological factors affecting the functioning of contemporary political institutions; and the implication of Japanese experience in modernization of other developing societies.

**POLS–Y 335 Western European Politics (3 cr.) S & H, CSB** Development, structure, and functioning of political systems, primarily in France, Italy, and Germany. Political dynamics of European integration.

**POLS–Y 336 South East Asian Political Systems (3 cr.) S & H, CSA** Covers the governmental organization, and the political behavior and traditions, of countries in the South East Asian region. Addresses regional issues of political and economic development, and international issues regarding the relationship of the region to the rest of the world.

**POLS–Y 337 Latin American Politics (3 cr.) S & H, CSA** Comparative analysis of political change in major Latin American countries, emphasizing alternative explanations of national and international developments; examination of impact of political parties, the military, labor and peasant movements, Catholic Church, multinational corporations, regional organizations, and United States on politics; public policy processes in democratic and authoritarian regimes.

**POLS–Y 338 African Politics (3 cr.) S & H, CSA** Explores politics in Sub-Saharan Africa. Examines relevance of "traditional" political systems; impact on colonialism; building new nations and states; authoritarian regimes; process of democratization; management of ethnic, regional, religious and class conflict; political challenges of economic development; role of international actors, including the United States, United Nations, World Bank, and non-governmental organizations; and globalization.



**POLS-Y 339 Middle Eastern Politics (3 cr.) S & H, CSA** Political culture and change in selected Middle Eastern and North African countries. Topics include political elites, traditional cultures, modern political ideology, institutions of political control, conflict management, and social reform policies.

**POLS-Y 340 East European Politics (3 cr.) S & H, CSA** Compares political change in the East European states, and emphasizes the legacies of authoritarianism and communism and the post-communist transition to democracy. Topics include the building of political institutions, the inclusion of citizens into the polity, the reform of the economy, the management of ethnic and social conflicts, and integration into the European Union.

**POLS-Y 342 Topics on the Regional Politics of Africa (3 cr.) S & H, CSA** Problems of political development within regions of sub-Saharan Africa. Political party organization and tactics, recruitment of political and administrative leadership, tactics of voluntary associations, patterns of international relations. May be repeated once for credit with consent of instructor and departmental undergraduate advisor.

**POLS-Y 343 The Politics of International Development (3 cr.) S & H** Examines the key debates and issues regarding how "poor" countries develop economically and socially. Analyzes the interactions between politics and economics in the development process at the global, national, and local levels. Cases for comparison will include countries from Africa, Latin America, Asia, and the Middle East.

**POLS-Y 345 Comparative Revolutions (3 cr.) S & H** Analysis of major modern revolutions. Focus on the social, economic, and political causes of revolutions; the rise of revolutionary movements; and the strategies for gaining and consolidating power.

**POLS-Y 346 Politics in the Developing World (3 cr.) S & H** Focuses on politics in the developing world (Africa, Asia, Latin America, and the Middle East). Comparison of political history; experiences of colonialism and post-colonial authoritarian systems; political economy; development and globalization; democratization and management of protest and conflict; and interactions with international actors and transnational social movements.

**POLS-Y 347 German Politics (3 cr.) S & H, CSB** Survey of the German political system including governmental institutions, the origins and role of political parties, opportunities for citizens to participate in politics, and current political culture. Special attention is paid to the question of how well Germany's democracy functions after experiencing several regime changes.

**POLS-Y 348 The Politics of Genocide (3 cr.) S & H, CSA** Comparative study of major twentieth-century genocides. Examines the political conditions, ideologies, and movements leading up to mass murder, and the ethnic and global context of genocide. Focuses on the question of responsibility and accountability from the viewpoints of perpetrators, victims, and bystanders in the national and international communities.

**POLS-Y 349 Comparative Public Policy (3 cr.) S & H** Investigates public policies and policy making among advanced industrial democracies from a comparative

perspective. Usually covers policy areas such as immigration, health care, education, and taxation.

**POLS-Y 350 Politics of the European Union (3 cr.) S & H, CSB** Study of the politics of the European Union (EU). Assesses past and present dynamics of economic and political integration in Europe, the structure and work of European Union institutions, and EU public policies such as the Single Market, the common currency, common foreign and security policy, and trade.

**POLS-Y 351 Political Simulations (1-3 cr.)** A course tied to simulations of international organizations such as the European Union, the United Nations, or the Organization of American States. May be taken alone or in conjunction with related political science courses. May be repeated for a maximum of 3 credit hours.

**POLS-Y 352 The Holocaust and Politics (3 cr.) S & H, CSA** Examination of the socioeconomic conditions and political ideologies leading up to the Holocaust, and the political, administrative, and social context for the genocide from the vantage of perpetrators, victims, and bystanders. Focus on the individual, national, and international responses to and responsibilities for the Holocaust. Consideration of the Holocaust's legacies for the postwar world.

**POLS-Y 353 The Politics of Gender and Sexuality (3 cr.) S & H, CSA** Analysis of the gendered roles of women and men in politics and examination of the interplay between gender relations and public and private institutions. Includes exploration of political and social movements that attempt to influence public policy about gender and/or sexuality in the United States and in other countries. Examines how different social, economic, and political practices play a role in the construction of gender and sexuality. May be repeated with a different topic for a maximum of 6 credit hours.

**POLS-Y 356 South Asian Politics (3 cr.) S & H, CSA** Introduction to the legacy of British colonialism in South Asia, to the development and decay of political institutions, to questions of economic growth, to social movements, and to regional conflicts.

**POLS-Y 360 United States Foreign Policy (3 cr.) S & H** Analysis of institutions and processes involved in the formation and implementation of American foreign policy. Emphasis is on post-World War II policies.

**POLS-Y 361 Contemporary Theories of International Politics (3 cr.) S & H** Theories used in the study of international politics: systems theory, field theory, conflict theory, alliance and coalition theories, balance-of-power theories, and an introduction to game and bargaining theory.

**POLS-Y 362 International Politics of Selected Regions (3 cr.) S & H** The region studied will vary with the instructor and the year. Current information may be obtained from the Department of Political Science. May be repeated once for credit, with permission of the departmental undergraduate advisor.

**POLS-Y 363 Comparative Foreign Policy (3 cr.) S & H** Compares factors that influence foreign policy and the foreign policy process. Focuses on domestic or internal sources of foreign policy behavior, including impact of individual leaders, group decision-making

processes, bureaucratic politics, ideology and political culture, historical experience, and type of political system. Classroom simulations are central to the course.

**POLS–Y 364 International Organization: Political and Security Aspects (3 cr.) S & H** International organizations as lateral extensions of the Western state system, exercising influence in accordance with a variety of strategies. Strategies employed by the United Nations in the political and security area.

**POLS–Y 366 Current Foreign Policy Problems (3 cr.) S & H** Critique of foreign policy issues: communism, containment, imperialism, and others. Research papers and classroom presentation for critical discussion.

**POLS–Y 367 International Law (3 cr.) S & H** Sources and consequences of international law; relationship to international organizations and world order; issues of national sovereignty, human rights, conflict resolution, international property rights, world trade, environmental change, and other topics.

**POLS–Y 368 Russian and Soviet Foreign Policy (3 cr.) R: Y332. S & H, CSA** Behavior of Russia and U.S.S.R. in world affairs from 1945 to the present. Emphasis on impact of geographic assets and vulnerabilities, historical experience, domestic politics, and the changing international environment.

**POLS–Y 372 The Analysis of International Politics (3 cr.) R: Y109 or equivalent. S & H** Introduction to the systematic study of international politics, focusing on the major approaches of decision making (microanalysis) and the international system (macroanalysis) and on a number of specific methodologies, such as game theory, content analysis, simulation, and quantitative/ statistical techniques.

**POLS–Y 374 International Organization (3 cr.) S & H** Examines assumptions about the causes, functions, results, and structures of international (intergovernmental) organizations. Theory is combined with case study of the United Nations particularly. The European Community and regional organization examples provide a basis for understanding an evolving phenomenon.

**POLS–Y 375 War and International Conflict (3 cr.) S & H** The nature of war. Theories and evidence on the causes of war. Discussion of the ways in which war has been conceived and perceived across time and of methods employed to study the phenomenon of war.

**POLS–Y 376 International Political Economy (3 cr.) S & H** Theories about the interaction between the international economic and political systems are the subject of this course. Works from each of the main traditions—liberal, Marxist, and statist—will be assigned. Specific topics covered will include (among others): the politics of trade, aid, foreign investment, and international monetary affairs; theories of dependency and imperialism; the politics of international competition in specific industries; the stability/ instability of international economic regimes.

**POLS–Y 379 Ethics and Public Policy (3 cr.) A & H** Examines questions at the intersection of ethics and public policy. What morally problematic means are justified in pursuing political ends? What should be the ends of public policy? What are the moral responsibilities of public

officials when they try to answer the first two questions? Uses ethical theory to examine concrete cases in public policy and concrete cases to test the adequacy theory.

**POLS–Y 381 Classical Political Thought (3 cr.) A & H, CSA** An exposition and critical analysis of the major political philosophers and philosophical schools from Plato to Machiavelli.

**POLS–Y 382 Modern Political Thought (3 cr.) A & H, CSB** An exposition and critical analysis of the major political philosophers and philosophical schools from Machiavelli to the present.

**POLS–Y 383 Foundations of American Political Thought (3 cr.) A & H** Explores the evolution of American political ideas from colonization through ratification of the Constitution and its implementation.

**POLS–Y 384 Developments in American Political Thought (3 cr.) A & H** Explores the evolution of American political ideas under the Constitution of the United States, and its promises and problems.

**POLS–Y 386 African American Political Thought (3 cr.) A & H, CSA** Focuses on the various ideologies and strategies informing the African American political struggles in the United States. Readings focus on thinkers and activists from the rebellion against slavery to the contemporary debates about institutional racism and reparations. Features work by African American thinkers associated with a broad range of movements.

**POLS–Y 388 Marxist Theory (3 cr.) A & H** Origin, content, and development of Marxist system of thought, with particular reference to philosophical and political aspects of Russian Marxism.

**POLS–Y 394 Public Policy Analysis (3 cr.) S & H** Place of theory and method in examining public policies in relation to programs, institutional arrangements, and constitutional problems. Particular reference to American political experience.

**POLS–Y 395 Quantitative Political Analysis (3 cr.) P: MATH M118 or A118 or equivalent. N & M** Introduction to methods and statistics used in political inquiry, including measures of central tendency and dispersion, probability, sampling, statistical inference and hypothesis testing, measures of association, analysis of variance, and regression. Credit given for only one of Y395, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, PSY K300 or K310, SOC S371, STAT K310 or S300, or SPEA K300.

**POLS–Y 401 Topics in Political Science (3 cr.) S & H** Topic varies with the instructor and year; consult the online *Schedule of Classes* for current information. May be repeated once for credit.

**POLS–Y 405 Models and Theories of Political Decision Making (3 cr.) P: One course in political science at the 200 level or above. R: ECON E201. S & H** Introduces collective choice and game theory for understanding how societies make political decisions. Examines how institutions, or the political context in which decisions are made, affect group choices. Theories of individual and group decision making, collective choice, and social dilemmas. Applications to congressional

politics, intergovernmental relations, and parliamentary democracies.

**POLS–Y 406 Problems in Political Philosophy (3 cr.)**

**A & H** Centers on conflicting interpretations of justice, liberty, and equality, as well as certain problems of democracy, including the tension between majority rules and minority rights, and the correlation of rights and duties. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

**POLS–Y 407 Problems in Comparative Politics (3 cr.)**

**S & H** Exploration of issues and themes in the field of comparative politics. Includes advanced methodological, empirical, and theoretical approaches. Topics vary. May be repeated with a different topic for a maximum of 6 credit hours.

**POLS–Y 480 Undergraduate Readings in Political Science (1-6 cr.)**

Individual readings and research. No more than 6 credit hours total may be taken. May be taken only with consent of instructor.

**POLS–Y 481 Field Experience in Political Science (1-6 cr.)**

**P:** Junior or senior standing, 15 credit hours of political science, and project approval by instructor. Faculty-directed study of aspects of the political process based on field experience. Directed readings, field research, research papers. Certain internship experiences may require research skills. May be repeated for a maximum of 6 credit hours.

**POLS–Y 484 Practicum (1-6 cr.)**

**P:** Consent of instructor. Faculty-directed participation in the various aspects of academic teaching and research. Students will assist a faculty member in such activities as directing simulations, grading, teaching discussion sections, doing research. Individual assignments will vary by instructor. May be repeated for a maximum of 6 credit hours.

**POLS–Y 490 Senior Seminar in Political Science (3 cr.)**

**P:** Senior standing or consent of department. Seminar sessions arranged to present papers for evaluation and criticism by fellow students. Subject matter varies by semester. May be repeated with a different topic for a maximum of 6 credit hours.

**POLS–Y 496 Foreign Study in Political Science (once only, 3-8 cr.)**

**P:** Consent of instructor. Course involves planning of research project during year preceding summer abroad. Time spent in research abroad must amount to at least one week for each credit hour granted. Research paper must be presented by end of semester following foreign study.

**POLS–Y 499 Honors Thesis (1-12 cr.)**

**P:** Approval of instructor and departmental honors director. May be repeated for a maximum of 12 credit hours.

society, rather than merely to describe it. It has directed its attention to political institutions, the legal system, science and technology, medicine, the media, the military, the business corporation, organized religion, the professions, and the academy.

The center's work is conducted through a variety of efforts—sponsoring conferences and seminars; publishing monographs and other papers; bringing distinguished visitors to Bloomington and to other college and university campuses in Indiana; and teaching courses for undergraduates, graduate students, and external audiences.

Further information is available from the Poynter Center office, 618 E. Third Street, Bloomington, IN 47405, (812) 855-0261, [poynter@indiana.edu](mailto:poynter@indiana.edu).

**Contact Information**

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<http://poynter.indiana.edu/>

**Faculty**

**Director**

- Professor Richard B. Miller (Religious Studies)

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## Psychological and Brain Sciences

**Introduction**

The Department of Psychological and Brain Sciences (PSY) offers a major in psychology leading to the B.A. or B.S. degree, a B.S. degree in neuroscience, and course work for undergraduates who wish to satisfy distribution requirements. As a science, psychology seeks to understand the basic principles by which living organisms adapt their behavior to the changing physical and social environments in which they live. The breadth of the discipline, with its links to the humanities, mathematics, and other social and natural sciences, encourages the development of broad problem-solving skills through exposure to research methodology and statistical analysis and contributes to the development of communicative skills. Psychological knowledge, techniques, and skills obtained in the B.A. and B.S. programs are applied in many careers and provide background for students entering graduate work in psychology and related areas, as well as the professions of medicine, dentistry, law, and business.

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## Poynter Center

**Introduction**

The Poynter Center for the Study of Ethics and American Institutions seeks to foster the examination and discussion of ethical issues in our professional, public, and national life and to foster the examination and discussion of ethical issues. The center's approach is informed by the spirit of the humanities, attempting to understand and evaluate our

**Contact Information**

Psychological and Brain Sciences  
Indiana University  
Room 229, Psychology Building  
Bloomington, IN 47405

(812) 855-2151

[psyneuro@indiana.edu](mailto:psyneuro@indiana.edu)

<http://psych.indiana.edu/>

**Faculty****Chairperson**

- Distinguished Professor and Chancellor's Professor  
Linda B. Smith

**Associate Chairperson**

- Olaf Sporns

**Distinguished Professors**

- Robert Nosofsky
- Richard M. Shiffrin
- Linda B. Smith
- James T. Townsend

**Eleanor Cox Riggs Professor**

- Aina Puce

**Jack and Linda Gill Chairs**

- Cary Lai
- Kenneth Mackie

**Luther Dana Waterman Professor**

- Richard M. Shiffrin

**Rudy Professors**

- Bennett I. Bertenthal
- James T. Townsend
- Stanley Wasserman

**Chancellor's Professors**

- James C. Craig
- Robert L. Goldstone
- Robert Nosofsky
- David B. Pisoni
- George V. Rebec
- Steven J. Sherman
- Linda B. Smith

**Distinguished Scholar**

- William Estes

**Professors**

- Jeffrey R. Alberts
- John E. Bates
- Geoffrey Bingham
- Sharon Brehm
- Jerome R. Busemeyer
- Thomas A. Busey
- Joseph Farley
- Peter Finn
- Preston Evans Garraghty
- Julia R. Heiman
- William Hetrick
- Edward R. Hirt
- Amy Holtzworth-Munroe

- Susan S. Jones
- John K. Kruschke
- Brian F. O'Donnell
- Dale R. Sengelaub
- Eliot R. Smith
- Olaf Sporns
- William D. Timberlake
- Peter Todd
- Richard Viken
- Meredith West

**Associate Professors**

- Jason M. Gold
- Luiz Pessoa
- Cara L. Wellman

**Assistant Professors**

- Heather Bradshaw
- Joshua Brown
- Brian D'Onofrio
- Karin Harman James
- Thomas W. James
- Michael Jones
- Sharlene D. Newman
- Anne Prieto
- Robert Rydell
- Chen Yu

**Lecturers**

- Cynthia Hoffman
- Ben Motz
- Alan Roberts
- Linda Hoke Sinex
- Lisa Thomassen
- Scott Thompson
- Irene Vlachos-Weber

**Academic Advising**

- Janis Bolling, Carlin C. Schrag, Jacqueline Watson: Psychology 229, (812) 855-2151, [psyneuro@indiana.edu](mailto:psyneuro@indiana.edu)

**Major in Psychology—B.A.****Purpose**

The B.A. program provides a broad coverage of modern scientific psychology and of the strategies and tactics by which knowledge is acquired in this field. The B.A. program offers the student considerable flexibility in choosing courses, and it requires sufficient background in science and psychology to enable good students to qualify for demanding graduate programs.

**Required Courses**

Students must complete the following courses in psychology:

1. One of the following entry-level sequences:

- P155, P199, and P211 **or**
- P106 and P199 **or**
- P101, P102, P199, and P211

(**Note:** P299 may be substituted for P199 in any of the sequences above.)

2. PSY-K 300 or K310 or a substitute approved by the undergraduate advisor.
3. All of the following foundational courses: P304, P335, P346.
4. One advanced course chosen from P337, P349, P402, P405, P406, P407, P409, P410, P411, P413, P416, P417, P423, P425, P430, P434, P437, P438, P440, P441, P442, P443, P444, P446, P447, P448, P449, P455, P457 (if appropriate topic), P459, P460, P466, P495.
5. Two elective courses chosen from P303, P315, P316, P319, P323, P324, P325, P327, P329, P330, P336, P340, P350, P357, P375.
6. One capstone course or appropriate substitute: P404, P421, P424, P426, P429, P433, P435, P436, P493, P494, or P499.
7. Mathematics M118, or M119, or M120, or a 200-level mathematics course, or the equivalent, completed with a C– or higher.
8. A one-semester course in biology completed with a C– or higher.
9. One additional course completed with a C– or higher selected from one of the following departments: Anthropology (B200 Bioanthropology only), Biology, Chemistry, Computer Science, Mathematics (in addition to the course used to satisfy requirement number 7 listed above), and Physics.

Students must also complete the degree requirements for the B.A. degree in the College of Arts and Sciences.

### Required Outside Concentration

A single outside concentration is required of all majors in psychology. The outside concentration must consist of 12 credit hours at any level or of three courses above the 100 level, taken in one department. The following disciplines are examples of outside concentrations chosen by psychology majors: animal behavior, anthropology, biology, business, chemistry, cognitive science, computer science, criminal justice, foreign languages, gender studies, history and philosophy of science, human development and family studies, linguistics, mathematics, philosophy, or sociology. Students can fulfill this requirement by completing an optional minor, offered by many departments. (See individual departments' sections in this *Bulletin* for specific required courses.)

### Recommendations

We strongly recommend that students fulfill the entry-level sequence and all foundational courses (P304, P335, P346) by the end of the second year of studies. Students should consult with one of the undergraduate advisors for additional information on the above requirements. See also the departmental information available at [www.psych.indiana.edu](http://www.psych.indiana.edu). We recommend that students take P199 Planning Your Psychology Career in the spring of their sophomore year. This course can be used for career guidance and provides students with invaluable information at an appropriate time.

## Major in Psychology—B.S.

### Purpose

The B.S. program in psychology is designed for career-oriented and highly motivated students. The program emphasizes breadth of preparation in science and development of math and computer skills, and it requires more advanced courses and laboratory work in psychology than the B.A. program. The student who graduates with a B.S. in psychology should be well prepared for graduate training in psychology and related fields, for professional schools, and for jobs (not necessarily in psychology) that use scientific training and quantitative techniques.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing, same as B.A. degree.
2. Mathematics, two courses from the following or an approved equivalent: M118, M119, M120, any 200-level or higher course with an "M" prefix (such as M211).
3. Computer science, submission of Computer Skills Certification form (available online at [www.psych.indiana.edu](http://www.psych.indiana.edu)) signed by the Department of Psychological and Brain Sciences faculty, or completion of at least 5.5 credit hours from the following list of courses: CSCI-A 111, A112, A113, A114, A201, or A202, or an approved substitute.
4. Foreign language, 3 credit hours at or above the second-year level (or equivalent proficiency) in one language.
5. One Topics course (COLL-E 103, E104, or approved equivalents).
6. Arts and Humanities, three courses (could include COLL-E 103 or equivalent from number 5 above).
7. Social and Historical Studies, three courses, exclusive of psychology courses (could include E104 or equivalent from number 5 above).
8. Natural and Mathematical Sciences: must include Biology-L 112 and L113 and one of the following combinations:
  - Two mathematics courses beyond the two fundamental skills courses listed above or
  - Physics P201-P202 (or P221-P222) or
  - Chemistry, complete all courses within one set: C101-C121-C102-C122 or C103-C117 or C117-C341 or C117-R340 or
  - One additional course in biology for majors (such as L111 or L211) and one other course from the mathematics, physics, and chemistry courses listed above.

### Major Requirements

1. One of the following entry-level sequences:
  - P155, P199, and P211 or
  - P106 and P199 or
  - P101, P102, P199, and P211

(**Note:** P299 may be substituted for P199 in any of the sequences above.)

2. K300 or K310, or a substitute approved by the undergraduate advisor.
3. All of the following foundational courses: P304, P335, P346.
4. Three advanced courses from P337, P349, P402, P405, P406, P407, P409, P410, P411, P413, P416, P417, P423, P425, P430, P434, P437, P438, P440, P441, P442, P443, P444, P446, P447, P448, P449, P455, P457 (if appropriate topic), P459, P460, P466, P495.
5. Two capstone courses or appropriate substitutes from P404, P421, P424, P426, P429, P433, P435, P436, P493, P494, or P499.

### Recommendations

We strongly recommend that students fulfill the entry-level sequence and all foundational courses (P304, P335, P346) by the end of the second year of studies.

Students should consult with one of the psychological and brain sciences undergraduate advisors for additional information on the above requirements. See also the departmental information available at [www.psych.indiana.edu](http://www.psych.indiana.edu).

We recommend that students take P199 Planning Your Psychology Career in the spring of their sophomore year. This course can be used for career guidance and provides students with invaluable information at an appropriate time.

### Required Outside Concentration

A single outside concentration is required of all majors in psychology. The outside concentration must consist of 12 credit hours at any level or of three courses above the 100 level, taken in one department. The following disciplines are examples of outside concentrations chosen by psychology majors: animal behavior, anthropology, biology, business, chemistry, cognitive science, computer science, criminal justice, foreign languages, gender studies, history and philosophy of science, human development and family studies, linguistics, mathematics, philosophy, or sociology. Students can fulfill this requirement by an optional minor, offered by many departments. (See individual departments' sections in this *Bulletin* for specific required courses.)

## Major in Neuroscience—B.S.

### Purpose

The B.S. in Neuroscience is designed for students who have an interest in the interdisciplinary field of neuroscience and who are interested in pursuing graduate training in neuroscience, attending medical school, or obtaining a research-related position in biotechnology, the life sciences, or the pharmaceutical industry. The major provides interdisciplinary training in basic scientific principles in the life and physical sciences that are necessary for an understanding of nervous system function, as well as training in the fundamental principles of neuroscience, and opportunities for more advanced training in specific topics in the field. Thus, students will gain a depth of understanding in neuroscience, from the cellular and molecular bases of nervous system function,

to a systems-level approach to the study of brain-behavior relationships.

### Required Courses

Students must complete the following fundamental skills and distribution requirements:

1. Writing, English Composition and Intensive Writing.
2. Mathematics, fulfilled by major requirements.
3. Foreign language, three semesters in the same language, or equivalent proficiency.
4. One Topics course (COLL-E 103, COLL-E 104, or approved equivalents).
5. Arts and Humanities, two courses (could include COLL-E 103 or equivalent from number 4 above).
6. Social and Historical Studies, two courses (could include COLL-E 104 or equivalent from number 4 above).
7. Natural and Mathematical Sciences, fulfilled by major requirements.

### Major Requirements

Students must complete the following courses:

1. Introductory courses:
  - PSY-P 101 or PSY-P 106 or PSY-P 155
  - PSY-P 346 (or P326)
  - BIOL-L 112 or BIOL-H 112
  - CHEM-C 117, C341 (or R340), and C343
  - PHYS-P 201 and P202 (or P221 and P222)
2. Mathematics courses:
  - MATH-M 211 (or both M119 and M120)
  - PSY-K 300 or K310 or a substitute approved by the undergraduate advisor
3. Basic non-neuroscience courses: Select three courses from CSCI-A 321, CHEM-C 342, BIOL-L 211, BIOL-L 311, BIOL-L 312, MATH-M 212, MATH-M 301, or MATH-M 303.
4. Advanced neuroscience courses: Select four courses from PSY-P 337, P349, P406, P407, P409, P410, P411, P423, P437, P441, P466, P457 (any topic with P326 or P346 as a prerequisite), or approved BIOL-L 410 seminars, or PHYS-P 317.
5. Laboratory courses: Select one from PSY-P 426, PSY-P 433, or an approved neuroscience laboratory using an appropriate departmental research course for enrollment such as: PSY-P 493, PSY-P 494, PSY-P 499, BIOL-L 490, CHEM-C 409, PHYS-S 406, SPHS-S 480.

## Interdepartmental Major in Psychology and Speech and Hearing Sciences

### Required Courses

Students must complete a minimum of 40 credit hours, including at least 12 credit hours at or above the 300 level in psychology, and at least 12 credit hours at or above the 300 level in speech and hearing sciences.

Students must also complete the degree requirements for the B.A. in the College of Arts and Sciences.

## Psychology

1. One of the following entry-level sequences:

- P155, P199, and P211 **or**
- P106 and P199 **or**
- P101, P102, P199, and P211

(Note: P299 may be substituted for P199 in any of the sequences above.)

2. PSY-K 300 **or** K310 **or** a substitute approved by the undergraduate advisor.

3. 3 credit hours from P303, P325, P326, P327, P329, P330, P335, P337, P340, P346, P349, P350, P357 (depending on topic), P402 (depending on topic), P405, P407, P410, P411, P413, P416, P417, P423, P437, P438, P444, P459.

4. 3 credit hours from P304, P315, P316, P319, P320, P323, P324, P336, P357 (depending on topic), P375, P402 (depending on topic), P425, P430, P434, P442, P446, P447, P448.

5. Advanced laboratory: one from P421, P424, P426, P429, P435, P436, P493, P494, P495, or P499. (Another 400-level PSY course may be substituted for this requirement by permission of the undergraduate advisor.)

6. One additional course in psychology numbered 300 or above.

## Speech and Hearing Sciences

1. S111.
2. S275, S319, S333.
3. S201 or S375.
4. At least three courses from S307, S378, S420, S436, S444, S474, S478.

## Other Requirements

The following courses must be completed with a minimum grade of C–:

1. Mathematics M118, or M119, or M120, or a 200-level mathematics course, or the equivalent.
2. A one-semester course in biology.
3. Linguistics L103 or L303.

## Minor in Psychology

### Required Courses

Students must complete 15 College of Arts and Sciences credit hours including:

1. P106 or P155 or both P101 and P102.
2. Psychology K300 or K310 or another approved College statistics course or P211.
3. Any two additional courses in psychology at the 300 or 400 level.
4. In addition, students must complete mathematics M118, or M119, or a 200-level mathematics course, or the equivalent with a minimum grade of C–.

All courses must be completed with a C– or higher, and minor courses must average a minimum of 2.000 overall to earn a minor.

Students whose major department requires a minor should consult with their advisor about additional or other requirements.

## Neuroscience Certificate

### Purpose

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. Through course work and lab experiences in this interdisciplinary certificate program, students will develop an in-depth understanding in neuroscience, from the cellular and molecular bases of nervous system function, to a systems-level approach to the study of brain-behavior relationships.

### Required Courses

Students must complete a minimum of nine courses (three required basic courses, three advanced neuroscience courses, two labs, one elective) for a minimum total of 24 credit hours. Students must complete each course required for the certificate with a grade of C– or higher, with an overall GPA of 2.000 for all certificate courses. Students completing a major in Neuroscience are not eligible to complete this certificate.

### Required Basic Courses

Complete all three:

1. PSY-P 101 **or** P106 **or** P155
2. PSY-P 346 (**or** P326)
3. BIOL-L 112 or H 112

### Advanced Neuroscience Courses

Complete any three courses from the following:

- PSY-P 337, P 349, P 406, P 407, P 409, P 410, P 411, P 423, P 437, P 441, P 444, P 466, P 457 (any topic with P326 or P346 as a prerequisite)
- BIOL-L 410 (approved seminars)
- COGS-Q 301

### Lab Courses

Any two from the following:

- PSY-P 426 or P 433
- An approved lab experience with enrollment in an appropriate departmental research course such as PSY-P 493 or P 494 or P 499, BIOL-L 490, CHEM-C 409, PHYS-S 406, SPS-S 480

### Elective Courses

Any one from the options below. Note that some of the elective courses have prerequisites that are not included in the "Required Basic Courses" listed above.

- ANAT-A 464
- BIOL-L 111, L211, L311, L312, L317, L321, L331, P451, Z466
- CHEM-C 101-C121, C102-C122, C103, C117, C118, C341, C342, C343, C344, C483, C485
- PHSL-P 416 or P417
- PSY-P 303 or P329

## Departmental Honors Program

The department offers several special courses for outstanding students. P106 is an intensive introductory course. Special courses, P402 and P499, for more advanced students, provide increasing involvement in special problems and research programs, terminating with an independent research project and an honors thesis.

Application for admission to the honors program may be made during the sophomore or junior year. To earn the psychology or neuroscience honors degree, the student must complete P499, including an independent laboratory research project and thesis. We recommend students begin this project no later than spring of their junior year in order to allow adequate time for completion before graduation. Students interested in the honors program should request further information from the departmental advisors.

## Overseas Study

Students are encouraged to study abroad, particularly in Indiana University overseas study programs, where they can continue to make progress toward their degrees and usually apply financial aid to program fees. For information about study abroad, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304 ([www.indiana.edu/~overseas](http://www.indiana.edu/~overseas)).

## Course Descriptions

**PSY-P 101 Introductory Psychology I (3 cr.) N & M** Introduction to psychology; its methods, data, and theoretical interpretations in areas of learning, sensory psychology, and psychophysiology. Equivalent to IUPUI B105 and P151. Credit given for only one of P101, or P151, or P106. I Sem., II Sem., SS.

**PSY-P 102 Introductory Psychology II (3 cr.)** P: P101 or P151. **S & H** Continuation of P101. Developmental, social, personality, and abnormal psychology. Equivalent to IUPUI B104 and P152. Credit given for only one of P102, P152, or P106. I Sem., II Sem., SS.

**PSY-P 106 General Psychology, Honors (4 cr.)** P: Consent of instructor or Hutton Honors College. **N & M** Intensive introduction to psychology. Lectures and demonstrations, laboratory exercises, and student projects. Combines material from P101 and P102 and P211, or P151 and P152 and P211. Credit given for only one of P106, or P101 and P102, or P151 and P152. I Sem., II Sem., SS.

**PSY-P 151 Introduction to Psychology I for Majors (3 cr.) N & M** Introduction to psychology for majors: its roots, methods, data, and theory. Major topics will include experimental methodology, neural science, learning and memory, sensation, perception, and cognition, with particular emphasis placed on experimental design and quantitative analyses. Credit not given for both P151 and P101.

**PSY-P 152 Introduction to Psychology II for Majors (3 cr.) S & H** Introduction to psychology for majors. Continuation of P151. Presents major theoretical issues, research methods, and findings in social psychology, developmental psychology, individual differences, and psychopathology. Credit not given for both P152 and P102.

**PSY-P 155 Introduction to Psychological and Brain Sciences (3 cr.) N & M** An introduction to psychological and brain sciences for psychology majors. Introduces students to the history of psychology and its place in science, to the experimental method, and to the broad range of topics studied by psychological scientists. Credit given for only one of P101, P106, P151, or P155.

**PSY-P 199 Planning Your Psychology Career (1 cr.)** P: P155, or P101 and P102, or P151 and P152 (P152 can be taken concurrently with P199). Intended for psychology majors only. Where do you want to be 10 years from now? How can you get there? Information for undergraduate majors to help them intelligently organize their undergraduate studies. Information about what psychologists do, professional and practical issues in career choice, course selection, intern/research experience, and planning a course of study.

**PSY-P 201 An Introduction to Neuroscience (3 cr.)** P: P155 or P101 or P151, or P106. **N & M** Introduction to recent findings in behavioral neuroscience as they relate to human behavior. Topics may include neural bases of learning and memory, sex differences in the brain, cerebral hemispheric differences, and behavioral consequences of brain damage and neurosurgery. Does not fulfill area requirements for psychology major.

**PSY-P 204 Psychological and Biological Bases of Human Sexuality (3 cr.)** P: P155, P101, P106, or P151. **N & M** Introduction to recent findings in the study of human sexual behavior, with emphasis on the interaction between psychological, social, and biological factors. Topics include sexual differentiation and development, the physiology of sexual response, sexual orientation, and patterns of sexual behavior. Does not fulfill area requirements for psychology major.

**PSY-P 211 Methods of Experimental Psychology (3 cr.)** P: P155 or P101 or P106 or P151. **N & M** Design and execution of simple experiments, treatment of results, search of the literature, and preparation of experimental reports. I Sem., II Sem., SS.

**PSY-P 299 Sophomore Honors Seminar (3 cr.)** P: Approval of department honors committee or consent of instructor. Introduction to faculty laboratory research. Discussion of selected topics in psychology.

**PSY-K 300 Statistical Techniques (3 cr.)** P: MATH M118 or M119. **N & M** Introduction to statistics; nature of statistical data; ordering and manipulation of data; measures of central tendency and dispersion; elementary probability. Concepts of statistical inference and decision: estimation and hypothesis testing. Special topics include regression and correlation, analysis of variance, non-parametric methods. Credit given for only one of K300 or K310, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, SOC S371, STAT K310 or S300, or SPEA K300. I Sem., II Sem., SS.

**PSY-P 303 Health Psychology (3 cr.)** P: P155, or P101 and P102, or P151 and P152. **N & M** Focuses on the role of psychological factors in health and illness. Through readings, lecture, and discussion, students will become better consumers of research on behavior-health interactions and develop a broad base of knowledge



concerning how behaviors and other psychological factors can affect health both positively and negatively.

**PSY-P 304 Social Psychology and Individual Differences (3 cr.)** P: P101 or P106 or P151 or P155 or equivalent. **S & H** A foundations course illustrating how psychological questions and problems can be addressed from the social, group, and individual differences level of analysis. Credit given for only one of P304 or P320.

**PSY-K 310 Statistical Techniques (3 cr.)** P: MATH M119 or equivalent. **N & M** Introduction to probability and statistics; elementary probability theory, conditional probability, independence, random variables, discrete and continuous probability distributions, measures of central tendency and dispersion. Covers concepts of statistical inference and decision; estimation and hypothesis testing; Bayesian inference; and statistical decision theory. Special topics include regression and correlation, time series, analysis of variance, non-parametric methods. Credit given for only one of K310 or K300, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, SOC S371, STAT K310 or S300, or SPEA K300. I Sem., II Sem., SS.

**PSY-P 315 Developmental Psychology (3 cr.)** P: P155, or P101 and P102, or P106, or P151 and P152. **S & H** An introduction to how and why behavior changes over time. The theories and methods used to study behavioral change in both human and nonhuman models. Topics include development in perception, movement, language, cognition, and social/emotional behavior. I Sem., II Sem., SS.

**PSY-P 316 Psychology of Childhood and Adolescence (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **S & H** Development of behavior in infancy, childhood, and youth; factors that influence behavior. I Sem., II Sem., SS.

**PSY-P 319 Psychology of Personality (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **S & H** Methods and results of scientific study of personality. Basic concepts of personality traits and their measurements, developmental influences, and problems of integration. I Sem., II Sem., SS.

**PSY-P 320 Social Psychology (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **S & H** Principles of scientific psychology applied to the individual in social situations. Credit given for only one of P304 or P320. I Sem., II Sem., SS.

**PSY-P 323 Industrial/Organizational Psychology (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **S & H** The application of psychological data and theory to the behavior of individuals within organizational settings. Special emphasis on critical assessment of applied techniques.

**PSY-P 324 Abnormal Psychology (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **S & H** A first course in abnormal psychology with emphasis on forms of abnormal behavior, etiology, development, interpretation, and final manifestations. I Sem., II Sem., SS.

**PSY-P 325 Psychology of Learning (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. **N & M** Facts and principles of animal and human learning, especially as treated in theories attempting to provide frameworks for

understanding what learning is and how it takes place. I Sem., II Sem., SS.

**PSY-P 326 Behavioral Neuroscience (3 cr.)** P: P155, or P101, or P151, or P106 and one of the following: BIOL L100, L111, L112, A215, P215, or equivalent. An examination of the cellular bases of behavior, emphasizing contemporary views and approaches to the study of the nervous system. Neural structure, function, and organization are considered in relation to sensory and motor function, motivation, learning, and other basic behaviors. Credit given for only one of P326 or P346.

**PSY-P 327 Psychology of Motivation (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. R: P211. **N & M** How needs, desires, and incentives influence behavior; research on motivational processes in human and animal behavior, including ways in which motives change and develop. I Sem., II Sem.

**PSY-P 329 Sensation and Perception (3 cr.)** P: P155 or P101 or P151 or P106. R: MATH M026 or M119 or introductory physics. **N & M** Basic data, theories, psychophysics, illusions, and other topics fundamental to understanding sensory and perceptual processes. I Sem., II Sem.

**PSY-P 330 Perception/Action (3 cr.)** P: P155 or P101 or P151 or P106. **N & M** Roboticians know that actions like catching a fly ball are exceedingly complex, yet people perform them effortlessly. How perceptual information is generated by and used in guiding such actions is covered, as are issues of motor coordination and control. Classes include laboratories on analysis of optic flow and limb movements.

**PSY-P 335 Cognitive Psychology (3 cr.)** P: P101 or P106 or P151 or P155. **N & M** Introduction to human cognitive processes, including attention and perception, memory, psycholinguistics, problem solving, and thinking. I Sem., II Sem., SS.

**PSY-P 336 Psychological Tests and Individual Differences (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106; and K300 or K310. **N & M** Principles of psychological testing. Representative tests and their uses for evaluation and prediction. Emphasis on concepts of reliability, validity, standardization, norms, and item analysis.

**PSY-P 337 Clinical Neuroscience (3 cr.)** P: P326 or P346. Psychological disorders such as depression and autism exact a huge toll in human suffering and social costs. This course surveys the role of disturbed neural mechanisms on the development of psychological disorders. Methods for investigating the relationship between a disorder and proposed mechanisms will be critically evaluated.

**PSY-P 346 Neuroscience (3 cr.)** P: P155, or P101, P106, or P151 or equivalent. A survey of contemporary neuroscience, examining the neural basis of behavior with approaches including molecular, cellular, developmental, cognitive, and behavioral neuroscience. Sensory and motor function, learning and memory, and other behaviors are considered using anatomical, physiological, behavioral, biochemical, and genetic approaches, providing a balanced view of neuroscience. Credit given for only one of P346 or P326.

**PSY-P 349 Cognitive Neuroscience (3 cr.)** P: P326 or P346. An overview of the field of cognitive neuroscience. The neural basis of cognition is studied by considering the impact of neuropsychological case studies, neuroimaging (ERP and fMRI), and behavioral investigations on our understanding of sensory-motor systems, learning, memory, emotion, and spatial behavior.

**PSY-P 350 Human Factors/Ergonomics (3 cr.)** P: P155 or P101 or P151 or P106. **N & M** Theories and data of experimental psychology applied to the problems of the interaction of people and technology.

**PSY-P 351 Psychobiology, Self, and Society (3 cr.)** P: P155 or P101 or P106 or P151, or permission of instructor. **N & M** The physiological and neural bases of selected behavioral processes (for example, hunger, thirst, sleep, addiction, aggression, sex) will be examined as a means of understanding individual behavior and then in relation to larger, related issues of ethics, law, and societal organization.

**PSY-P 356 Teaching Internship (2 cr.)** P: Undergraduate major in Psychological and Brain Sciences; minimum grade point average of 3.500 in psychology; and permission of the instructor. Supervised experience in assisting in an undergraduate course. Discussion of good teaching practices. Students will complete a project related to the aims of the course in which they are assisting. S/F grading.

**PSY-P 357 Topics in Psychology (3 cr.)** P: P101 or P106 or P151 or P155 or equivalent. Introduction to fundamental issues, integrative approaches, and real-world applications of psychology. Examples include investigating a topic from a developmental, cognitive, individual difference, and neuroscience perspective; or addiction from a clinical, developmental, social, and neuroscience point of view.

**PSY-P 375 Intimate Relationships (3 cr.)** P: P155 or P102 or P152. Focuses on the social psychology of relationships, including marriage, divorce, human sexuality, jealousy, communication, and friendships.

**PSY-P 402 Honors Seminar (3 cr.)** P: Approval of departmental honors committee or consent of instructor. Students may enroll in one of several seminars led by various instructors. May be repeated with different topics for a maximum of 6 credit hours.

**PSY-P 404 Computer and Statistical Models in Psychology (3 cr.)** P: K300 or K310. This laboratory course provides an introduction to elementary mathematical, statistical, and computer models in psychology. Students learn to use computer spreadsheet packages to program formal models and to apply the models to analyze data obtained in psychological experiments.

**PSY-P 405 Elementary Mathematical Psychology (3 cr.)** P: P155 or P101 or P151 or P106; MATH M118 and M119. R: MATH M360. **N & M** Survey of mathematically oriented psychological theories and their applications to learning, perception, psychophysics, decision making, small groups, etc.

**PSY-P 406 Developmental Cognitive Neuroscience (3 cr.)** P: P346. Provides an overview of the field of developmental cognitive neuroscience, the study of the

relation among human brain function, development, and behavior. Critically examines recent research that applies an integration of neurobiological and psychological perspectives to the study of typical and atypical cognitive development.

**PSY-P 407 Drugs and the Nervous System (3 cr.)** P: P326 or P346. Introduction to the major psychoactive drugs and how they act upon the brain to influence behavior. Discussion of the role of drugs as therapeutic agents for various clinical disorders and as probes to provide insight into brain function.

**PSY-P 409 Neural Bases of Sensory Function (3 cr.)** P: P326 or P346. Detailed description of the neural systems responsible for vision, touch, hearing, taste, smell, and balance. Similarities and differences in the strategies employed by these systems will be stressed.

**PSY-P 410 Development of the Brain and Behavior (3 cr.)** P: P326 or P346. Examination of the interaction of the developing brain with the behavior it mediates. Cellular systems and organismal levels of analysis will all be considered in the organization of structure function relationships in the neural basis of behavior.

**PSY-P 411 Neural Bases of Learning and Memory (3 cr.)** P: P326 or P346. Comprehensive survey of theories and data concerned with neural correlates of associative and non-associative forms of learning and memory. Vertebrate and invertebrate model systems and preparations as well as data obtained from the human neuropsychology literature will be studied.

**PSY-P 413 Operant and Pavlovian Conditioning (3 cr.)** P: P325 or consent of instructor. Advanced treatment of the history, basic concepts, theory, and experimental literature of contemporary learning. The focus is on the behavior of nonhuman species.

**PSY-P 416 Evolution and Ecology of Learning (3 cr.)** P: P325, P417, or consent of instructor. Advanced treatment of history, basic concepts, theories, and experimental literature examining the relation of learning and evolution. Compares ethological, comparative, and general process approaches.

**PSY-P 417 Animal Behavior (3 cr.)** P: P155, or P101, or P151, or P106. **N & M** Methods, findings, and interpretations of recent investigations of animal behavior.

**PSY-P 421 Laboratory in Social Psychology (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310, and P320 or P304. Research methodology in the study of social behavior. I Sem., II Sem., SS.

**PSY-P 423 Human Neuropsychology (3 cr.)** P: P326 or P346 or equivalent. A critical examination of neurological functioning with respect to human and other animal behavior. Assesses the behavioral functions of neural structures and systems through understanding the behavioral consequences of brain damage and through basic experimental study.

**PSY-P 424 Laboratory in Sensation and Perception (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310, and P329. The experimental investigation of current and classical problems in sensory psychology and perception.

**PSY-P 425 Behavior Disorders of Childhood and Adolescence (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106, and P324. A survey of major behavior disorders, with emphasis on empirical research and clinical description relative to etiology, assessment, prognosis, and treatment.

**PSY-P 426 Laboratory in Behavioral Neuroscience (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310; and P326 or P346. Experiments with and demonstrations of contemporary approaches in behavioral neuroscience. I Sem., II Sem.

**PSY-P 429 Laboratory in Developmental Psychology (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310; and P315 or P316. Research methods in developmental psychology and their application to selected problems in the development of humans and of nonhuman species.

**PSY-P 430 Behavior Modification (3 cr.)** P: P324 and P325 or consent of instructor. Principles, techniques, and applications of behavior modification, including reinforcement, aversive conditioning, observational learning, desensitization, self-control, and modification of cognitions.

**PSY-P 433 Laboratory in Neuroimaging Methods (3 cr.)** P: P211 or P106; P326 or P346; K300 or acceptable substitute. Laboratory experience in all facets of a neuroimaging experiment, including experimental design, data acquisition, data analysis, data interpretation, and data presentation. Introductory magnetic resonance (MR) physics and the physiology of blood oxygen-level dependent (BOLD) changes are included.

**PSY-P 434 Community Psychology (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106; junior or senior standing. R: P324. An ecological orientation to the problems of mental health, social adaptation, and community change.

**PSY-P 435 Laboratory in Human Learning and Cognition (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310; and P325 or P335. Experimental study of human learning and cognitive processes. I Sem., II Sem.

**PSY-P 436 Laboratory in Animal Learning and Motivation (3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300 or K310; and P325 or P327. Experimental studies of animal learning and motivation.

**PSY-P 437 Neurobiology of Addictions (3 cr.)** P: P101 or P106 or P155, and P346, and two biology courses (e.g., L112, L211). **N & M** (Concurrent enrollment in P346 and biology courses only with permission of the instructor.) Provides an in-depth look at the neurobiological bases of addictions, from the cellular, molecular, and systems neuroscience levels of analysis.

**PSY-P 438 Language and Cognition (3 cr.)** P: P155, or P101 and P102, or P151 and P152, or P106. R: P335. **N & M** Methods, research, and theory in psycholinguistics. Examination of speech perception, speech production, psychological studies of syntax and semantics, language development, cognitive basis of linguistic theory,

neurology of language, and language comprehension and thought.

**PSY-P 440 Topics in Cognitive Psychology (3 cr.)** P: P335. A critical examination of an area within cognitive psychology. Topics will vary by semester but could include attention, memory, categorization, imagery, language, thinking, problem solving, or decision making.

**PSY-P 441 Neuropsychology of Language (3 cr.)** P: P346 or P335 or P326. Introduction to the neuroscience of language comprehension, including the basic neuroanatomy of the language system and levels of processing from single word to discourse level. Discussion of such language disorders as dyslexia and aphasia.

**PSY-P 442 Infant Development (3 cr.)** P: P315 or P316. Surveys cognitive, socio-emotional, and perceptual motor development during the first two years of life. Emphasis is on theory and research addressing fundamental questions about the developmental process, especially the biological bases for developmental change.

**PSY-P 443 Cognitive Development (3 cr.)** P: P315 or P316. Human cognitive development. Topics may include language, problem solving, conceptual growth, perception, and cultural influences.

**PSY-P 444 Developmental Psychobiology (3 cr.)** P: P315 or P316. R: P326 or P346. Survey of phylogenetic and ontogenetic principles from a comparative perspective. Focuses on a broad biological approach to organic and social development.

**PSY-P 446 Group Processes (3 cr.)** P: P320 or P304. Social psychological theory and research on the behavior of individuals in groups covering major topics such as group formation and cohesiveness, group performance and decision making, social influence processes in groups, and intragroup and intergroup conflict.

**PSY-P 447 Social Influence Processes (3 cr.)** P: P320 or P304. An advanced review of the theoretical and empirical literature in experimental social psychology concerning social influence processes and effects. Topics to be covered include attitude formation and change, persuasion, conformity, compliance, and behavior change.

**PSY-P 448 Social Judgment and Person Perception (3 cr.)** P: P320 or P304. Judgments, decisions, and perceptions of a social nature include self-knowledge, judgments of causality, biases and errors of social judgment such as stereotyping, and the relation of thinking and feeling. Principles will be considered in the context of applied areas such as law and psychotherapy.

**PSY-P 449 Social Psychology of Public Opinion (3 cr.)** P: P320 or P304. Describes the methods of public opinion research, empowering students to become informed consumers of poll results. Covers basic social psychological processes that shape opinions, such as people's self-interest, group memberships, personal experiences, and conformity. Homework involves analysis and interpretation of data from recent surveys on social and political attitudes.

**PSY-P 452 Psychology in the Business Environment (3 cr.)** P: P101, P102 or P106 or P155, and one additional 300-level course in psychology. R: P304 or P320. The application of psychological methods and theory to

business settings including marketing, human resources, consulting, and human factors.

**PSY-P 453 Decision-making and the Brain (3 cr.)**

P: P326 or P335 or P346. An exploration of how individuals make decisions and what different parts of the brain contribute to decision-making. Focuses on the cognitive psychology of decision-making and on exciting recent advances in the cognitive neuroscience of decision-making, including the new field of neuroeconomics.

**PSY-P 455 The Role of Psychology in Legal Doctrine (3 cr.)**

P: P320 or P304. **S & H** What does psychology theory and research have to offer the law? Explores several important ways in which psychology theory and research can be helpful in making legal decisions and in formulating legal doctrine and policy.

**PSY-P 457 Topics in Psychology (1-3 cr.)** P:

Prerequisites vary according to the topics offered and are specified in the *Schedule of Classes* each term. Studies in special topics not ordinarily covered in other departmental courses. Topics vary with instructor and semester. May be repeated with a different topic for a maximum of 6 credit hours.

**PSY-P 459 History and Systems of Psychology (3 cr.)**

P: P155, or P101 and P102, or P151 and P152, or P106; and 6 additional credit hours in psychology. Historical background and critical evaluation of major theoretical systems of modern psychology: structuralism, associationism, behaviorism, Gestalt psychology, and psychoanalysis. Methodological problems of theory construction and system making. Emphasizes integration of recent trends.

**PSY-P 460 The Psychology of Women (3 cr.)**

P: P101 and P102, or P155, or P106; and 3 additional credit hours in psychology. **S & H** Focus is on a wide range of psychological issues of importance to women (e.g., gender stereotypes, women and work, the victimization of women, etc).

**PSY-P 461 Human Memory (3 cr.)** P: P155, or P101 and P102, or P106; K300 and P335. **N & M** Research, theory, and data on human memory and information-processing models of memory. Credit given for only one of P461 or P340.

**PSY-P 464 Embodied Cognition and Ecological Psychology (3 cr.)**

P: One course from P329, P330 or P335; or permission of the instructor. Proponents of "embodied cognition" argue that embodiment should be part of the solution to problems of cognition, perception, and action. J.J. Gibson argued similarly in his *The Ecological Approach to Visual Perception*, but embodied cognition is not ecological psychology. The course addresses ecological and embodied approaches to psychology, their differences and similarities

**PSY-P 466 Molecular and Cellular Neurobiology (3 cr.)**

P: P326 or P346. **N & M** Introduction to the cellular and molecular processes that give the nervous system its unique character. Covers the cell biology of neurons and glia and mechanisms of synaptic plasticity. Examines the genetic and molecular approaches to the biological basis for higher brain functions such as learning and memory.

**PSY-P 493 Supervised Research (2-3 cr.)** P: P155, or P151 and P152, or P101 and P102, or P106; P211; K300

or K310. Active participation in research. An independent experiment of modest magnitude, participation in ongoing research in a single laboratory. Students who enroll in P493 will be expected to enroll in P494. May be repeated once for a maximum of 6 credit hours. I Sem., II Sem.

**PSY-P 494 Supervised Research II (2-3 cr.)** P: P493. A continuation of P493. Course will include a journal report of the two semesters of work. May be repeated once for a maximum of 6 credit hours. I Sem., II Sem.

**PSY-P 495 Readings and Research in Psychology (1-3 cr.)**

P: Written consent of instructor, junior or senior standing. May be repeated twice for a maximum of 9 credit hours.

**PSY-P 499 Honors Thesis Research (1-12 cr.; max. 12 cr.)**

P: Approval of departmental honors committee. May be substituted for advanced laboratory requirement or, given the permission of the departmental honors committee, for certain other requirements in the program for majors. I Sem., II Sem.

## Religious Studies

### Introduction

The Department of Religious Studies (REL) offers students an opportunity to explore and understand the religious traditions of the world, as well as to study expressions of religious life and thought that may not fall within traditional patterns. The program teaches a variety of approaches to religious studies. The department provides a major and minor and serves the academic interests of nonmajors who want introductory courses in religious studies or advanced courses coordinated with their special interests. Pre-professional students are encouraged to pursue religious studies as a major or double major.

### Contact Information

Department of Religious Studies  
Indiana University  
Sycamore Hall 230  
Bloomington, IN 47405-7005

(812) 855-3531  
[religion@indiana.edu](mailto:religion@indiana.edu)

[www.indiana.edu/~relstud](http://www.indiana.edu/~relstud)

## Faculty

### Chairperson

- Professor David Brakke

### Jay and Jeanie Schottenstein Chair in Jewish Studies

- Shaul Magid

### Professors

- James Ackerman (Emeritus)
- David Haberman
- J. Albert Harrill
- James Hart (Emeritus)
- Gerald Larson (Emeritus)
- Shaul Magid
- Richard B. Miller
- David Smith (Emeritus)

- Stephen J. Stein (Chancellor's Professor, Emeritus)
- Mary Jo Weaver (Emerita)

#### Associate Professors

- Candy Gunther Brown
- Constance Furey
- R. Kevin Jaques
- Nancy Levene
- Rebecca Manning
- Lisa Sideris
- Aaron Stalnaker

#### Assistant Professors

- Heather Blair
- Sylvester Johnson
- Richard Nance

#### Academic Advising

- MaryLou Kennedy Hosek, Sycamore Hall 205, (812) 856-4549

## Major in Religious Studies

### Required Courses

Single and double majors must complete a total of 27 credit hours including the following:

1. One course in Area A (Africa, Europe, and West Asia) above the 100 level.
2. One course in Area B (South and East Asia) above the 100 level.
3. One course in Area C (The Americas) above the 100 level.
4. One course in Area D (Theory, Ethics, Comparison) above the 100 level.
5. R389 (Majors Seminar in Religion).
6. At least three additional courses at the 300 level or above, including at least one course at the 400 level (other than R494, R495, R496, and R499).

A maximum of two 100-level courses may count towards the major, one of which may be a College Arts and Humanities Topics course with departmental approval. Six credit hours in courses outside Religious Studies may count towards the major with departmental approval. With approval of both departments and the College, one course may be cross-listed in a double major.

Students must complete the degree requirements of the College of Arts and Sciences.

### Related Language

Six credit hours in a language beyond the general requirements of the College of Arts and Sciences may be counted in the major if the language is relevant for advanced course work in the study of religion. Examples of such languages are ancient Greek or Latin, classical Hebrew, Chinese, Arabic, Hindi, or Sanskrit.

## Departmental Honors Program

Students who major in Religious Studies and have a minimum overall grade point average of 3.300 are eligible for the honors program in religious studies. The honors program has two requirements as part of a major:

1. R399, a tutorial of independent reading and research.

2. R499, a senior essay project, or an appropriate equivalent.

Students should choose an area of study for R399 that prepares them for the R499 project. The department also offers R201, an honors proseminar in religion. It is open to all Religious Studies majors with a minimum grade point average of 3.300.

## Overseas Study

Students are encouraged to study abroad, particularly in Indiana University overseas study programs, where they can continue to make progress toward their degrees and apply financial aid to program fees. For information about study abroad, contact the [Office of Overseas Study](#), Franklin Hall 303, (812) 855-9304.

## Interdepartmental Major in Religious Studies and African American and African Diaspora Studies

### Required Courses

Students must meet the following course requirements for a minimum total of 42 credit hours.

### Religious Studies

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in courses at the 300 level or above.
2. At least one course above the 100 level from Area C (The Americas).
3. At least one course above the 100 level chosen from two of the remaining three areas: A (Africa, Europe, and West Asia), B (South and East Asia), D (Theory, Ethics, Comparison).
4. One course (3 credit hours) in Religious Studies at the 400 level (other than R494, R495, R496, and R499).
5. R389 Majors Seminar in Religion.

If a student chooses to take the Senior Honors Thesis course pair of R399-R499, the chosen topic may cross over Religious Studies and African American and African Diaspora Studies, although minimum credit hours in each area must still be met. A faculty mentor of the student's choice will be assigned, and graders from each department will read the final thesis. This requires an application and the approval of the director of undergraduate studies before authorization is granted to begin the project.

### African American and African Diaspora Studies

At least 21 credit hours, of which at least 12 credit hours must be at the 300 level or above:

1. A150 Survey of the Culture of Black Americans.
2. A355 African American History I or A356 African American History II.
3. A379 Early Black American Writing **or** A380 Contemporary Black American Writing.
4. 9 additional credit hours taken from courses in any of the three concentration areas: (1) Arts, (2) Literature, or (3) History, Culture, and Social Issues. (Majors are strongly encouraged to take A363 Research on

Contemporary African American Problems I when it is taught.)

5. Additional credit hours to reach the minimum of 21 credit hours to be chosen in consultation with advisor. These credit hours may include the Senior Seminar.

If a student chooses to take the Senior Honors Thesis of A499 or the course pair of R399-R499 in Religious Studies, the chosen topic may cross over African American and African Diaspora Studies and Religious Studies although minimum credit hours in each area must still be met. A faculty mentor of the student's choice will be assigned, and graders from each department will read the final thesis. This requires an application and the approval of the director of undergraduate studies before authorization is granted to begin the project.

## Interdepartmental Major in Religious Studies and Philosophy

### Required Courses

Students must take a minimum of 42 credit hours, including one course (from either department) in the philosophy of religion (see advisors for eligible courses) and the following course work in each department. (See the Index.)

### Religious Studies

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in courses at the 300 level or above.
2. At least one course above the 100 level from Area D (Theory, Ethics, Comparison).
3. At least one course above the 100 level from two of the remaining three areas: A (Africa, Europe, and West Asia), B (South and East Asia), C (The Americas).
4. One course (3 credit hours) in Religious Studies at the 400 level (other than R494, R495, R496, and R499).
5. R389 Majors Seminar in Religion.

### Philosophy

1. At least 21 credit hours, with no more than one 100-level course counting toward the minimum and with at least 12 credit hours in 300-level or above courses.
2. At least one course above the 100 level in each of the following areas: (a) Ethics and value theory, (b) History of philosophy, (c) Epistemology and metaphysics.
3. One of the following logic courses: P150 or P250.
4. One (3 credit hour) 400-level philosophy course.

## Interdepartmental Honors Program in Religious Studies and Philosophy

### Required Courses

Students with a minimum grade point average of 3.300 are eligible for the interdepartmental honors program in religious studies and philosophy, which culminates with a final honors thesis that combines notions from

both disciplines. The honors program has the following additional requirement:

One of the following pairs of courses:

1. R399 Reading for Honors and R499 Senior Honors Essay or an appropriate equivalent (Religious Studies) **or**
2. P498 Senior Seminar and P499 Honors Thesis (Philosophy).

The choice of the pair depends on whether the student works with a religious studies or philosophy faculty member. The thesis will be judged by an honors committee that consists of members from both departments.

## Minor in Religious Studies

### Required Courses

1. A minimum of 15 College of Arts and Sciences credit hours in religious studies.
2. At least one course above the 100 level chosen from three of the four areas:
  - A (Africa, Europe, and West Asia)
  - B (South and East Asia)
  - C (The Americas)
  - D (Theory, Ethics, Comparison)
3. No more than two courses at the 100 level.
4. At least two courses must be at the 300 level or above.

## Course Descriptions

### Introductory Courses

**REL-R 102 Religion and Popular Culture (3 cr.) A & H**  
How do religion and popular culture interact? Study of ordinary people making sense of their worlds through diverse media.

**REL-R 133 Introduction to Religion (3 cr.) A & H**  
Introduction to the diversity of traditions, values, and histories through which religion interacts with culture. Emphasis on understanding the ways the various dimensions of religion influence people's lives.

**REL-R 152 Jews, Christians, Muslims (3 cr.) A & H, CSA**  
Patterns of religious life and thought in the West: continuities, changes, and contemporary issues.

**REL-R 153 Religions of Asia (3 cr.) A & H, CSA**  
Modes of thinking; views of the world and the sacred; the human predicament and paths to freedom; human ideas and value systems in the religions of India, China, and Japan.

**REL-R 160 Religion and American Culture (3 cr.) A & H**  
Examines religious life and culture in America.

**REL-R 170 Religion, Ethics, and Public Life (3 cr.) A & H**  
Western religious convictions and their consequences for judgments about personal and social morality, including such issues as sexual morality, medical ethics, questions of socioeconomic organization, and moral judgments about warfare.

**REL-R 264 Introduction to the Study of Religion (3 cr.) A & H**  
Survey of the principal thinkers, theories, and methodologies that have shaped the critical study of religious phenomena. Focal texts include the works of

such figures as Durkheim, Weber, Freud, Otto, Eliade, Geertz, W. C. Smith, J. Z. Smith, Horton, and Guthrie.

### **Area A—Africa, Europe, and West Asia**

**REL–A 201 Introduction to African Religions (3 cr.) A & H, CSA** An introduction to the diversity of religious thought and practice in Africa. Readings cover the belief systems, symbols, rituals, and myths of traditional religions in Africa and how they have changed through their response to colonial rule. Also examines the integration of Islam and Christianity into African societies. Credit given for only one of A201 or R204.

**REL–A 202 Issues in African, European, and West Asian Religions (3 cr.) A & H** Selected issues and movements in African, European, and West Asian religions. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–A 210 Introduction to the Old Testament/Hebrew Bible (3 cr.) A & H, CSA** Development of the beliefs, practices, and institutions of ancient Israel from the patriarchs to the Maccabean period. Introduction to the biblical literature and other ancient Near East documents. Credit given for only one of A210 or R210.

**REL–A 220 Introduction to the New Testament (3 cr.) A & H, CSA** Origins of the Christian movement and development of its beliefs, practices, and institutions in the first century. Primary source is the New Testament, with due attention to non-Christian sources from the same environment. Credit given for only one of A220 or R220.

**REL–A 230 Introduction to Judaism (3 cr.) A & H, CSA** The development of post-biblical Judaism; major themes, movements, practices, and values. Credit given for only one of A230 or R245.

**REL–A 250 Introduction to Christianity (3 cr.) A & H** Survey of beliefs, rituals, and practices of the Christian community, with a focus on the varieties of scriptural interpretation, historical experience, doctrine, and behavior. Credit given for only one of A250 or R247.

**REL–A 270 Introduction to Islam (3 cr.) A & H, CSA** Introduction to the religious world of Islam: the Arabian milieu before Muhammad's prophetic call, the career of the Prophet. Qur'an and hadith, ritual and the pillars of Muslim praxis, legal, and theological traditions; mysticism and devotional piety, reform and revivalist movements. Credit given for only one of A270 or R257.

**REL–A 300 Studies in African, European, and West Asian Religions (3 cr.) A & H** Selected topics and movements in African, European, and West Asian religions. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–A 305 Ancient Mediterranean Religions (3 cr.) A & H, CSA** A survey of the various religions in the ancient Near East (Egypt, Babylon, Persia) and the Greco-Roman worlds. Attention will be paid to ritual, philosophy, and community formation. Credit given for only one of A305 or R318.

**REL–A 315 Prophecy in Ancient Israel (3 cr.) A & H, CSA** The prophetic movement and its relationship to religious, social, and political traditions and institutions in the ancient Near East. The thought of major prophetic

figures in Israel, such as Hosea, Isaiah, Jeremiah, Ezekiel. Credit given for only one of A315 or R310.

**REL–A 317 Judaism in the Making (3 cr.) A & H, CSA** Traces the development of Judaism from the end of the biblical period of Judaism to the destruction of the Second Temple in 70 C.E., covering the major religious movements, beliefs, practices, and forms that took shape in this formative era. Credit given for only one of A317 or R317.

**REL–A 320 Jesus and the Gospels (3 cr.) P: A220. A & H, CSA** Types of traditions about Jesus: their origins, development, and functions in early Christianity, compared with similar forms of traditions in non-Christian movements. Credit given for only one of A320 or R320.

**REL–A 321 Paul and His Influence in Early Christianity (3 cr.) A & H, CSA** Life and thought of Paul in the context of first-century Christian and non-Christian movements. Development of radical Paulinism and anti-Paulinism in the second century; their influence on the formation of Christianity. Credit given for only one of A321 or R325.

**REL–A 325 Christianity 50–450 (3 cr.) A & H, CSA** The history and literature of Christianity from its origins to the end of antiquity. Credit given for only one of A325 or R327.

**REL–A 326 Early Christian Monasticism (3 cr.) A & H, CSA** The origins and development of varieties of the monastic life in ancient and early medieval Christianity; social forms of monastic groups, ascetic practices, types of spirituality. Credit given for only one of A326 or R323.

**REL–A 335 Introduction to Jewish Mysticism (3 cr.) P: Previous course in Judaism or consent of instructor. A & H, CSA** The development of Jewish mystical practice and thought from the Middle Ages to the present, thirteenth-century Spanish Kabbalah, sixteenth-century Safed, Sabbatianism, Hasidism, contemporary manifestations of mysticism. Credit given for only one of A335 or R341.

**REL–A 350 Christianity, 400–1500 (3 cr.) A & H, CSA** The history and literature of western Christianity during the Middle Ages. Credit given for only one of A350 or R330.

**REL–A 351 Christianity and Modernity (3 cr.) A & H** The history and literature of western Christianity from the Reformation to the present. Credit given for only one of A351 or R331.

**REL–A 380 Knowing the Will of God in Islam I: Law (3 cr.) A & H** Students gain understanding of how Muslims have traditionally interpreted the texts of revelation (Qur'an and Hadith) through the development of practical "hands-on" methods. Designed to resemble classes in theology, jurisprudence, and law in a medieval Islamic college. Credit given for only one of A380 or R378.

**REL–A 390 The End of Everything: Apocalypse Now and Then (3 cr.) A & H, CSA** Apocalyptic and non-apocalyptic ideas concerning the end of the world (eschatology) in ancient Mediterranean religions. Emphasis on a comparative study of early Jews, Christians, and traditional Greeks and Romans. Credit given for only one of A390 or R390.

**REL–A 395 The Bible and Slavery (3 cr.) A & H, CSA** A historical study of slaves and the institution of slavery in

the Hebrew Bible and the New Testament. Attention given to the biblical texts in their original contexts of the ancient Mediterranean world and to their legacy in the history of interpretation—the nineteenth-century American slave controversy. Credit given for only one of A395 or R392.

**REL–A 415 Topics in Ancient Israelite Religion (3 cr.)**  
P: A210. **A & H, CSA** Selected problems in ancient Israelite religion, such as pre-Yahwistic religion, Israel's cultic life, royal theology and messianism, the wisdom movement, sectarian apocalyptic. May be repeated with a different topic for a maximum of 6 credit hours in A415 and R410.

**REL–A 420 Religions of Ancient Rome (3 cr.) A & H, CSA** Seminar on the extraordinary diversity of ancient Roman religion. Major themes and problems explored include sacrifice, the religious calendar, divination, and the priesthood. Examines the widening scope of religious choice within and outside the "official" cults of the state, including ancient Christianity. Credit given for only one of A420 or R420.

**REL–A 426 Gnostic Religion and Literature (3 cr.)**  
**A & H, CSA** The myth, ritual, and beliefs of the ancient Gnostics and related Christian and non-Christian movements of the late Roman empire: classic Gnostic scripture, Valentinus and his followers, the School of St. Thomas, Basilides, the Corpus Hermeticum, and the possibility of Gnosticism in the New Testament. Credit given for only one of A426 or R425.

**REL–A 430 Topics in the History of Judaism (3 cr.)**  
P: Course on Judaism or consent of instructor. **A & H** Special topics such as problems in Jewish mystical tradition, the nature of religious community, charismatic leadership, religious biography. May be repeated with a different topic for a maximum of 6 credit hours in A430 and R445.

**REL–A 440 Judaism and Gender: Philosophical and Theological Perspectives (3 cr.) A & H, CSA** Studies the development of gender theory and politics in modern Judaism including law, ritual, sexual orientation, and theology. Traces gender theory from the nineteenth century to the present, focusing on the ways Judaism absorbed feminist critiques and struggled with its own traditional sources. Credit given for only one of A440 or R421.

**REL–A 450 Topics in the History of Christianity (3 cr.)**  
**A & H, CSA** Significant figures, issues, and movements in the history of Christianity examined in their social and religious contexts, with attention to their continuing religious and cultural impact. May be repeated with a different topic for a maximum of 6 credit hours in A450 and R430.

**REL–A 470 Topics in Islamic Studies (3 cr.) A & H, CSA** Selected topics on Islamic law, philosophy, theology, and mysticism. May be repeated with a different topic for a maximum of 6 credit hours in A470 and R456.

**REL–A 480 Knowing the Will of God in Islam II: Theology (3 cr.) A & H** Develops students' understanding of the central theological issues in Muslim thought as they were developed by various groups and individuals over the last 1,300 years. Credit given for only one of A480 or R468.

**REL–A 485 The Life and Legacy of Muhammad (3 cr.)**  
**A & H, CSA** Explores the ways in which sacred biography is used in various contexts to develop theories of authority and history. Applies theories and methods of textual interpretation to the earliest known biography of the Prophet Muhammad (d. 632 C.E.). Credit given for only one of A485 or R467.

### Area B—South and East Asia

**REL–B 202 Issues in South and East Asian Religions (3 cr.) A & H** Selected issues and movements in South and East Asian religions. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–B 210 Introduction to Buddhism (3 cr.) A & H, CSA, TFR** Introduction to the basic beliefs and practices of Buddhism from its beginnings to the present. Special attention to the life and teachings of the founder, significant developments in India, and the diffusion of the tradition to East Asia, Central Asia, and the West. Credit given for only one of B210 or R250.

**REL–B 215 Zen Buddhism (3 cr.) A & H, CSA** Introduction to Zen Buddhism in medieval East Asia and the modern world. Focuses on defining moments for important issues in religious practice, theoretical understanding, and cultural modeling. Readings include excerpts from Zen texts and scholarly analyses. Video clips used. Credit given for only one of B215 and R203.

**REL–B 220 Introduction to Hinduism (3 cr.) A & H, CSA** Beliefs, rites, and institutions of Hinduism from the Vedic (c. 1200 B.C.) to modern times: religion of the Vedas and the Upanishads, epics and the rise of devotional religion, philosophical systems (Yoga and Vedanta), sectarian theism, monasticism, socioreligious institutions, popular religion (temples and pilgrimages), modern Hindu syncretism. Credit given for only one of B220 or R255.

**REL–B 240 Introduction to Daoism (3 cr.) A & H, CSA** A selective survey of the politico-philosophical, mystical, meditative, alchemical, and liturgical aspects of the Daoist tradition in China from the fourth century B.C. to today. Themes include asceticism and bodily control, social protest, ritual action, hierogamy, and revelation. Alternative models for the study of non-Western religions are also considered. Credit given for only one of B240 or R265.

**REL–B 300 Studies in South and East Asian Religions (3 cr.) A & H** Selected topics and movements in South and East Asian religions. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–B 310 East Asian Buddhism (3 cr.) A & H, CSA** Adaptation and assimilation of Buddhism in East Asia, early philosophical and ritual schools, social issues, T'ien-t'ai synthesis of Mahayana Buddhism, devotional Buddhism, Ch'an/Zen school of meditation, impact of Buddhism on East Asian cultures and arts. Credit given for only one of B310 or R350.

**REL–B 320 Hindu Goddesses (3 cr.) A & H, CSA** Introduction to the goddesses in Hindu traditions, including Lakshmi, Saraswati, Sita, Radha, Parvati, Durga, Kali, Ganga, and Sitala. Focus on the mythology, iconography, cultic practices, embodied forms, and theology associated



with these goddesses. Credit given for only one of B320 or R348.

**REL-B 330 Women in South Asian Religious Traditions (3 cr.) A & H, CSA** Historical view of the officially sanctioned roles for women in several religious traditions in South Asia, and women's efforts to become agents and participants in the religious expressions of their own lives. Credit given for only one of B330, R382, or INST I380.

**REL-B 335 Mandir and Masjid at the Movies (3 cr.) A & H, CSA** A consideration of the nature and meaning of religion in South Asia using film as the lens to explore the South Asian continuum running from the sacred to the secular. Credit given for only one of B335 or R388.

**REL-B 360 Religions in Japan (3 cr.) A & H, CSA** Religious movements in Japan, with emphasis on the development of Shinto, Buddhism, Confucianism, Christianity, and the rise of the "new religions." Credit given for only one of B360 or R357.

**REL-B 374 Early Chinese Thought (3 cr.) A & H, CSA** An introduction to the early development of Chinese thought, from ancient divination to the religious, ethical, and political theories of classical Confucianism, Mohism, and Daoism. Focuses on debates over human nature and self-cultivation, the nature of the cosmos, and the proper ordering of society. Readings are in English translation. Credit given for only one of B374, R368, EALC E374, or PHIL P374.

**REL-B 410 Topics in the Buddhist Tradition (3 cr.)** P: B210, B310, or consent of instructor. **A & H** Selected topics such as Mahayana Sutra literature, Buddhist cult practice, Indian Buddhist inscriptions, Prajñāpāramitā thought, or Zen in Korea and Japan. May be repeated with a different topic for a maximum of 6 credit hours in B410 and R450.

**REL-B 420 Topics in Hindu Religions (3 cr.)** P: B220. **A & H, CSA** Selected topics such as Upanishadic thought, the Bhagavad Gita, Advaita Vedanta, Hindu ethics, monastic traditions, Hindu soteriology. May be repeated with a different topic for a maximum of 6 credit hours in B420 and R458.

**REL-B 440 Topics in Daoism and Chinese Religion (3 cr.)** P: B240. **A & H, CSA** Selected topics within the Daoist tradition and its relations with the larger Chinese cultural world, such as the writings of Lao-tzu and Chuang-tzu, the Daoist mystical and meditative traditions, Daoist narrative and/or revealed literature in translation, and Daoist-Buddhist-Confucian interactions in specific historical periods. May be repeated with a different topic for a maximum of 6 credit hours in B440 and R469.

**REL-B 460 Topics in East Asian Religions (3 cr.)** P: One course in East Asian religions. **A & H, CSA** Examination of a selected theme, movement, or period in the religious history of China, Japan, or Korea. Topics might include interactions of traditions, new religions in Japan, or religious change in Sung China. May be repeated with a different topic for a maximum of 6 credit hours in B460 and R452.

### Area C—The Americas

**REL-C 202 Issues in Religion in the Americas (3 cr.)** **A & H** Selected topics, issues, and movements in

American religions. May be repeated with a different topic for a maximum of 6 credit hours.

**REL-C 210 The Liberal Tradition in U.S. Religious History (3 cr.) A & H** An examination of the growth of liberal theological expressions, such as rationalism, romanticism, and modernism from the early eighteenth century to the present. Credit given for only one of C210 or R235.

**REL-C 220 American Religion and Politics (3 cr.) S & H** American religious institutions and public policy. Religious liberty. Religious communities as political forces on selected issues, e.g., war, poverty, racism. Credit given for only one of C220 or R271.

**REL-C 280 Indigenous Worldviews (3 cr.) S & H, CSA** A survey of some basic aspects of indigenous lifeways, this course introduces comparative cultural analysis, providing a foundational course for those interested in thinking about how others think and how we think about otherness. Students will examine mythology, ritual, health, art, and philosophy within the context of colonialism and globalization. Credit given for only one of C280 or R275.

**REL-C 300 Studies in Religion in the Americas (3 cr.)** **A & H** Selected topics and movements in American religions. May be repeated with different topics for a maximum of 6 credit hours.

**REL-C 301 Religion in the United States, 1600–1850 (3 cr.) A & H** Development of religious life and thought in the early United States, from the beginnings to 1850. Credit given for only one of C301 or R335.

**REL-C 302 Religion in the United States, 1850–Present (3 cr.) A & H** Development of religious life and thought in the modern United States, from 1850 to the present. Credit given for only one of C302 or R336.

**REL-C 310 Women and Religion in America (3 cr.)** **A & H** Examines the efforts of women in American religious history to find their voices and assume leadership positions in a variety of religious and ethnic traditions. Credit given for only one of C310 or R322.

**REL-C 320 African American Religions (3 cr.)** **A & H** Examines the varieties of African American religions, especially Christianity, Islam, Yoruba, Vodun, and Humanism, from the colonial era to the present. Methodologies will also be critically examined. Credit given for only one of C320 or R321.

**REL-C 325 Race, Religion, and Ethnicity in the United States (3 cr.) S & H** A comparative study of the role religious narratives and beliefs have played in the shaping of racial and ethnic boundaries. Credit given for only one of C325 or R324.

**REL-C 330 Evangelical America (3 cr.) A & H** Assesses the causes, nature, and implications of evangelical influence from the Great Awakening to the present. Credit given for only one of C330 or R337.

**REL-C 335 New Religious Movements in the Americas (3 cr.) A & H** Offers a theoretical and comparative survey of the emergence of religious traditions. Groups may include early Christianity, early Islam, Nichirin Shoshu, Mormonism, Tenrikyo, the Nation of Islam, Scientology,

Falun Gong, and the Branch Davidians. Credit given for only one of C335 or R334.

**REL–C 340 American Catholic History (3 cr.) A & H** American Catholic experience from discovery of the New World (French and Spanish missions) to the present. Credit given for only one of C340 or R338.

**REL–C 350 Islam in America (3 cr.) S & H** Explores the history and life of Islam and Muslims in the United States, including the ethnic and religious diversity of American Muslims, conflicts about gender relations and women's issues, debates about Islam's role in politics, and the spirituality of American Muslims. Credit given for only one of C350 or R370.

**REL–C 355 Religion and Sex in America (3 cr.) S & H** Examines the relationship between American religion and sex from the early 1600s to the 21st century. Readings include culture theory, contemporary literature, missionary documents, theological tracts, and legal documents from early and contemporary periods. Students are encouraged to draw upon the resources of the Kinsey Institute archives. Credit given for only one of C355 or R391.

**REL–C 401 Topics in American Religious History (3 cr.) A & H** A selected topic such as American Catholicism in the twentieth century, religion and nationalism in America, or the problem of race and the American churches. May be repeated with a different topic for a maximum of 6 credit hours in C401 and R434.

**REL–C 420 Martin Luther King, Jr. and Malcolm X in American Religion (3 cr.) A & H** An examination of the religious thought of Martin Luther King, Jr. and Malcolm X in the context of American religious cultures. Credit given for only one of C420 or R438.

**REL–C 435 Religious Diversity in America (3 cr.)**  
P: Junior standing. **A & H** History, beliefs, and cultural patterns of such movements as Mormonism, Christian Science, Pentecostalism, Jehovah's Witnesses, Quakerism, and the Black Nation of Islam. Credit given for only one of C435 or R432.

#### **Area D—Theory, Ethics, and Comparison**

**REL–D 202 Issues in Theory, Ethics, and Comparison (3 cr.) A & H** Selected issues and movements in theory, ethics, and comparison. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–D 250 Religion, Ecology, and the Self (3 cr.)**  
**A & H** Deep ecology seeks fundamental transformations in views of world and self. It claims that there is no ontological divide in the forms of life and aims for an environmentally sustainable and spiritually rich way of life. This course is an introductory examination of Deep Ecology from a religious studies perspective. Credit given for only one of D250 or R236.

**REL–D 300 Studies in Theory, Ethics, and Comparison (3 cr.) A & H** Selected topics and movements in theory, ethics, and comparison. May be repeated with a different topic for a maximum of 6 credit hours.

**REL–D 301 Religion and Its Critics (3 cr.) A & H** Examines major critics of religion, including Spinoza,

Hume, Marx, and Freud. Credit given for only one of D301 or R333.

**REL–D 310 Contemporary Religious Thought (3 cr.)**  
**A & H** Interpretation of the human condition and destiny in contemporary religious and antireligious thought. Topics can include study of a major figure (e.g., Kierkegaard) or movement (e.g., peace studies). May be repeated with a different topic for a maximum of 6 credit hours in D310 and R340.

**REL–D 315 Religion and Personality (3 cr.)** P: One of the following: R170, A250, A325, A350, A351, D330, D331, or permission of the instructor. **A & H** Different ways of relating psychological concepts and data from personality theory to the study of religion and theology. Topics include psychoanalytic interpretation, existential psychology, and psychohistorical study of religious leaders. May be repeated with a different topic for a maximum of 6 credit hours in D315 and R365

**REL–D 325 Religions in Practice: Social Theories of Religion (3 cr.) S & H** Acquaints students with different theoretical and analytical approaches through which religious beliefs, experiences, feelings, and practices have conventionally been studied by anthropologists. Readings cover key domains and concepts such as totemism, myth, esoteric knowledge/power ("magic"), ancestor/ spirit cult, shamanism, possession and healing, ritual (performance), and notions of purity/impurity. Credit given for only one of D325 or R387.

**REL–D 330 From Christian Ethics to Social Criticism I (3 cr.)** P: R170, A250, or consent of instructor. **A & H, CSA** Christian ethics from the New Testament through the early modern period. Readings include first- and second-century authors, patristic fathers, Augustine, Bernard, Abelard, Aquinas, Luther, Calvin, Anabaptists, Vitoria, Locke, among others. First of a two-semester sequence. Credit given for only one of D330 or R374.

**REL–D 331 From Christian Ethics to Social Criticism II (3 cr.)** P: R170, A250, or consent of instructor. **A & H** Christian ethics from the New Testament through the early modern period. Readings include first- and second-century authors, patristic fathers, Augustine, Bernard, Abelard, Aquinas, Luther, Calvin, Anabaptists, Vitoria, Locke, among others. Second of a two-semester sequence. Credit given for only one of D331 or R375.

**REL–D 340 Religion and Bioethics (3 cr.) A & H** Examines questions about human nature, finitude, the meaning of suffering, and appropriate uses of medical technology in the face of natural limitations, such as disease and death, that humans encounter. Issues include prenatal/genetic testing, transhumanism, enhancement technologies, cloning, euthanasia, and organ transplantation. Judeo-Christian and cross-cultural perspectives on illness are considered. Credit given for only one of D340 or R373.

**REL–D 350 Religion, Ethics, and the Environment (3 cr.) A & H** Exploration of relationships between religious worldviews and environmental ethics. Considers environmental critiques and defenses of monotheistic traditions, selected non-Western traditions, the impact of secular "mythologies," philosophical questions, and lifestyle issues. Credit given for only one of D350 or R371.

**REL-D 355 Love and Justice (3 cr.) A & H** Selected movements or problems in Western religious social ethics, such as Christian theories of the state, natural law, war, and conscience. May be repeated with a different topic for a maximum of 6 credit hours in D355 and R372.

**REL-D 360 War and Peace in Western Religion (3 cr.) A & H** Ethics of war and peace in Judaism, Christianity, and Islam. Sources include the Bible, rabbinic teaching, Augustine, Aquinas, Martin Luther King, Jr., Reinhold Niebuhr, U.S. Catholic bishops, Islamic Law, and Michael Walzer. Topics include pacifism, just-war doctrine, jihad, and religious crusades as they pertain to war, intervention, terrorism, sanctions, war crimes. Credit given for only one of D360 or R376.

**REL-D 362 Religious Issues in Contemporary Judaism (3 cr.) A & H, CSA** Religious problems confronting Jews and Judaism in our own time: women and Judaism, the impact of the Holocaust on Judaism, contemporary views of Zionism, religious trends in American Judaism. May be repeated with different topics for a maximum of 6 credit hours in D362 and R345.

**REL-D 365 Friendship, Benevolence, and Love (3 cr.) A & H** By closely reading relevant classic works from Western and East Asian cultures, students examine ideas of friendship, benevolence, and love. Questions include: What are the varieties of love and friendship? Is romantic love uniquely Western? Is compassion for others natural to human beings? Could true benevolence require actions that appear cruel? Credit given for only one of D365 or R377.

**REL-D 370 Topics in Gender and Western Religions (3 cr.) A & H** Specific topics regarding gender in Western religions, including Judaism, Christianity, and Islam; studies of specific historical periods; or feminist critiques in theology and ethics. May be repeated with a different topic for a maximum of 6 credit hours in D370 and R364.

**REL-D 375 Religion and Literature in Asia (3 cr.) A & H, CSA** The treatment of religious issues in Asian literature (Hinduism in the Epics) or the significance of the literary forms of religious texts (The Genre of Recorded Sayings), showing how the interplay of religious realities and literary forms reveals the dynamics of religious development in India, China, or Japan. Credit given for only one of D375 or R352.

**REL-D 380 Comparative Study of Religious Phenomena (3 cr.) A & H** Eastern and Western religions on a selected subject such as time and the sacred, sacrifice, initiation. May be repeated with a different topic for a maximum of 6 credit hours in D380 and R360.

**REL-D 385 Messianism and Messiahs in Comparative Perspective (3 cr.) A & H, CSA** Examines the messianic phenomenon as central to Judaism, Christianity, and Islam. Focuses on Jewish messianism. Christianity and Islam will be employed to compare and contrast how this idea developed in two competing religions. Studies the history of the idea, its relationship to orthodoxy and heresy, and its political implications. Credit given for only one of D385 or R307.

**REL-D 410 Topics in Religious Philosophy (3 cr.) P:** Junior standing. **A & H** Selected focus on major movements and problems that provide the theoretical

framework for theological reflection. May be repeated with a different topic for a maximum of 6 credit hours in D410 and R462.

**REL-D 430 Problems in Social Ethics (3 cr.) A & H** Intensive study of a selected problem in religion and society such as religion and American politics, war and conscience, medical ethics. May be repeated with a different topic for a maximum of 6 credit hours in D430 and R473.

**REL-D 470 Modernism and Fundamentalisms (3 cr.) A & H** Through cross-cultural examples, students explore the history of contemporary religious ideologies, including modernist movements in Buddhism, Islam, and Roman Catholicism, and fundamental expressions in a variety of traditions. Credit given for only one of D470 or R436.

**REL-D 485 Religion and Media (3 cr.) S & H** An introduction to recent debates on the nexus between religious experience and communities, and various forms and technologies of mediation. Combines perspectives on religion and ritual with scholarship on media, media consumption, and critical theory. Readings also include an array of ethnographic studies of religiously-inspired movements in South Asia, sub-Saharan Africa, and the Middle East. Credit given for only one of D485 or R411.

### Special Courses

These courses may be counted toward allocation requirements by departmental consent.

**REL-R 201 Honors Proseminar in Religion (3 cr.) P:** Freshmen and sophomores who may want to enter an honors program or consent of instructor. **A & H** Selected issues in the study of religion. May be repeated once for credit with a different topic.

**REL-R 202 Topics in Religious Studies (3 cr.) A & H** Selected topics, issues, and movements in religion. May be repeated once with a different topic for a maximum of 6 credit hours.

**REL-R 300 Studies in Religion (3 cr.) A & H** Selected topics and movements in religion. May be repeated with different topics for a maximum of 12 credit hours.

**REL-R 389 Majors Seminar in Religion (3 cr.)** Limited to majors. Investigation of a theme or topic in the study of religion, with close attention to method, theory, and history of the discipline. May be repeated with a different topic for a maximum of 6 credit hours.

**REL-R 399 Reading for Honors (3 cr.) P:** Consent of instructor and departmental honors advisor. Independent guided reading. May be repeated once for credit with a different topic.

**REL-R 474 Capstone Seminar in Religion (3 cr.) A & H** Comparative and interdisciplinary approaches to the study of religion. Offers students the opportunity to draw together and reconsider their varied interests and questions as these have developed in their studies in the department. Team taught; topics vary.

**REL-R 494 Teaching Internship (3 cr.)** Supervised work as teaching apprentice in religious studies either in the university or another appropriate educational setting. Intern must be sponsored by a religious studies faculty member.

**REL–R 495 Individual Research Internship (1–3 cr.)**

P: Consent of instructor and departmental director of undergraduate studies. May be repeated with different topics for a maximum of 6 credit hours.

**REL–R 496 Service Learning Internship (1–3 cr.)**

Affords a student the opportunity to receive academic credit for work experience in a communal or public setting. Student must submit an application, obtain a faculty sponsor, and be approved by the departmental director of undergraduate studies.

**REL–R 497 Language Instruction for Religious Texts (1–6 cr.)**

Elementary language training in preparation for the reading of sacred or scriptural texts. Language to be announced. Consent of instructor required. May be taken for a maximum of 12 credit hours.

**REL–R 498 Advanced Language Instruction for Religious Texts (1–6 cr.)**

Advanced language training in preparation for the reading of sacred or scriptural texts. Language to be announced. May be taken for a maximum of 6 credit hours.

**REL–R 499 Senior Honors Essay (1–6 cr.; max. 6 cr.)**

P: Approval of departmental honors advisor. Guided research culminating in essay(s).

## Russian and East European Institute

**Introduction**

The Russian and East European Institute (REEI) offers an interdisciplinary program designed to give undergraduates comprehensive training in the Russian and East European areas. The university offers a wide range of Russian and East European courses in 26 departments in the College of Arts and Sciences and the Schools of Education, Fine Arts, Journalism, Library and Information Science, Public and Environmental Affairs, the Kelley School of Business, and the Jacobs School of Music. The program does not grant an undergraduate major, but students can obtain an undergraduate minor in one of two tracks: a regular minor or a minor with a language certificate. The minor is awarded along with the bachelor's degree.

**Contact Information**

Russian and East European Institute  
Indiana University  
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Bloomington, IN 47405

(812) 855-7309

[reei@indiana.edu](mailto:reei@indiana.edu)

<http://www.indiana.edu/~reeiweb/>

**Faculty****Director**

- Maria Bucur

**Professors**

- Michael Alexeev (Economics)
- David Audretsch (School of Public and Environmental Affairs)

- Matthew Auer (School of Public and Environmental Affairs)
- Joëlle Bahloul (Anthropology, Jewish Studies)
- Jack Bielasiak (Political Science)
- Henry Cooper (Slavic Languages and Literatures)
- Devin DeWeese (Central Eurasian Studies)
- Benoit Eklof (History)
- Ronald Feldstein (Slavic Languages and Literatures)
- William Fierman (Central Eurasian Studies)
- Steven Franks (Slavic Languages and Literatures)
- Roy Gardner (Economics)
- Jeffrey Hart (Political Science)
- Jeffrey C. Isaac (Political Science)
- Bruce Jaffee (Kelley School of Business)
- Michael Kaganovich (Economics)
- Janet Kennedy (Fine Arts)
- Padraic Kenney (History)
- Dov-Ber Kerler (Jewish Studies)
- Hiroaki Kuromiya (History)
- Vincent Liotta (Jacobs School of Music)
- Terrence Mason (School of Education)
- John Mikesell (School of Public and Environmental Affairs)
- Maureen Anne Pirog (School of Public and Environmental Affairs)
- William Pridemore (Criminal Justice)
- David Ransel (History)
- Toivo Raun (Central Eurasian Studies)
- Jean C. Robinson (Political Science)
- Alvin Rosenfeld (Jewish Studies, English)
- Anya Peterson Royce (Anthropology)
- M. Nazif Shahrani (Anthropology, Central Eurasian Studies, Near Eastern Languages and Cultures)
- Beverly Stoeltje (Anthropology)
- Jeff Veidlinger (History, Jewish Studies)

**Associate Professors**

- Christopher Atwood (Central Eurasian Studies)
- Maria Bucur (History)
- Aurelian Craiutu (Political Science)
- George Fowler (Slavic Languages and Literatures)
- Halina Goldberg (Jacobs School of Music)
- Christina Iliias (Slavic Languages and Literatures)
- Owen V. Johnson (School of Journalism)
- Bill Johnston (Second Language Studies)
- Matthias Lehmann (History, Jewish Studies)
- Bryan McCormick (School of Health, Physical Education, and Recreation)
- Martha Nyikos (School of Education)
- Phillip Parnell (Criminal Justice)
- Sarah Phillips (Anthropology)
- Steven Raymer (School of Journalism)
- Regina Smyth (Political Science)
- Dina Spechler (Political Science)
- Herbert Terry (Telecommunications)
- Frances Trix (Linguistics)
- Timothy Waters (Maurer School of Law)

**Assistant Professors**

- Justyna Beinek (Slavic Languages and Literatures)
- Lynn Hooker (Central Eurasian Studies)
- Hans Ibold (School of Journalism)

- Frederika Kaestle (Anthropology)
- Joshua Malitsky (Communication and Culture)
- Ron Sela (Central Eurasian Studies)
- Beate Sissenich (Political Science)
- Andrey Ukhov (Kelley School of Business)

### Academic Advising

- Emily Liverman, Ballantine Hall 565, (812) 855-3087

## Minors in Russian and East European Studies

### Requirements

The minors indicate that students have achieved special competence in the Russian and East European area, successfully completing interdisciplinary area course work. Two minors, described below, are available. The first minor requires a distribution of area courses in three disciplinary groupings. The second minor, in addition to area courses, includes a language certificate. The second minor is particularly useful to those who are planning to undertake graduate study in the Russian or East European field. The minors are awarded to those who earn the bachelor's degree and complete the requirements below.

### Academic Standing

Students must have a minimum grade point average of 3.000 (B) or the permission of the director to enter either undergraduate minor program.

Applications are available from the Russian and East European Institute (REEI) in Ballantine Hall 561.

### Minor in Russian and East European Studies

#### Required Courses

Students must complete 15 credit hours, selected in consultation with the REEI advisor, with a minimum average grade of B in area-related courses, including a minimum of 3 credit hours each from history, social sciences, and literature/culture distribution groups from the list below. Institute courses R302 and R303 can be used to meet the requirement for any of the distribution groups. 9 of these credit hours must be at the 300 level or above. Courses taken to satisfy the REEI minor requirements may also be used to meet College distribution requirements.

### Minor in Russian and East European Studies with Language Certification

#### Required Courses

Same course requirements as above; in addition, students must complete 6 credit hours beyond the first-year level (with at least a grade of B) of any one of the following languages: Bosnian/Croatian/Serbian, Czech, Estonian, Georgian, Hungarian, Macedonian, Polish, Romanian, Russian, Ukrainian, Yiddish, or another area language. Students may be exempted from the 6 credit hour requirement by demonstrating equivalent language knowledge with the approval of the REEI advisor.

## Course Descriptions

**REEI-R 300 Russian and East European Issues (1-4 cr.)** Brief examination of selected topics related to

Russia and East Europe. Variable topics. May be repeated with different topics for a total of 6 credit hours.

**REEI-R 301 Russian and East European Area Topics (3 cr.) S & H, CSA** Selected topics related to politics, culture, economics, and society in the Russian and East European area.

**REEI-R 302 Russia, Past and Present (3 cr.) S & H, CSA** Interdisciplinary study of the geography, natural resources, peoples, religions, economy, political and social systems, education, law, cultures, literatures, and arts of Russia. Emphasis on recent developments with appropriate attention to historical roots. Credit given for only one of the following: R302 or HIST D302.

**REEI-R 303 Eastern Europe, Past and Present (3 cr.) S & H, CSA** Interdisciplinary study of the geography, natural resources, peoples, religions, economy, political and social systems, education, law, cultures, literatures, and arts of East Central and Southeastern Europe. Emphasis on recent developments with appropriate attention to historical roots.

**REEI-R 495 Readings in Russian and East European Studies (1-3 cr.) P:** Consent of instructor and the director of the Russian and East European Institute. May be repeated for a maximum of 6 credit hours.

## Courses Satisfying Distribution Requirements for the REEI Minors

The following is a list of courses that were offered in the last three years and are expected to be offered again. This list is subject to change. A current list of courses for each semester may be obtained in Ballantine Hall 565. Please consult with the REEI advisor prior to registering for courses to count toward the minor. (REE=Russian and/or East European.)

### Group I (Historical)

#### Central Eurasian Studies

- R302 Finland in the Twentieth Century (3 cr.) **S & H**
- R313 Islam in Soviet Union and Successor States (3 cr.) **A & H, CSA**
- R329 Topics in Central Eurasian Studies (REE Historical Topics) (3 cr.)
- R360 Modern Mongolia (3 cr.) **S & H, CSA**
- R393 The Mongol Century (3 cr.) **S & H, CSA**
- R412 Central Asia under Russian Rule (3 cr.) **S & H**
- R413 Islamic Central Asia: Sixteenth–Nineteenth Centuries (3 cr.) **S & H, CSA**

#### College of Arts and Sciences

- E103 Topics in Arts and Humanities: REE Historical Topics (3 cr.) **A & H, TFR**
- E104 Topics in Social and Historical Studies: REE Historical Topics (3 cr.) **S & H, TFR**
- S104 Freshman Seminar in Social and Historical Studies: REE Historical Topics (3 cr.) **S & H, TFR**

#### Geography

- G120 World Regional Geography: REE Topics (3 cr.) **S & H**
- G427 Russia and Its Neighbors (3 cr.) **S & H, CSA**

- G428 Geography of Europe (3 cr.) **S & H, CSB**

### **History**

- B300 Issues in Western European History (3 cr.) **S & H**
- B323 History of the Holocaust (3 cr.) **S & H, CSA**
- C393 Ottoman History (3 cr.) **S & H, CSA**
- D200 Issues in Russian and East European History (3 cr.) **S & H**
- D300 Issues in Russian/East European History (3 cr.) **S & H**
- D302 The Gorbachev Revolution and the Collapse of the Soviet Empire (3 cr.) **S & H, CSA**
- D303 Heroes and Villains in Russian History (3 cr.) **S & H, CSA**
- D304 Jews of Eastern Europe (3 cr.) **S & H, CSA**
- D308 Empire of the Tsars (3 cr.) **S & H, CSA**
- D310 Russian Revolution and the Soviet Regime (3 cr.) **S & H, CSA**
- D320 Modern Ukraine (3 cr.) **S & H, CSA**
- D325 Nationalism in the Balkans, 1804–1923 (3 cr.) **S & H, CSA**
- D327 The People vs. The Emperor (3 cr.) **S & H, CSA**
- D329 Eastern Europe in the First Half of the Twentieth Century (3 cr.) **S & H, CSA**
- D330 Eastern Europe in the Second Half of the Twentieth Century (3 cr.) **S & H, CSA**
- D400 Issues in Russian/East European History (3 cr.) **S & H**
- H251 Introduction to Jewish History: From the Bible to Spanish Expulsion (3 cr.) **S & H, CSA**
- H252 Introduction to Jewish History: From Spanish Expulsion to the Present (3 cr.) **S & H, CSA**
- J300 Seminar in History (REE Area Topics) (3 cr.) **S & H**
- J400 Seminar in History (REE Area Topics) (3 cr.) **S & H**

### **Collins Living-Learning Center**

- L310 Collins Symposium: REE Historical Topics (3 cr.) **A & H**
- L320 Collins Symposium: REE Historical Topics (3 cr.) **S & H**

### **Group II (Social Science)**

#### **Anthropology**

- E332 Jewish Women: Anthropological Perspectives (3 cr.) **S & H, CSA**
- E348 Peoples and Cultures of Russia, Ukraine, and Newly Independent States (3 cr.) **S & H, CSA**
- E371 Modern Jewish Culture and Society (3 cr.) **S & H, CSA**
- E382 Memory and Culture (3 cr.) **S & H**
- E387 The Ethnography of Europe (3 cr.) **S & H, CSB**
- E397 Peoples and Cultures of the Middle East (3 cr.) **S & H, CSA**
- E398 Peoples and Cultures of Central Asia (3 cr.) **S & H, CSA**
- E400 Undergraduate Seminar (REE Area Topics) (3 cr.)

- E412 Anthropology of Russia and Eastern Europe (3 cr.) **S & H, CSA**
- E455 Anthropology of Religion (3 cr.) **S & H**

#### **Kelley School of Business**

- D301 International Business Environment (3 cr.)
- D302 International Business: Operating International Enterprises (3 cr.)
- D496 Foreign Study in Business (2–6 cr.)

#### **Central Eurasian Studies**

- R315 Politics and Society in Central Asia (3 cr.) **S & H, CSA**
- R394 Environmental Problems and Social Constraints in Northern and Central Eurasia (3 cr.)
- R416 Religion and Power in Islamic Central Asia (3 cr.) **S & H, CSA**

#### **College of Arts and Sciences**

- E104 Topics in Social and Historical Studies (3 cr.) (REE Social Science Topics) **S & H, TFR**
- S104 Freshman Seminar in Social and Historical Studies (3 cr.) (REE Social Science Topics) **S & H, TFR**
- X311 Experimental Topics (3 cr.) (REE Social Science Topics)

#### **Criminal Justice**

- P474 Law, Crime, and Justice in Post-Soviet Russia (3 cr.) **S & H**
- P493 Seminar in Criminal Justice (REE Area Topics) (3 cr.)

#### **Economics**

- E386 Soviet-Type Economies in Transition (3 cr.)
- E390 Undergraduate Seminar in Economics (REE Area Topics) (3 cr.)
- S202 Introduction to Microeconomics: Honors (REE Area Topics) (3 cr.) **S & H**

#### **Collins Living-Learning Center**

- L310 Collins Symposium (REE Social Science Topics) (3 cr.) **A & H**
- L320 Collins Symposium (REE Social Science Topics) (3 cr.) **S & H**

#### **Gender Studies**

- G402 Problems in Gender Studies (REE Area Topics) (1–3 cr.)

#### **Global Village Living-Learning Center**

- S104 Global Village Living-Learning Center Freshman Seminar (REE Area Topics) (3 cr.) **S & H, TFR**

#### **International Studies Program**

- I100 Introduction to International Studies (REE Area Topics) (3 cr.) **S & H**
- I203 Global Integration and Development (3 cr.) **S & H**
- I300 Topics in International Studies (3 cr.)
- I325 International Issues through Foreign Languages (1 cr.)

- I400 International Studies Capstone Seminar (REE Area Topics) (3 cr.)

### **Political Science**

- Y107 Introduction to Comparative Politics (REE Area Topics) (3 cr.) **S & H**
- Y109 Introduction to International Relations (REE Area Topics) (3 cr.) **S & H**
- Y200 Contemporary Political Problems (REE Area Topics) (3 cr.) **S & H**
- Y210 Honors Seminar (REE Area Topics) (3 cr.) **S & H**
- Y332 Russian Politics (3 cr.) **S & H, CSA**
- Y340 East European Politics (3 cr.) **S & H, CSA**
- Y348 The Politics of Genocide (3 cr.) **S & H, CSA**
- Y350 Politics of the European Union (3 cr.) **S & H**
- Y351 Political Simulations (REE Area Topics) (1–3 cr.)
- Y352 The Holocaust and Politics (3 cr.) **S & H, CSA**
- Y363 Comparative Foreign Policy (REE Area Topics) (3 cr.) **S & H**
- Y368 Russian and Soviet Foreign Policy (3 cr.) **S & H**
- Y375 War and International Conflict (3 cr.) **S & H**
- Y376 International Political Economy (3 cr.) **S & H**
- Y381 Classical Political Thought (3 cr.) **A & H, CSA**
- Y382 Modern Political Thought (3 cr.) **A & H, CSB**

### **School of Public and Environmental Affairs**

- E466 International and Comparative Environmental Policy (3 cr.)
- V160 National and International Policy (3 cr.)
- V450 Contemporary Issues in Public Affairs (REE Area Topics) (3 cr.)

### **West European Studies**

- W304 Model European Union (1–3 cr.)
- W405 Special Topics in West European Studies (REE Area Topics) (3 cr.) **S & H**

### **Group III (Literature and Culture)**

#### **Central Eurasian Studies**

- R313 Islam in the Soviet Union and Successor States (3 cr.) **A & H, CSA**
- R316 Peoples and Cultures of Central Asia (3 cr.) **S & H, CSA**
- R352 Peoples and Cultures of the Middle East (3 cr.) **S & H, CSA**
- R392 Uralic Peoples and Cultures (3 cr.) **S & H**

#### **College of Arts and Sciences**

- E103 Topics in Arts and Humanities (REE Literature/Culture Topics) (3 cr.) **A & H, TFR**
- E104 Topics in Social and Historical Studies (REE Literature/Culture Topics) (3 cr.) **S & H, TFR**
- S104 Freshman Seminar in Social and Historical Studies (REE Literature/Culture Topics) (3 cr.) **S & H, TFR**

### **Communication and Culture**

- C415 Topics in Communication and Culture in Comparative Perspective (REE Area Topics) (3 cr.) **S & H**
- C420 Topics in Media History (REE Area Topics) (3 cr.) **S & H**

### **Comparative Literature**

- C377 Topics in Yiddish Literature (REE Area Topics) (3 cr.) **A & H, CSA**
- C335 Realism, Naturalism, and Symbolism (3 cr.) **A & H, CSB**
- C340 Women in World Literature (REE Area Topics) (3 cr.) **A & H, CSA**
- C347 Literature and Ideas (REE Area Topics) (3 cr.) **A & H, CSB**
- C378 Topics in Yiddish Culture (REE Area Topics) (3 cr.) **A & H, CSA**
- C400 Studies in Comparative Literature (REE Area Topics) (3 cr.) **A & H**

### **English**

- L375 Studies in Jewish Literature (3 cr.) **A & H, CSA**

### **Fine Arts**

- A442 Twentieth-Century Art 1900–1924 (4 cr.) **CSB**
- A480 Russian Art (4 cr.) **S & H, CSA**

### **Folklore and Ethnomusicology**

- F312 European Folklore/Folklife/Folk Music (3 cr.) **A & H, CSB**

### **Germanic Studies**

- E351 Topics in Yiddish Literature (REE Area Topics) (3 cr.) **A & H, CSA**
- E352 Topics in Yiddish Culture (REE Area Topics) (3 cr.) **A & H, CSA**
- Y495 Individual Readings in Yiddish Studies: Language, Literature, Culture (REE Area Topics) (1–3 cr.)

### **Hutton Honors College**

- H203 Interdepartmental Colloquia (REE Area Topics) (3 cr.) **A & H, TFR**
- H303 Interdepartmental Colloquia (REE Area Topics) (3 cr.) **A & H**

### **School of Journalism**

- J414 International News Gathering Systems (3 cr.)

### **Collins Living-Learning Center**

- L310 Collins Symposium (REE Literature/Culture Topics) (3 cr.) **A & H**
- L320 Collins Symposium (REE Literature/Culture Topics) (3 cr.) **S & H**

### **Near Eastern Languages and Cultures**

- N305 Issues in Middle Eastern Studies (Topic: Sufism) (3 cr.) **CSA**

### **Religious Studies**

- D362 Religious Issues in Contemporary Judaism (REE Area Topics) (3 cr.) **A & H, CSA**
- A430 Topics in the History of Judaism (REE Area Topics) (3 cr.) **A & H**

### **Slavic Languages and Literatures**

- C363 History of Czech Literature and Culture (3 cr.) **A & H, CSA**
- C364 Modern Czech Literature and Culture (3 cr.) **A & H, CSA**
- C365 Seminar in Czech and Central European Literatures and Cultures (3 cr.) **A & H, CSA**
- P223 Introduction to Polish Culture (3 cr.) **A & H, CSA**
- P363-P364 Survey of Polish Literature and Culture I-II (3-3 cr.) **A & H, CSA**
- R123 Masterworks of Russian Short Fiction (3 cr.) **A & H, TFR**
- R223 Introduction to Russian Culture (3 cr.) **A & H, CSA**
- R263 Pushkin to Dostoevsky (3 cr.) **A & H, CSA**
- R264 Tolstoy to Solzhenitsyn (3 cr.) **A & H, CSA**
- R334 Tolstoy and Dostoevsky (3 cr.) **A & H, CSA**
- R345 Jewish Characters in Russian Literature (3 cr.) **A & H, CSA**
- R352 Russian and Soviet Film (3 cr.) **A & H, CSA**
- R353 Central European Cinema (3 cr.) **A & H, CSA**
- R405-R406 Readings in Russian Literature I-II (3-3 cr.) **A & H**
- R407-R408 Readings in Russian Culture, History, and Society I-II (3-3 cr.) **A & H**
- S363-S364 Literature and Culture of the Southern Slavs I-II (3-3 cr.) **A & H, CSA**

### **Language Classes**

Students completing the undergraduate minor in Russian and East European studies with language certification are required to complete at least 6 credit hours of language study above the first-year level in a related language (Czech, Estonian, Georgian, Hungarian, Macedonian, Polish, Romanian, Russian, Serbian and Croatian, Ukrainian, or Yiddish). The following courses count toward this requirement:

### **Slavic Languages and Literatures**

- C201-C202 Intermediate Czech I-II (3-3 cr.)
- C301-C302 Advanced Intermediate Czech I-II (3-3 cr.)
- G313-G314 Summer Intensive Intermediate Georgian I-II (5-5 cr.)
- M201-M202 Intermediate Romanian I-II (3-3 cr.)
- P201-P202 Intermediate Polish I-II (3-3 cr.)
- P301-P302 Advanced Intermediate Polish I-II (3-3 cr.)
- Q201-Q202 Intermediate Macedonian I-II (3-3 cr.)
- R201-R202 Intermediate Russian I-II (4-4 cr.)
- R301-R302 Advanced Intermediate Russian I-II (3-3 cr.)
- R325-R326 Advanced Intermediate Oral Russian I-II (1-1 cr.)
- R401-R402 Advanced Russian I-II (3-3 cr.)
- W303-W353 Intermediate Russian I-II (5-5 cr.)

- W304-W354 Intermediate Russian II-Advanced Intermediate Russian I (5-5 cr.)
- W305-W355 Advanced Intermediate Russian I-II (5-5 cr.)
- W306-W356 Advanced Intermediate Russian II-Advanced Russian I (5-5 cr.)
- W307-W357 Advanced Russian I-II (5-5 cr.)
- W308-W358 Advanced Russian Syntax and Stylistics I-II (5-5 cr.)
- W309-W359 Advanced Russian Syntax and Stylistics III-IV (5-5 cr.)
- S201-S202 Intermediate Serbian and Croatian I-II (3-3 cr.)
- S301-S302 Advanced Intermediate Serbian and Croatian I-II (3-3 cr.)

### **Central Eurasian Studies**

- T203-T204 Intermediate Estonian I-II (4-4 cr.)
- T241-T242 Intermediate Hungarian I-II (4-4 cr.)

### **Germanic Studies**

- Y200-Y250 Intermediate Yiddish I-II (3-3 cr.)

## **Second Language Studies (formerly TESOL/Applied Linguistics)**

### **Introduction**

Although the Department of Second Language Studies offers only graduate degrees and a postbaccalaureate certificate and not a bachelor's degree or certificate, course work aimed at improving English language proficiency is available for nonnative speakers of English at all academic levels. Consult the department, the University Graduate School Bulletin or the departmental Web site (<http://www.indiana.edu/~dsls/>) for additional Second Language Studies course information.

### **Contact Information**

Department of Second Language Studies  
Indiana University  
Memorial Hall 315  
1021 East Third Street  
Bloomington, IN 47405-7005 U.S.A.

(812) 855-7951  
[dsls@indiana.edu](mailto:dsls@indiana.edu)

<http://www.indiana.edu/~dsls/>

### **Faculty**

#### **Chairperson**

- Professor Kathleen Bardovi-Harlig

#### **Professors**

- Kathleen Bardovi-Harlig
- Harry L. Gradman (Emeritus)
- Beverly Hartford (Emerita)
- Rex A. Sprouse

#### **Associate Professors**

- Laurent Dekydtspotter



- Doreen Ewert
- Bill Johnston
- Philip LeSourd

#### Assistant Professors

- Isabelle Darcy
- David Stringer

#### Adjunct Associate Professors

- Kenneth De Jong (Linguistics)
- Kimberly Geeslin (Spanish and Portuguese)

#### Adjunct Assistant Professor

- César Félix-Brasdefer

#### Lecturers

- Linda Abe
- Sunyoung Shin

#### Academic Advising

- Memorial Hall 315, (812) 855-7951

## Course Descriptions (SLST)

### Undergraduate Second Language Studies

**SLST-S 301 Introduction to Second Language Acquisition (3 cr.)** R: Two years of foreign/second language study. **N & M** Introduces students to contemporary approaches to second language acquisition. Topics include models of second language acquisition, learner variables, the human capacity for language and its availability throughout the lifespan, developmental stages, and effects of instruction. Students will examine samples of learner language and analyze them on their own terms.

**SLST-S 302 The Successful Language Learner (3 cr.)** R: Two years of foreign/second language study. **N & M** Introduces students to the best practices for adult second language learners and to research on learner and learning variables underlying these practices.

**SLST-S 304 Language Revitalization (3 cr.)** R: Two years of foreign/second language study. **S & H** Half of the 6,000 languages spoken today are endangered. This course explores why languages are at risk and investigates how minority and indigenous languages can be revitalized. Case studies highlight practical solutions currently being used in diverse communities. Students choose a particular endangered language as their focus of study.

**SLST-S 305 Teaching Second/Foreign Languages to Adults (3 cr.)** R: Two years of foreign/second language study. Through this survey of methods and techniques for teaching second and foreign languages to adults, students will explore underlying assumptions and investigate how teaching practices may reflect teacher and learner goals, social and cultural settings, and individual learner differences. Students will develop guiding principles for teaching adult language learners in specific contexts.

### English Language Improvement

**SLST-T 060 Intensive English Program, Part-time (First 7 weeks) (0 cr.)** Part-time Intensive English Program course. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 061 Intensive English Program, Full-time Level 1 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 1. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 062 Intensive English Program, Full-time Level 2 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 2. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 063 Intensive English Program, Full-time Level 3 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 3. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 064 Intensive English Program, Full-time Level 4 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 4. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 065 Intensive English Program, Full-time Level 5 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 5. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 066 Intensive English Program, Full-time Level 6 (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 6. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 067 Intensive English Program, Full-time Level 7 (First 7 weeks) (3 cr.)** Full-time Intensive English Program course, Level 7. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 068 Intensive English Program, Full-time Electives (First 7 weeks) (0 cr.)** Full-time Intensive English Program course, electives only. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 069 Intensive English Program, Full-time Special Topics (First 7 weeks) (0 cr.)** Full-time Intensive English Program course in special topics. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST-T 070 Intensive English Program, Part-time (Second 7 weeks) (0 cr.)** Part-time Intensive English Program course. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken

multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 071 Intensive English Program, Full-time Level 1 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 1. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 072 Intensive English Program, Full-time Level 2 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 2. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 073 Intensive English Program, Full-time Level 3 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 3. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 074 Intensive English Program, Full-time Level 4 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 4. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 075 Intensive English Program, Full-time Level 5 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 5. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 076 Intensive English Program, Full-time Level 6 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 6. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 077 Intensive English Program, Full-time Level 7 (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, Level 7. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 078 Intensive English Program, Full-time Electives (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course, electives only. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 079 Intensive English Program, Full-time Special Topics (Second 7 weeks) (0 cr.)** Full-time Intensive English Program course in special topics. Placement determined by the IEP. Open only to eligible students. Topics will vary. May be taken multiple times in consecutive or concurrent terms with the same or different topics.

**SLST–T 101 English Language Improvement (1–12 cr.)** Designed for the international student who needs

instruction in English as a second language. The English Language Improvement Program provides part-time intermediate and advanced instruction for undergraduate and graduate students already admitted to Indiana University. Credit hours, though counting toward full-time student status, do not accrue toward the total number required for a degree. These are eight-week courses.

## Slavic Languages and Literatures

### Introduction

The Department of Slavic Languages and Literatures (SLAV) offers courses that meet a wide range of needs and interests in Russian, Polish, Czech, Serbian and Croatian, Ukrainian, and Romanian.

Advanced language courses are not only for the department's majors, but also for students specializing in other disciplines, particularly in the social sciences, natural sciences, and other languages and literatures. The department offers literature, culture, and film courses that require no knowledge of a Slavic or East European language and that can be taken by any student interested in the Russian, Slavic, and East European area.

There is an intensive program during the summer that allows coverage of a full year of Russian and other Slavic and East European languages in eight weeks. By attending two such summer sessions in conjunction with a regular course of study, students can cover four years of Russian in two, or two years of another Slavic or East European language in one. Admission to the Summer Workshop in Slavic, East European, and Central Asian Languages is by application.

To ensure proper placement in language courses at all levels, transfer students and those who return to the study of a departmental language after a lapse of time are required to take a placement examination administered by the department prior to enrolling in a language course.

Majors and prospective majors are urged to consult early with the departmental academic advisor concerning the possibility of double majors and the scheduling of strong minors.

### Contact Information

Department of Slavic Languages and Literatures  
Indiana University  
Ballantine Hall 502  
1020 E. Kirkwood Ave.  
Bloomington, IN 47405-7103

(812) 855-2608  
[IUSLAVIC@indiana.edu](mailto:IUSLAVIC@indiana.edu)

<http://www.indiana.edu/~iuslavic>

### Faculty

#### Chairperson

- Steven L. Franks

#### Professors

- Henry R. Cooper Jr.
- Ronald F. Feldstein

- Steven Franks

#### Associate Professors

- Justyna Beinek
- George Fowler
- Christina Illias

#### Faculty Emeriti

- Andrew Durkin
- Howard Keller
- Dodona Kiziria
- Vadim Liapunov
- Nina Perlina
- Bronislava Volkova

#### Visiting Assistant Professor

- Sara Stefani

#### Senior Lecturer

- Jeffrey Holdeman

#### Lecturers

- Olena Chernishenko
- Miriam Shrager

#### Director of Graduate Studies (Literature)

- Justyna Beinek

#### Director of Graduate Studies (Linguistics)

- Steven Franks

#### Director of Undergraduate Studies

- Jeffrey Holdeman

#### Academic Advising

- Jeffrey Holdeman, Ballantine Hall 511, (812) 855-5891

### Departmental Honors Program

Students planning to undertake graduate work in Slavic languages and literatures are especially encouraged to take the departmental honors course S499 (the topic of which changes from year to year). Additional course work in the honors program should be arranged with the departmental advisor, including honors sections of departmental courses and graduate sections of departmental graduate/undergraduate joint offerings. Outstanding students may be invited to enroll in S497 Internship in Slavic.

### Overseas Study

The university co-sponsors Russian and Czech programs administered by the Council on International Educational Exchange (CIEE) for a period of one academic year or semester (fall, spring, summer). Successful participation in these programs can earn students up to 15 hours (up to 17 hours in certain programs) of Indiana University credit per semester. Study abroad in other East and Central European countries is also possible. For information on these and other overseas study opportunities in Russia and Central and Eastern Europe, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304 (<http://www.indiana.edu/~overseas/>).

### Summer Workshop in Slavic, East European, and Central Asian Languages

The department's Summer Workshop offers students an opportunity to accelerate their learning of departmental (and other Slavic, East European, Caucasian, and Central Asian) languages by covering the equivalent of a year of college language study in eight weeks of intensive study and practice. Two summers of Russian study in the workshop combined with two years of regular Russian language courses are equal to four years of nonintensive Russian language courses. Besides Russian, the Summer Workshop regularly offers first-year Polish, Czech, Serbian/Croatian, Romanian, Hungarian, and Georgian, as well as a number of languages from the Central Asian region.

### Slavic Languages at the Global Village Living-Learning Center

The department cooperates with the Global Village Living-Learning Center in offering residential programs for students with common interests in Slavic languages and cultures. For further information, contact the departmental office, Ballantine Hall 502, (812) 855-2608.

### Secondary Teacher Certification

For information and advising, candidates should contact the School of Education advising office, Education 1000, (812) 856-8510.

### Major in Slavic Languages and Literatures

#### The Russian Track

#### Purpose

This track is designed for students seeking advanced study of the Russian language and/or Russian literature, culture, or film. Students must also complete the degree requirements of the College of Arts and Sciences.

1. R201-R202, R301-R302; R223, R263-R264.
2. At least four Russian language, literature, culture, or film courses at the 300 level or higher (excluding R491-R492) and totaling a minimum of 12 credit hours.

Total: 35 credit hours.

#### The Slavic Track

#### Purpose

This track is designed for students seeking a basic knowledge of a Slavic language other than Russian (Czech, Polish, Serbian and Croatian), and familiarization with its literature and culture in English translation. In addition, students either do work in another Slavic literature or culture in English translation (including Russian), or study another Slavic language (including Russian). Students must also complete the degree requirements of the College of Arts and Sciences. These courses do not count toward a major in the Russian track.

1. Czech Option: C101-C102, C201-C202, C363-C364; and line 4.
2. Polish Option: P101-P102, P201-P202, P363-P364; and line 4.

3. Serbian and Croatian Option: S101-S102, S201-S202, S363-S364; and line 4.
4. R353 and any three other departmental language, literature, film, or culture courses at the 200 level or higher (excluding R491-R492) and totaling a minimum of 12 credit hours.

Total: 32 credit hours.

Contact the academic advisor to discuss the possibility of a Romanian option.

## Minor in Slavic Languages and Literatures

### Required Courses

Five courses in Slavic languages and literatures, totaling 15 College of Arts and Sciences credit hours, at the 200 level or above, of which at least 9 credit hours must be numbered 223 or above.

## Special Credit in Slavic Languages and Literatures

1. Students who wish either to test out of the College of Arts and Sciences language requirement or to get special ("S") credit for their knowledge of a SLAV language, or both, must take a written departmental placement test for that language. An additional oral examination may be administered at the discretion of the relevant language instructor. International students may not receive 100- or 200-level credit (either regular or special) in their native languages, but they may request that the language requirement be waived for them, pending results of the placement testing. Students who have finished high school in the United States, regardless of their native language, are not considered to be international students and may therefore receive special credit in a SLAV language.
2. Students testing into the second semester of a SLAV language may earn 4 credit hours of special credit for the semester they tested out of. Students testing into the third semester may earn 8 credit hours of special credit. Students do not have to take a SLAV course in order to be awarded this credit.
3. Students testing into the fourth or fifth semester of a SLAV language may earn 200-level credits (either 4 or 8 for Russian; 3 or 6 for other languages), *only if they take a 200-level or higher course and complete it with a grade of C- or higher*. For example, students testing into SLAV R202 can get 4 hours of special credit for R201 if they complete R202 with a grade of C- or higher; students testing into R301 can get C- hours of special credit for R201-R202 if they complete R301 with a grade of C- or higher. Special credit is not awarded in the Slavic department for courses above the 200 level.
4. SLAV majors may not apply special credit they earn for 200-level courses toward fulfillment of their major requirements. They are required to substitute other courses in order to meet the College of Arts and Sciences and departmental credit requirements for all majors in SLAV.

## Course Descriptions

### Russian Language

Continuing students in first- and second-year language courses (102, 201-2) must have received a grade of C or higher in their previous language course. Continuing students in third and fourth year courses (301-2, 401-2) must have received a grade of B or higher in their previous language course. Exceptions to this rule are by permission of the department.

**SLAV-R 101 Elementary Russian I (4 cr.)** Introduction to contemporary Russian and aspects of Russian culture. Intensive drill and exercises in basic structure; development of vocabulary. Credit given for only one of R101, N111, or W301.

**SLAV-R 102 Elementary Russian II (4 cr.)** P: Grade of C or higher in R101 or equivalent. Introduction to contemporary Russian and aspects of Russian culture. Intensive drill and exercises in basic structure; development of vocabulary. Credit given for only one of R102, N112, N122, W302, or W351.

**SLAV-R 114 Elementary Russian for Business Students (3 cr.)** Provides a foundation in both Russian language and Russian culture in a business context. Alternates between the teaching of the language and the culture of business in Russia. Students develop foundational skills in language and communications, business culture, and Russian grammar.

**SLAV-R 200 Russian for Heritage Speakers I (3 cr.)** P: Permission of department. Addresses specific needs of heritage speakers. Develops aspects of speaking, reading, writing, grammar, and cultural knowledge necessary to promote professional level proficiency, with special attention to vocabulary expansion. Cyrillic computer literacy and exposure to Russian culture through time. Students continue with R202 or higher.

**SLAV-R 201 Intermediate Russian I (4 cr.)** P: Grade of C or higher in R102 or equivalent. Continuation of work in structure and vocabulary acquisition through study of grammar, drills, and readings. Oral practice and written exercises. Credit given for only one of R201, N221, N231, W303, or W352.

**SLAV-R 202 Intermediate Russian II (4 cr.)** P: Grade of C or higher in R201 or equivalent. Continuation of work in structure and vocabulary acquisition through study of grammar, drills, and readings. Oral practice and written exercise. Credit given for only one of R202, N232, N242, W304 or W353.

**SLAV-R 301 Advanced Intermediate Russian I (3 cr.)** P: Grade of B or higher in R202 or equivalent. C: R325 or consent of department. Morphological, lexical, and syntactic analysis of a broad spectrum of textual materials with special emphasis on meaning. Development of oral and written fluency and comprehension. Remedial grammar and phonetics as required. Credit given for only one of R301, N341, N351, W305, or W354.

**SLAV-R 302 Advanced Intermediate Russian II (3 cr.)** P: Grade of B or higher in R301 or equivalent. C: R326 or consent of department. Morphological, lexical, and syntactic analysis of a broad spectrum of textual materials with special emphasis on meaning. Development of oral and written fluency and comprehension. Remedial

grammar and phonetics as required. Credit given for only one of R302, N352, N362, W306, or W355.

**SLAV-R 325 Advanced Intermediate Oral Russian I (1 cr.)** P: R202 or consent of the department. Designed primarily for those interested in developing oral fluency. Sections in advanced conversation, recitation, and oral comprehension, supplemented by lab and drill in corrective pronunciation, dictation, and reading. May be repeated for a maximum of 2 credit hours.

**SLAV-R 326 Advanced Intermediate Oral Russian II (1 cr.)** P: R325 or R301, or consent of the department. Continuation and advanced treatment of topics covered in R325, as well as themes relating to current events. May be repeated for a maximum of 2 credit hours.

**SLAV-R 398 Special Credit in Slavic Languages (1-8 cr.)** Students who successfully complete advanced Russian institutes at other universities, or special technical language programs, or the CIEE programs at St. Petersburg or similar programs in other Slavic or East European countries, or who skip sequential courses by advanced placement, will be given corresponding undistributed credit as certified by the department. May be repeated for a maximum of 14 credit hours.

**SLAV-R 401 Advanced Russian I (3 cr.)** P: Grade of B or higher in R302 or equivalent. Refinement of active and passive language skills, with emphasis on vocabulary building and word usage. Extensive reading, discussion, composition writing. Individualized remedial drill in grammar and pronunciation aimed at preparing students to meet departmental language proficiency standards. Credit given for only one of R401, N461, N471, W307, or W356.

**SLAV-R 402 Advanced Russian II (3 cr.)** P: Grade of B or higher in R401 or equivalent. Refinement of active and passive language skills, with emphasis on vocabulary building and word usage. Extensive reading, discussion, composition writing. Individualized remedial drill in grammar and pronunciation aimed at preparing students to meet departmental language proficiency standards. Credit given for only one of R402, N472, or W357.

**SLAV-R 403 Russian Phonetics (3 cr.)** P: R302 or equivalent. **N & M** Elements of articulatory and acoustical phonetics and their application to a comparative study of Russian and English sound systems. Methods in teaching pronunciation and intonation. Error analysis and correction of student's own pronunciation in lab and drill sections.

**SLAV-R 404 Structure of Russian (3 cr.) N & M** Systematic description and analysis of the structure of modern Russian phonology, morphology, and word formation. Comparison to elements of English grammar is included.

**SLAV-R 405 Readings in Russian Literature I (3 cr.)** P: R302 or equivalent. R: R263, R264. **A & H** R: R263, R264. Reading, in the original, of important Russian literary works of the nineteenth and twentieth centuries. Discussion and analysis of the works.

**SLAV-R 406 Readings in Russian Literature II (3 cr.)** P: R302 or equivalent. R: R263, R264. **A & H** R: R263, R264. Reading, in the original, of important Russian

literary works of the nineteenth and twentieth centuries. Discussion and analysis of the works.

**SLAV-R 407 Readings in Russian Culture, History, and Society I (3 cr.)** P: R302 or equivalent. **A & H** Extensive translation from the original of selected works on Russian history, government, music, folklore, geography, culture. Discussion of both linguistic problems and content.

**SLAV-R 408 Readings in Russian Culture, History, and Society II (3 cr.)** P: R302 or equivalent. **A & H** Extensive translation from the original of selected works on Russian history, government, music, folklore, geography, culture. Discussion of both linguistic problems and content.

**SLAV-R 425 Advanced Oral Russian I (1 cr.)** P: R302 or consent of the department. Designed primarily for those interested in maintaining or developing oral fluency. Sections in advanced conversation, recitation and oral comprehension, dictation, and reading. May be repeated for a maximum of 2 credit hours.

**SLAV-R 426 Advanced Oral Russian II (1 cr.)** P: R425 or R401, or consent of the department. Continuation of R425. May be repeated for a maximum of 2 credit hours.

**SLAV-R 470 Political Russian (3 cr.)** P: Placement above third year or consent of instructor. Students will develop advanced language skills with a focus on international relations, economics, trade, national security, and arms control. Students will be exposed to such authentic materials as newspaper articles and audio excerpts from news broadcasts. Course goal is to develop functional proficiency in all basic language skills: reading, listening, speaking. Grammar review is part of the course.

**SLAV-R 491 Russian for Graduate Students I (undergrad 4 cr., grad 3 cr.)** Mastery of basic grammar followed by vocabulary building. Active control of Russian structure needed for productive reading; emphasis on problems of translation. Open with consent of instructor to undergraduates about to complete the B.A. requirement in another foreign language.

**SLAV-R 492 Russian for Graduate Students II (undergrad 4 cr.; grad. 3 cr.)** Mastery of basic grammar followed by vocabulary building. Active control of Russian structure needed for productive reading; emphasis on problems of translation. Open with consent of instructor to undergraduates about to complete the B.A. requirement in another foreign language.

**SLAV-S 497 Internship in Slavic (1-3 cr.)** P: Major standing, minimum GPA of 3.000, 12 credit hours in Slavic at 300 level or above, and prior arrangement with faculty member or editor. Supervised experience in teaching undergraduate Slavic course or in editing departmentally based journal or allied publication. May be repeated once for credit for a total of 6 credits.

**SLAV-S 498 Supervised Individual Reading (1-3 cr.)** P: R302 or equivalent, consent of instructor. Reading, in the original, of materials in field of Slavic studies of particular interest to student. May be repeated for a maximum of 6 credit hours.

**SLAV-S 499 Senior Honors Seminar (max. 6 cr.)** P: Approval of the departmental honors committee.

**SLAV-N 111 Summer Intensive Elementary Russian I (5 cr.)** Intensive summer equivalent of R101. Credit given for only one of N111, R101, or W301.

**SLAV-N 112 Summer Intensive Elementary Russian II (5 cr.)** P: R101 or equivalent. Intensive summer equivalent of R102. Credit given for only one of N112, N122, R102, W302, or W351.

**SLAV-N 122 Summer Intensive Elementary Russian II (5 cr.)** P: R102 or equivalent. Intensive summer equivalent of R102. Credit given for only one of N122, N112, R102, W302, or W351.

**SLAV-N 221 Summer Intensive Intermediate Russian I (5 cr.)** P: R102 or equivalent. Intensive summer equivalent of R201. Credit given for only one of N221, N231, R201, W303, or W352.

**SLAV-N 231 Summer Intensive Intermediate Russian I (5 cr.)** P: R102 or equivalent. Intensive summer equivalent of R201. Credit given for only one of N231, N221, R201, W303, or W352.

**SLAV-N 232 Summer Intensive Intermediate Russian II (5 cr.)** P: R201 or equivalent. Intensive summer equivalent of R202. Credit given for only one of N232, N242, R202, W304, or W353.

**SLAV-N 242 Summer Intensive Intermediate Russian II (5 cr.)** P: R201 or equivalent. Intensive summer equivalent of R202. Credit given for only one of N242, N232, R202, W304, or W353.

**SLAV-N 341 Summer Intensive Advanced Intermediate Russian I (5 cr.)** P: R202 or equivalent. Intensive summer equivalent of R301. Credit given for only one of N341, N351, R301, W305, or W354.

**SLAV-N 351 Summer Intensive Advanced Intermediate Russian I (5 cr.)** P: R202 or equivalent. Intensive summer equivalent of R301. Credit given for only one of N351, N341, R301, W305, or W354.

**SLAV-N 352 Summer Intensive Advanced Intermediate Russian II (5 cr.)** P: R301 or equivalent. Intensive summer equivalent of R302. Credit given for only one of N352, N362, R302, W306, or W355.

**SLAV-N 362 Summer Intensive Advanced Intermediate Russian II (5 cr.)** P: R301 or equivalent. Intensive summer equivalent of R302. Credit given for only one of N362, N352, R302, W306, or W355.

**SLAV-N 461 Summer Intensive Advanced Russian I (5 cr.)** P: R302 or equivalent. Intensive summer equivalent of R401. Credit given for only one of N461, N471, R401, W307, or W356.

**SLAV-N 471 Summer Intensive Advanced Russian I (5 cr.)** P: R302 or equivalent. Intensive summer equivalent of R401. Credit given for only one of N471, N461, R401, W307, or W356.

**SLAV-N 472 Summer Intensive Advanced Russian II (5 cr.)** P: R401 or equivalent. Intensive summer equivalent of R402. Credit given for only one of N472, R402, or W357.

**Russian Literature and Culture in English Translation**  
Knowledge of Russian not required.

**SLAV-R 123 Masterworks of Russian Short Fiction (3 cr.)** A & H, TFR Masterpieces of Russian short fiction in a variety of literary modes, from the early nineteenth century to the present, with particular attention to Russian writers and works that have influenced the short story worldwide. Authors include Pushkin, Gogol, Turgenev, Chekhov, Babel, and Nabokov.

**SLAV-R 223 Introduction to Russian Culture (3 cr.)** A & H, CSA Survey of development of Russian culture and thought from medieval Russia to the present, as seen primarily through literature and the arts. No knowledge of Russian is necessary.

**SLAV-R 224 Contemporary Russian Culture (3 cr.)** A & H, CSA Survey of Russian culture from the late Soviet period to the present. Concentration on three simultaneous dichotomies: anthropological versus artistic culture; nationalism and classic Russian themes versus Western and postmodern trends; and popular versus serious art, music, and literature. Knowledge of Russian not required.

**SLAV-R 263 Pushkin to Dostoevsky (3 cr.)** A & H, CSA The golden age of the Russian novel; its social, cultural, and economic context; the flowering of art and music; the rise of the metropolis in association with poverty, alienation, quest for identity (both national and personal), as reflected in the romantic and realistic works of Pushkin, Gogol, Turgenev, and Dostoevsky. Knowledge of Russian not required.

**SLAV-R 264 Tolstoy to Solzhenitsyn (3 cr.)** A & H, CSA 1880 to present, a period of profound political, social, and intellectual ferment: the Bolshevik Revolution, Civil War, collectivization, the Stalinist purges, World War II, the collapse of the Soviet Union, and the rise of a "new" Russia. Knowledge of Russian not required.

**SLAV-R 334 Tolstoy and Dostoevsky (3 cr.)** A & H, CSA Two giants of world literature who have shaped not only modern cultural history but philosophy and politics as well. Major works of each author will be read within an international perspective. Knowledge of Russian not required.

**SLAV-R 345 Jewish Characters in Russian Literature (3 cr.)** A & H, CSA The "Jewish question," the identity and self-identity of Jewish characters from the standpoints of literary analyses, cultural ethnography, folklore and religious studies, and social and political history. Literary works of major nineteenth- and twentieth-century Russian writers provide the primary sources for the discussions.

**SLAV-R 349 Myth and Reality: Women in Russian Literature and in Life (3 cr.)** A & H, CSA The roles, creations, and status of women in Russian and cross-cultural perspectives; and historical, literary, and social roles of Russian women. Major female characters of classical Russian literature and works of the most substantial Russian women writers will be studied. Special attention will be paid to the current situation in Russian literature and society.

**SLAV-R 352 Russian and Soviet Film (3 cr.)** A & H, CSA Development of Russian cinematography from 1896 to the present. Characteristic features of Soviet films; the theory and practice of filmmaking in the former Soviet Union; the Soviet and Russian cinema in its relationship

to Russian literature and in the larger context of European cinema art. Knowledge of Russian not required. II Sem.

### Other Slavic and East European Languages

**SLAV-A 111 Summer Intensive Elementary Albanian I (5 cr.)** No previous knowledge of Albanian required. Introduction of basic structures of contemporary Albanian language and culture. Reading and discussion of basic texts. Credit given for only one of A111 or A311.

**SLAV-A 122 Summer Intensive Elementary Albanian II (5 cr.)** P: A111 or equivalent. Introduction of basic structures of contemporary Albanian language and culture. Reading and discussion of basic texts. Credit given for only one of A122 or A312.

**SLAV-B 101 Elementary Bulgarian I (4 cr.)** No previous knowledge of Bulgarian required. Introduction to basic structure of contemporary Bulgarian language and culture. Reading and discussion of basic texts.

**SLAV-B 102 Elementary Bulgarian II (4 cr.)** No previous knowledge of Bulgarian required. Introduction to basic structure of contemporary Bulgarian language and culture. Reading and discussion of basic texts.

**SLAV-C 101 Elementary Czech I (4 cr.)** No previous knowledge of Czech required. Introduction to basic structure of contemporary Czech language and to culture. Reading and discussion of basic texts. Credit given for only one of C101, C111, or C311.

**SLAV-C 102 Elementary Czech II (4 cr.)** P: Grade of C or higher in C101 or equivalent. Continuation of C101. Credit given for only one of C102, C122, or C312.

**SLAV-C 201 Intermediate Czech I (3 cr.)** P: Grade of C or higher in C102 or equivalent. Continuation of work in structure and vocabulary acquisition through written exercises, study of word formation, drills, reading and discussion of short texts. Credit given for only one of C201, C211, or C313.

**SLAV-C 202 Intermediate Czech II (3 cr.)** P: Grade of C or higher in C201 or equivalent. Continuation of C201. Credit given for only one of C202, C222, or C314.

**SLAV-C 301 Advanced Intermediate Czech I (3 cr.)** P: Grade of B or higher in C202 or equivalent. Development of oral and written fluency and comprehension in Czech language based on morphological, lexical, and syntactical analysis of contemporary textual materials.

**SLAV-C 302 Advanced Intermediate Czech II (3 cr.)** P: Grade of B or higher in C301. Development of oral and written fluency and comprehension in Czech language based on morphological, lexical, and syntactical analysis of contemporary textual materials.

**SLAV-C 111 Summer Intensive Elementary Czech I (5 cr.)** Intensive summer equivalent of C101. Credit given for only one of C101, C111, or C311.

**SLAV-C 122 Summer Intensive Elementary Czech II (5 cr.)** P: Grade of C or higher in C101 or equivalent. Intensive summer equivalent of C102. Credit given for only one of C102, C122, or C312.

**SLAV-C 211 Summer Intensive Intermediate Czech I (5 cr.)** P: Grade of C or higher in C102 or equivalent.

Intensive summer equivalent of C201. Credit given for only one of C201, C211, or C313.

**SLAV-C 222 Summer Intensive Intermediate Czech II (5 cr.)** P: Grade of C or higher in C201 or equivalent. Intensive summer equivalent of C202. Credit given for only one of C202, C222, or C314.

**SLAV-G 101 Elementary Georgian I (4 cr.)** Introduction to every aspect of Georgian grammar (phonology, morphology, and syntax). By completion, students should be able to read average unadapted Georgian texts (both fiction and nonfiction) with the aid of a dictionary. Practice with a basic Georgian vocabulary develops conversational skills. Credit given for only one of G101, G111, or G311

**SLAV-G 102 Elementary Georgian II (4 cr.)** P: Grade of C or higher in G101 or equivalent. Continuation of G101. Credit given for only one of G102, G122, or G312.

**SLAV-G 111 Summer Intensive Elementary Georgian I (5 cr.)** Intensive summer equivalent of G101. Credit given for only one of G101, G111, or G311.

**SLAV-G 122 Summer Intensive Elementary Georgian II (5 cr.)** P: Grade of C or higher in G101 or equivalent. Intensive summer equivalent of G102. Credit given for only one of G102, G122, or G312.

**SLAV-G 211 Summer Intensive Intermediate Georgian I (5 cr.)** P: Grade of C or higher in G102 or equivalent. Continuation of work in structure and vocabulary acquisition through exercises, word formation, drills, reading, and discussion. Credit given for only one of G211 or G313.

**SLAV-G 222 Summer Intensive Intermediate Georgian II (5 cr.)** P: Grade of C or higher in G211, G313, or equivalent. Continuation of work in structure and vocabulary acquisition through exercises, word formation, drills, reading, and discussion. Credit given for only one of G222 or G314.

**SLAV-K 101 Elementary Slovene I (4 cr.)** No previous knowledge of a Slavic language required. Intensive study of the structure of Slovene, for reading and speaking knowledge of the language. Credit given for only one of K101, K111, or K311.

**SLAV-K 102 Elementary Slovene II (4 cr.)** P: Grade of C or higher in K101 or equivalent. Continuation of K101. Credit given for only one of K102, K122, or K312.

**SLAV-K 111 Summer Intensive Elementary Slovene I (5 cr.)** Intensive summer equivalent of K101. Credit given for only one of K101, K111, or K311.

**SLAV-K 122 Summer Intensive Elementary Slovene II (5 cr.)** P: Grade of C or higher in K101 or equivalent. Intensive summer equivalent of K102. Credit given for only one of K102, K122, or K312.

**SLAV-M 101 Elementary Romanian I (4 cr.)** No previous knowledge of Romanian required. Introduction to basic structure of contemporary Romanian language and to culture. Reading and discussion of basic texts. Credit given for only one of M101, M111, or M311.

**SLAV-M 102 Elementary Romanian II (4 cr.)** P: Grade of C or higher in M101, M111, or M311, or equivalent. Introduction to basic structure of contemporary Romanian

language and culture. Reading and discussion of basic texts. Credit given for only one of M102, M122, or M312.

**SLAV–M 201 Intermediate Romanian I (3 cr.)** P: Grade of C or higher in M102 or equivalent. Continuation of work in structure and vocabulary acquisition through written exercises, study of word formation, drills, reading, and discussion of short stories. Credit given for only one of M201, M211, or M313.

**SLAV–M 202 Intermediate Romanian II (3 cr.)** P: Grade of C or higher in M201 or equivalent. Continuation of M201. Credit given for only one of M202, M222, or M314.

**SLAV–M 111 Summer Intensive Elementary Romanian I (5 cr.)** Intensive summer equivalent of M101. Credit given for only one of M101, M111, or M311.

**SLAV–M 122 Summer Intensive Elementary Romanian II (5 cr.)** P: Grade of C or higher in M101 or equivalent. Intensive summer equivalent of M102. Credit given for only one of M102, M122, or M312.

**SLAV–M 211 Summer Intensive Intermediate Romanian I (5 cr.)** P: Grade of C or higher in M102 or equivalent. Intensive summer equivalent of M201. Credit given for only one of M201, M211, or M313.

**SLAV–M 222 Summer Intensive Intermediate Romanian II (5 cr.)** P: Grade of C or higher in M201 or equivalent. Intensive summer equivalent of M202. Credit given for only one of M202, M222, or M314.

**SLAV–P 101 Elementary Polish I (4 cr.)** Introduction to modern standard Polish—reading, writing, and speaking. Focus on learning grammatical patterns and building an active vocabulary. Credit given for only one of P101, P111, or P311.

**SLAV–P 102 Elementary Polish II (4 cr.)** P: Grade of C or higher in P101 or equivalent. Introduction to modern standard Polish—reading, writing, and speaking. Focus on learning grammatical patterns and building an active vocabulary. Credit given for only one of P102, P122, or P312.

**SLAV–P 201 Intermediate Polish I (3 cr.)** P: Grade of C or higher in P102 or equivalent. Continuation of work in structure and vocabulary acquisition through written exercises, study of word formation, drills, reading, and discussion of short stories. Credit given for only one of P201, P211, or P313.

**SLAV–P 202 Intermediate Polish II (3 cr.)** P: Grade of C or higher in P201 or equivalent. Continuation of P201. Credit given for only one of P202, P222, or P314.

**SLAV–P 301 Advanced Intermediate Polish I (3 cr.)** P: Grade of B or higher in P202 or equivalent. Morphological, lexical, and syntactical analysis of a broad spectrum of textual materials with special emphasis on meaning. Development of oral and written fluency and comprehension.

**SLAV–P 302 Advanced Intermediate Polish II (3 cr.)** P: Grade of B or higher in P301 or equivalent. Morphological, lexical, and syntactical analysis of a broad spectrum of textual materials with special emphasis on meaning. Development of oral and written fluency and comprehension.

**SLAV–P 111 Summer Intensive Elementary Polish I (5 cr.)** Intensive summer equivalent of P101. Credit given for only one of P101, P111, or P311.

**SLAV–P 122 Summer Intensive Elementary Polish II (5 cr.)** P: Grade of C or higher in P101 or equivalent. Intensive summer equivalent to P102. Credit given for only one of P102, P122, or P312.

**SLAV–P 211 Summer Intensive Intermediate Polish I (5 cr.)** P: Grade of C or higher in P102 or equivalent. Intensive summer equivalent of P201. Credit given for only one of P201, P211, P313.

**SLAV–P 222 Summer Intensive Intermediate Polish II (5 cr.)** P: Grade of C or higher in P201 or equivalent. Intensive summer equivalent of P202. Credit given for only one of P202, P222, or P314.

**SLAV–Q 111 Summer Intensive Elementary Macedonian I (5 cr.)** No previous knowledge of Macedonian required. Introduction to basic structure of contemporary Macedonian language and to its culture. Reading and discussion of basic texts. Credit given for only one of Q101, Q111, or Q311.

**SLAV–Q 122 Summer Intensive Elementary Macedonian II (5 cr.)** P: Grade of C or higher in Q111, Q101, or Q311, or equivalent. Continuation of Q111. Credit given for only one of Q102, Q122, or Q312.

**SLAV–S 101 Elementary Serbian and Croatian I (4 cr.)** No previous knowledge of Serbian or Croatian required. Introduction to basic structure of contemporary Serbian and Croatian language and to culture. Reading and discussion of basic texts. Credit given for only one of S101, S111, or S311.

**SLAV–S 102 Elementary Serbian and Croatian II (4 cr.)** P: Grade of C or higher in S101 or equivalent. Continuation of S101. Credit given for only one of S102, S122, or S312.

**SLAV–S 102 Intermediate Serbian and Croatian I (3 cr.)** P: Grade of C or higher in S102 or equivalent. Continuation of work in structure and vocabulary acquisition through written exercises, study of word formation, drills, reading and discussion of short stories. Credit given for only one of S201, S211, or S313.

**SLAV–S 202 Intermediate Serbian and Croatian II (3 cr.)** P: Grade of C or higher in S201 or equivalent. Continuation of S201. Credit given for only one of S202, S222, or S314.

**SLAV–S 301 Advanced Intermediate Serbian and Croatian I (3 cr.)** P: Grade of B or higher in S202 or equivalent. Reading of literary texts from a variety of periods and locations in the Bosnian-Croatian-Serbian speech area. Sequence of readings in original parallels syllabus of S363-S364 in translation. Review of grammar, syntax, and expansion of lexicon as needed.

**SLAV–S 302 Advanced Intermediate Serbian and Croatian II (3 cr.)** P: Grade of B or higher in S301. Reading of literary texts from a variety of periods and locations in the Bosnian-Croatian-Serbian speech area. Sequence of readings in original parallels syllabus of S363-S364 in translation. Review of grammar, syntax, and expansion of lexicon as needed.



**SLAV-S 111 Summer Intensive Elementary Croatian/Serbian I (5 cr.)** Intensive summer equivalent of S101. Credit given for only one of S101, S111, or S311.

**SLAV-S 122 Summer Intensive Elementary Croatian/Serbian II (5 cr.)** P: Grade of C or higher in S101 or equivalent. Intensive summer equivalent of S102. Credit given for only one of S102, S122, or S312.

**SLAV-S 211 Summer Intensive Intermediate Croatian/Serbian I (5 cr.)** P: Grade of C or higher in S102 or equivalent. Intensive summer equivalent of S201. Credit given for only one of S201, S211, or S313.

**SLAV-S 222 Summer Intensive Intermediate Croatian/Serbian II (5 cr.)** P: Grade of C or higher in S201 or equivalent. Intensive summer equivalent of S202. Credit given for only one of S202, S222, or S314.

**SLAV-U 101 Elementary Ukrainian I (4 cr.)** No previous knowledge of Ukrainian required. First semester designed to provide active command of phonology and basic grammatical patterns of Ukrainian. Credit given for only one of U101, U111, or U311.

**SLAV-U 102 Elementary Ukrainian II (4 cr.)** P: Grade of C or higher in U101 or equivalent. Continuation of U101, designed to provide active command of phonology and basic grammatical patterns. Credit given for only one of U102, U122, U182, or U312.

**SLAV-U 111 Summer Intensive Elementary Ukrainian I (5 cr.)** No previous knowledge of Ukrainian required. Intensive summer equivalent of U101, designed to provide active command of phonology and basic grammatical patterns of Ukrainian. Credit given for only one of U101, U111, or U311.

**SLAV-U 122 Summer Intensive Elementary Ukrainian II (5 cr.)** P: U101 or equivalent. Intensive summer equivalent of U102, designed to provide active command of phonology and basic grammatical patterns. Credit given for only one of U102, U122, U182, or U312.

**SLAV-U 182 Ukrainian Through Russian (3 cr.)** P: at least one year of Russian or another Slavic language, or permission of the instructor. An accelerated Ukrainian language course for those who have previous experience with Russian or another Slavic language. Primarily a four-skill-based (i.e., speaking, listening, reading, writing) language class. Comparisons with Russian are made to clarify grammar points and facilitate the mastery of Ukrainian. Covers at least one year of basic Ukrainian. Credit given for only one of U182, U101-U102, U111-U122, or U311-U312.

**SLAV-V 101 Elementary Slovak I (4 cr.)** Course develops proficiency in speaking, listening, reading, and writing. Students are taught phonetic transcription. Grammatical concepts are introduced and reinforced through exercise drills and conversation. All of the cases are presented along with all verbal tenses. Special attention is devoted to verbal aspect in Slovak.

**SLAV-V 102 Elementary Slovak II (4 cr.)** Course develops proficiency in speaking, listening, reading, and writing. Students are taught phonetic transcription. Grammatical concepts are introduced and reinforced through exercise drills and conversation. All of the cases

are presented along with all verbal tenses. Special attention is devoted to verbal aspect in Slovak.

### **Other Slavic Literatures and Cultures in English Translation**

Knowledge of Slavic languages not required.

**SLAV-C 223 Introduction to Czech Culture (3 cr.)** A & H, CSA Introduction to history, literature, visual arts, music, film, and theatre of the Czechs.

**SLAV-C 363 History of Czech Literature and Culture (3 cr.)** A & H, CSA A history of the Czech lands and their art, literature, and music from the ninth through the late nineteenth centuries. Some discussion of Slovak language and literature also included.

**SLAV-C 364 Modern Czech Literature and Culture (3 cr.)** A & H, CSA Survey of literary, cultural, historical and political developments of the Czech lands from the late nineteenth century through the present. Some discussion of Slovak language and literature and émigré literature also included.

**SLAV-C 365 Seminar in Czech and Central European Literatures and Cultures (3 cr.)** A & H, CSA Focus on either Czech or Central European literature and culture; intensive study of an author, a period, or a literary or cultural development. Readings and lectures in English. May be repeated for a maximum of 6 credit hours.

**SLAV-P 223 Introduction to Polish Culture (3 cr.)** A & H, CSA Survey of Polish culture from the origins of the Polish state to modern times. Important historical, political, and social developments and trends as seen through literature, art, science, music, architecture, and political documents. Knowledge of Polish not required.

**SLAV-P 363 Survey of Polish Literature and Culture I (3 cr.)** A & H, CSA Polish literature in English translation from its origins to the end of the nineteenth century in its historical and sociopolitical context. Knowledge of Polish not required.

**SLAV-P 364 Survey of Polish Literature and Culture II (3 cr.)** A & H, CSA Polish literature in English translation from the end of the nineteenth century to the present in the larger European context. Knowledge of Polish not required.

**SLAV-P 365 Topics in Polish Literature and Culture (3 cr.)** P: P364 or consent of instructor. A & H Discussion of the verbal-visual relationship as presented in Polish literature and in major theoretical works. Knowledge of Polish not required.

**SLAV-P 366 Polish Film (3 cr.)** A & H, CSA An exploration of the postwar history of Polish cinema, made famous worldwide by directors such as Wajda, Kieslowski, and Polanski. Topics of interest include the cinema of moral anxiety (1970s); absurd comedies depicting life under communism; adaptations of literary classics; and new topics and genres in Polish film after 1989.

**SLAV-R 353 Central European Cinema (3 cr.)** A & H, CSA Broad cultural overview of Central European cinema, highlighting major developments of cinema in Poland, Hungary, Bulgaria, and the former Republics of Czechoslovakia and Yugoslavia in the post-Stalin era.

Special attention will be given to the individual style and aesthetics of several major film directors.

**SLAV-S 149 Special Topics in Slavic Studies (1-3 cr.)**

Study and analysis of literary and/or cultural issues and problems in the Slavic studies area. Variable topics ranging from a study of a single novel to selected works of Slavic literature in their historical and cultural contexts. May be repeated with different topics for a maximum of 9 credit hours.

**SLAV-S 223 Introduction to Balkan and South Slavic Cultures (3 cr.) A & H, CSA**

Survey of the cultures of Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Macedonia, Bulgaria, Albania, and Romania, concentrating on the modern period. Lectures and readings in English.

**SLAV-S 320 Special Topics in Slavic Studies (1-3 cr.)**

Study and analysis of literary and cultural issues and problems in the Slavic studies area. Variable topics ranging from a study of a single novel or genre to selected themes of Slavic literature in their historical and cultural contexts. Topics will vary from semester to semester. May be repeated with different topics for a maximum of 9 credit hours.

**SLAV-S 363 Literature and Culture of the Southern Slavs I (3 cr.) A & H, CSA**

Survey of the history and cultures of the Croats, Slovenes, Serbs, Macedonians, and Bulgarians from prehistory to the present. Readings and lectures in English.

**SLAV-S 364 Literature and Culture of the Southern Slavs II (3 cr.) A & H, CSA**

Survey of the history and cultures of the Croats, Slovenes, Serbs, Macedonians, and Bulgarians from prehistory to the present. Readings and lectures in English.

**SLAV-U 223 Introduction to Ukrainian Culture (3 cr.)**

**A & H, CSA** Survey of Ukrainian culture from Kyivan Rus to the present, including such diverse facets of Ukrainian culture as folklore, language, art, literature, and modern pop-culture. Readings are supplemented by documentaries, cartoons, and music. Knowledge of Ukrainian not required.

## Related Courses

See listings under Russian and East European Institute.

# Sociology

## Introduction

Sociology is the scientific study of society and of human social interaction as organized in systems of social relationships, organizations, and institutions. It seeks to explain the order, disorder, and change that characterize social life as well as their implications for individuals. Major subfields offered by the Department of Sociology (SOC) include social psychology; deviance; social inequality; medical sociology; and the study of the family, schools, gender roles, ethnic and racial groups, and social classes.

## Contact Information

Department of Sociology  
Indiana University  
Ballantine Hall 744  
Bloomington, IN 47405

(812) 855-1547

[platters@indiana.edu](mailto:platters@indiana.edu)

<http://www.indiana.edu/~soc>

## Faculty

### Chairperson

- Professor Eliza Pavalko

### Distinguished Professor

- Bernice Pescosolido

### Virginia L. Roberts Professor

- Peggy A. Thoits

### Rudy Professors of Sociology

- E. Clem Brooks
- Thomas Gieryn
- Brian Powell
- Pamela Walters

### Chancellor's Professors

- J. Scott Long
- Robert Robinson

### Robert H. Shaffer Professor

- William Corsaro

### Allen D. and Polly S. Grimshaw Professor

- Eliza Pavalko

### Professors

- Donna Eder
- Pamela Jackson
- Jane McLeod
- Martin Weinberg
- David Zaret

### Associate Professors

- Arthur Alderson
- Timothy Bartley
- Laurel Cornell
- Patricia McManus
- Ethan Michelson
- Brian Steensland
- Quincy Stewart

### Assistant Professors

- Steven Benard
- Timothy Hallett
- Ho-fung Hung
- Jennifer C. Lee
- Paulette Lloyd
- Fabio Rojas

### Academic Advising

- Jim Gibson, Ballantine Hall 749, (812) 855-4233

## Major in Sociology

### Purpose

The major is designed to acquaint students with basic principles, methods, and findings in sociology and to provide students with an opportunity to discover and to understand the social nature of their world. Provision is made for students who wish to acquire a general background as well as for those who wish to develop particular interests in a subfield of sociology. The major provides a foundation for careers in many professional fields, such as law, social service administration, and business, as well as for graduate training as professional sociologists in government, business, community agencies, research organizations, or universities.

### Required Courses

Students must complete 27 credit hours of course work as follows:

1. S100.
2. One additional course from S101, S105, S110, S122, S201, S210, S215, S217, S220, S230.
3. S370, S371, and S340.
4. Nine credit hours at the 300 or 400 level (excluding S340, S370, and S371).
5. One 3 credit 400-level Capstone Seminar. (The following courses do not qualify as Capstone Seminars: S491, S492, S493, S494, and S495.)

Students must complete the degree requirements of the College of Arts and Sciences.

## Interdepartmental Major in Sociology and African American and African Diaspora Studies

### Required Courses

Students must meet the following course requirements for a minimum total of 40 credit hours.

#### Sociology

At least 21 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

1. One course from the following:
  - S100 Introduction to Sociology
  - S210 The Economy, Organizations, and Work
  - S215 Social Change
  - S230 Society and the Individual
2. S110 Charts, Graphs, and Tables.
3. S217 Social Inequality.
4. S335 Race and Ethnic Relations.
5. Three additional courses in sociology at the 300–400 level.

#### African American and African Diaspora Studies

At least 18 credit hours, of which at least 12 credit hours must be at the 300 level or above, including:

- A150 Survey of the Culture of Black Americans
- A355 African American History I or A356 African American History II

- A379 Early Black American Writing or A380 Contemporary Black American Writing
- 9 additional credit hours from History, Culture, and Social Issues Concentration. These 9 credit hours must include the Senior Seminar. (Majors are strongly encouraged to take A363 Research on Contemporary African American Problems I when it is taught.)

Students must complete the degree requirements of the College of Arts and Sciences.

## Combined Programs

Degree programs combining sociology with journalism, business, urban studies, or other fields are available. Consult the academic advisor in the Department of Sociology, Ballantine Hall 749. Double majors should also consult the College of Arts and Sciences requirements.

## Minor in Sociology

### Required Courses

Students must complete 15 credit hours of sociology; at least 9 credit hours must be taken on the Bloomington campus.

Included in the 15 credit hours of sociology are:

1. One of the following: S100, S105, S110, S122, S201, S210, S215, S217, S220, S230.
2. Two sociology courses at the 300–400 level.
3. Two sociology courses at any level.

Students whose major department requires a minor should consult with their advisor about additional or other requirements. Students who have questions about an appropriate statistics course should consult the advisor.

## Minor in Sociology of Work and Business

### Purpose

This minor offers students the opportunity to certify an area of concentration that examines the social context within which business activities take place and the social processes that shape economic organizations. The minor encourages students to explore implications of trends in families, gender roles, race and ethnic relations, and other noneconomic areas of social life for understanding the organization and future prospects of business in America. For students in the Kelley School of Business, the minor documents completion of an integrated course of study on the impact of social trends on work and occupations. For students in the College of Arts and Sciences and other schools of the university, the minor certifies that they have combined the study of work and occupations with their major field of concentration. Students may not earn both a minor in sociology and a minor in sociology of work and business.

### Required Courses

The minor requires completion of 15 credit hours, including:

1. Either S100, S110, or S101 (see advisor for approved sections of S101).
2. Four courses, including at least 6 hours at the 300–400 level, from S210\*, S215, S217, S302\*, S305, S308, S315\*, S316, S335, S338, S346\*, S410,

S450.\* (See advisor for approved sections of S410 and S450.)

3. At least 9 credit hours of the above courses must be taken in residence at the Bloomington campus.

\*The department recommends that students who select the minor in sociology of work and business take these courses because of their immediate relevance to work and occupation. Students may substitute a 400-level seminar, with an appropriate topic, for one of the four courses, with the approval of the director of undergraduate studies.

## Minor in Social Science and Medicine Purpose

This minor allows students to explore the social origins of health and disease and the delivery and consumption of medical services, paying special attention to relevant social, historical, behavioral, and ethical contexts. The minor, which is organized in five concentrations, facilitates and certifies a greater understanding of the social context of health than could be achieved in a less integrated course of study. It emphasizes a multidisciplinary approach to health issues that establishes a bridge between the social sciences and health profession studies.

### Required Courses

The minor requires completion of 15 credit hours from courses approved for the Minor in Social Science and Medicine, including:

1. SOC-S 101 Topics in Social Programs and Policies (3 cr.) **S & H** Approved topic: Medicine in America.
2. At least 6 additional credit hours of approved courses within the College of Arts and Sciences, of which at least 3 credit hours must be at the 300–400 level.
3. Up to 6 credit hours in approved courses from outside the College may be included in the minor.
4. At least 6 credit hours must be at the 300–400 level.

The five concentrations in the Social Science and Medicine minor include:

### Health Care and Society

A social science–focused minor that examines social factors defining health status and approaches to care.

### Social Changes in Treatment and Health Care Organization

Social perspectives on the delivery and evaluation of care.

### Mental Illness and Society

Social and biological factors in mental health.

### Social Factors in Community Health

Epidemiologic approaches to the study of health status and health needs of populations, rather than that of individuals.

### Decision Making in Seeking and Providing Care

Preparing patients and providers as partners in clinical and ethical decisions.

See sociology advisor or the Web at [www.indiana.edu/~soc/index.shtml](http://www.indiana.edu/~soc/index.shtml) for a list of requirements and approved courses.

## Departmental Honors Program

The honors program in sociology permits outstanding students to pursue important issues and problems in depth. Students must have a 3.300 GPA or higher and a minimum of a 3.500 GPA in the major to begin the honors program. To graduate with honors in sociology, students must complete a minimum of 30 credit hours in sociology and complete an honors thesis as part of a two-semester honors seminar sequence (S498–S499) and a one-semester graded independent readings course (S495).

## Overseas Study

Students are encouraged to study abroad, particularly in Indiana University overseas study programs, where they can continue to make progress toward their degrees and apply financial aid to program fees. For information about study abroad, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304, ([www.indiana.edu/~overseas](http://www.indiana.edu/~overseas)).

## Course Descriptions

### SOC–H 100 Introduction to Sociology—Honors (3 cr.)

**S & H** Introduction to the central concepts, methods, and theoretical orientations of sociology. Develops a critical/analytical attitude toward societal institutions.

### SOC–S 100 Introduction to Sociology (3 cr.) **S & H**

Introduction to the concepts and methods of sociology with an emphasis on understanding of contemporary American society.

### SOC–S 101 Social Problems and Policies (3 cr.) **S & H**

Introduces sociology through in-depth study of a major social problem; examines research on the problem; and explores alternative policies. Problems treated vary by section. Examples include the environment; women, men, and work; medicine in America; the sociology of sport; alcohol and drug use. May be repeated with different topics for a maximum of 15 credit hours. May be counted only once in the major toward departmental requirements.

### SOC–S 105 Community Problems and Outreach

**(3 cr.) S & H** By combining traditional classroom learning with community outreach, this course offers the unique opportunity to acquire both academic and experiential knowledge of social problems currently facing the Bloomington community. The focus of our academic inquiry and community outreach will center around, but will not be limited to, the following social problems: poverty, homelessness, child abuse, and domestic violence.

### SOC–S 110 Charts, Graphs, and Tables (3 cr.) **N & M**

Introduces sociology by developing students' skills as consumers and producers of charts, graphs, and tables. Data displays are used to illustrate social trends in crime, divorce, and the economy; to assess political programs; and to test social science theories. Students will learn how to find information on the World Wide Web and in government documents; how to read, interpret, and evaluate the accuracy of graphical information, and how to present social trends and comparisons in interesting visual formats.

### SOC–S 122 Envisioning the City (3 cr.) **S & H**

Students conduct field research in a city in order to understand the relationship between the built environment and social

problems such as obesity and residential segregation. Addresses approaches to resolving these problems through community action.

**SOC–S 201 Social Problems (3 cr.) S & H** Social problems analyzed from the perspective of major sociological theories. Specific problems include poverty and inequality; crime, violence, and law enforcement; institutional problems (education, economy, family, health); globalization in the twenty-first century.

**SOC–S 210 The Economy, Organizations, and Work (3 cr.) S & H** Explores the transformation of capitalism and industrialized societies, the evolution of organizations such as corporations, government agencies, educational systems, and others, and the changing world of work.

**SOC–S 215 Social Change (3 cr.) S & H** Introduction to theoretical and empirical studies of social change. Explores issues such as modernization; rationalization; demographic, economic, and religious causes of change; and reform and revolution.

**SOC–S 217 Social Inequality (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Why are income, wealth, and status distributed unequally? Is social inequality good for society? Explores the economic basis of social class, education, and culture; social mobility; social inequality in comparative and historical perspective.

**SOC–S 220 Culture and Society (3 cr.) S & H** Explores changing beliefs about the role of ideas, values, and symbols in society. Considers recent public debates over the content and practices of science, morality, art, and popular culture.

**SOC–S 230 Society and the Individual (3 cr.) S & H** Introduction to the concepts, perspectives, and theories of social psychology from the level of the individual to collective behavior. Credit not given for both S230 and H230.

**SOC–S 302 Organizations in Society (3 cr.) S & H** Analysis of the internal structure of firms and other complex organizations, and their power in society. Considers how organizations are shaped by the state, suppliers, competitors, and clients; investigates how organizational structure shapes attitudes of managers and workers. Other topics include technology and organizational culture, organizational birth, death, and adaptation processes.

**SOC–S 305 Population (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Population composition, fertility, mortality, natural increase, migration; historical growth and change of populations; population theories and policies; techniques in manipulation and use of population data; and the spatial organization of populations.

**SOC–S 308 Global Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Multinational corporations, new information technologies, and international trade have made the world increasingly interdependent. This course considers how business, technology, disease, war, and other phenomena must be seen in a global context as affecting national sovereignty, economic development, and inequality in resources and power between countries.

**SOC–S 309 The Community (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Introduction to the sociology of community life, stressing the processes of order and change in community organization. Major topics include the community and society, the nonterritorial community, analysis of major community institutions, racial-ethnic differences in community behavior, community conflict and community problems.

**SOC–S 311 Politics and Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Interrelations of politics and society, with emphasis on formation of political power, its structure, and its change in different types of social systems and cultural-historical settings.

**SOC–S 312 Education and Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** The role of educational institutions in modern industrialized societies, with emphasis on the functions of such institutions for the selection, socialization, and certification of individuals for adult social roles. Also covers recent educational reform movements and the implications of current social policies on education.

**SOC–S 313 Religion and Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** The nature, consequences, and theoretical origins of religion, as evident in social construction and functional perspectives; the social origins and problems of religious organizations; and the relationships between religion and morality, science, magic, social class, minority status, economic development, and politics.

**SOC–S 315 Work and Occupations (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Treats work roles within such organizations as factory, office, school, government, and welfare agencies; career and occupational mobility in work life; formal and informal organizations within work organizations; labor and management conflict and cooperation; and problems of modern industrial workers.

**SOC–S 316 The Family (3 cr.) S & H** Explores the role of the family as a social institution. Topics include variations in courtship behavior, family formation, and kinship patterns; the care of children and other dependents; changes in work patterns, marriage, divorce, and cohabitation over time; the linkages between the family, the workplace, and the state.

**SOC–S 317 Inequality (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Nature, functioning, and maintenance of systems of social stratification in local communities and societies. Correlates and consequences of social class position and vertical mobility.

**SOC–S 319 Science, Technology, and Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Issues such as development and structure of the scientific community; normative structure of science; cooperation, competition, and communication among scientists; scientists' productivity, careers, and rewards; development of scientific specialties; and relationship between science and society.

**SOC–S 320 Deviant Behavior and Social Control (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Analysis of deviance in relation to formal

and informal social processes. Emphasis on deviance and respectability as functions of social reactions, characteristics of rules, and power and conflict.

**SOC-S 321 Sexual Diversity (3 cr.) S & H** Sociological examination of diversity in several dimensions of human sexuality: sexual definitions, incidence of various behaviors, intensity of sexual response, sexual object choice, and other modes of sexual expression.

**SOC-S 324 Mental Illness (3 cr.) P:** S230 or consent of instructor. **S & H** Social factors in mental illness: incidence and prevalence by social and cultural categories; variations in societal reaction; social organization of treatment institutions.

**SOC-S 325 Criminology (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Factors in genesis of crime and organization of criminal behavior from points of view of the person and the group.

**SOC-S 326 Law and Society (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Social origins of civil and criminal law, social bases of legal decision making, and social consequences of the application of law.

**SOC-S 329 Women and Deviance (3 cr.) S & H** Using theoretical models of women and deviance, this course examines gender norms and roles in crime, detective fiction, mental illness, alcoholism, drug addiction, lesbianism, rape, and abortion.

**SOC-S 335 Race and Ethnic Relations (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H, CSA** Relations between racial and ethnic minority and majority groups; psychological, cultural, and structural theories of prejudice and discrimination; comparative analysis of diverse systems of intergroup relations.

**SOC-S 338 Gender Roles (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Exploration of the properties, correlates, and consequences of gender roles in contemporary societies. Emphasis on defining gender roles, tracing their historical development, and considering their implications for work, marriage, and fertility with cross-cultural comparisons.

**SOC-S 339 The Sociology of Media (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** The mass media (print, radio, and television) have come to play an increasingly important role in society. This course explores the effects of the mass media on public opinion, crime and violence, social integration, and values. Mass media messages and audiences will also be considered.

**SOC-S 340 Social Theory (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Sociological theory, with focus on content, form, and historical development. Relationships between theories, data, and sociological explanation.

**SOC-S 342 Asian American Communities and Identities (3 cr.) S & H, CSA** This course takes a sociological approach to examining the communities, cultures, and identities of Asians in the United States. It situates Asian American experiences within broader social and historical contexts in order to address questions about who is viewed as American and how Asian Americans establish and maintain their ethnic identities.

**SOC-S 344 Sociology of Childhood (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Analysis of childhood as a structural form and children as social agents who contribute to societal reproduction and change. Considers the relation of childhood to other social institutions and children's contributions to society historically and cross-culturally. Examines how social policies in education, family, and work affect children's lives.

**SOC-S 346 Topics in Cross-Cultural Sociology (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H, CSA** Study of selected sociological issues with an emphasis on cross-cultural analysis. Specific topics announced each semester; examples include work, family, childhood, religion, and education. May be repeated with different topics for a maximum of 9 credit hours.

**SOC-S 359 Community-Based Research (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Introduces students to a topic of sociology and to applied sociology through a community-based research project that addresses some community need. Hands-on experience in all stages of the project, including conceptualization, sampling, questionnaire construction, data collection, and analysis.

**SOC-S 360 Topics in Social Policy (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** Specific topics announced each semester; examples include environmental affairs, urban problems, poverty, and population problems. May be repeated three times for credit with a different topic.

**SOC-S 370 Research Methods in Sociology (3 cr.) P:** 3 credit hours of sociology or consent of instructor. **S & H** The logic of scientific work in sociology; theory construction; major research designs, including experiments, sample surveys, and ethnographic field studies. Methods of sampling; measurement of variables; and descriptive statistics. Commonly used rates and indices in social research; using software to produce graphical displays and descriptive statistics.

**SOC-S 371 Statistics in Sociology (3 cr.) P:** MATH M014 or equivalent. **R:** 3 credit hour mathematics course approved for College of Arts and Sciences mathematics requirement. **N & M** Introduces the logic of statistical inference. Students will learn how to use sample data to reach conclusions about a population of interest by calculating confidence intervals and significance tests. Estimating the effects of multiple independent variables using cross-tabulations and/or regression. Credit given for only one of S371, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, PSY K300 or K310, STAT K310 or S300, or SPEA K300.

**SOC-S 409 Social Context of Schooling (3 cr.) P:** S210, S230, or S312; S370; or consent of department. **S & H** Interactional processes within schools and classrooms, focusing on ability grouping and curriculum tracking, educational decision making, peer group culture and interaction, and gender and ethnic differences in socialization.

**SOC-S 410 Topics in Social Organization (3 cr.) P:** S210 or S340; S370; or consent of department. **S & H** Specific topics announced each semester, e.g., social stratification, formal organizations, urban social

organization, education, religion, politics, demography, social power, social conflict, social change, comparative social systems. May be repeated three times for credit with a different topic.

**SOC-S 412 American Political Behavior (3 cr.)** P: S100, S210, S215, or S340; S370; or consent of department. **S & H** Sociological and social-psychological antecedents, correlates, and consequences of political behavior, with emphasis on the American scene and politics of nongovernmental organizations.

**SOC-S 413 Gender and Society (3 cr.)** P: S210, S230, or S338; S370; or consent of department. **S & H** Explores several theories of sex inequality in order to understand the bases of female-male inequality in American society; examines the extent of sex inequality in several institutional sectors; and considers personal and institutional barriers women face, including those resulting from socialization, discrimination, and other structural arrangements.

**SOC-S 417 Conversation Analysis (3 cr.)** P: S370 or consent of department. **S & H** Sociological investigation of conversational interaction in ordinary life and institutional domains such as education, law, business, and medicine. Topics may include how participants open and close conversations, talk topically, deliver news, tell stories, accomplish goals and agendas, and communicate delicate matters. Students work with audio and video recordings of conversations.

**SOC-S 419 Social Movements and Collective Action (3 cr.)** P: S215 and S370, or consent of department. **S & H** Change-oriented social and political collective action and consequences for groups and societies. Resource mobilization, historical and comparative analysis of contemporary movements and collective action.

**SOC-S 420 Topics in Deviance (3 cr.)** P: S320 and S370, or consent of department; may vary with topic. **S & H** Specific topics announced each semester; e.g., crime, juvenile delinquency, law enforcement, corrections, mental illness, sexual deviance, drug use, violence, and physical disability. May be repeated three times for credit with a different topic.

**SOC-S 422 Constructing Sexuality (3 cr.)** P: S370 or consent of department. **S & H** A sociological examination of a variety of forms of human sexuality from the perspectives of social constructionism and politics of sexuality.

**SOC-S 427 Social Conflict (3 cr.)** P: S210, S230, or S340; S370; or consent of department. **S & H** Origin, development, and termination of social conflict; its organizing and disorganizing effects; its control.

**SOC-S 431 Topics in Social Psychology (3 cr.)** P: S230 and S370, or consent of department; may vary with topic. **S & H** Specific topics announced each semester; e.g., socialization, personality development, small-group structures and processes, interpersonal relations, language and human behavior, attitude formation and change, collective behavior, public opinion. May be repeated three times for credit with a different topic.

**SOC-S 433 Adult Socialization (3 cr.)** P: S230 and S370, or consent of instructor. **S & H** Socialization into adult roles, including marriage and family, occupation,

sex, age, and ethnicity. Focuses on the nature of these roles, the organizational constraints involved, the agents of socialization, the organizational and individual consequences of outcomes, and the relationship between self structure and social structure in the process.

**SOC-S 435 Social Psychology of the Self (3 cr.)** P: S230 and S370, or consent of department. **S & H** The nature of the self and its development and consequences from various perspectives. Topics include identity dissolution, shame, guilt, anxiety, and alienation. Techniques of measurement and analysis of self concept.

**SOC-S 438 Childhood Socialization (3 cr.)** P: S230 and S370, or consent of department. **S & H** Human learning and social development in childhood. Topics include review of theoretical approaches and research methods of childhood socialization, language acquisition and thought, interactive competence and self-development, culture/class variation in socialization, sex role development, and classroom socialization. Emphasis on transmission of cultural communication and acquisition of basic social skills by children.

**SOC-S 439 Social Interaction (3 cr.)** P: S370 or consent of department. **S & H** Explores how social interaction modifies status and power structures, produces and reduces stress and affective fulfillment, and enables the accomplishment of work and organizational tasks. Topics covered may include nonverbal communication, cognitive structuring of interaction, the functioning of attitudes and emotions, presentations of self, and negotiation activities.

**SOC-S 441 Topics in Social Theory (3 cr.)** P: S340 and S370, or consent of department. **S & H** Topics may include structuralism, evolutionary theory, symbolic interaction theory, functionalism, social action theory, exchange theory, history and development of social theory, sociology of knowledge.

**SOC-S 450 Topics in Methods and Measurement (3 cr.)** P: S370 and S371, or consent of department. **S & H** Topics may include logic of inquiry, model construction and formalization, research design, data collection, sampling, measurement, statistical analysis.

**SOC-S 491 Sociological Research Practicum I (3 cr.)** P: Both S370 and S371, or consent of instructor. Participation in all aspects of a sociological research project, including conceptualization and design, data collection, analysis, and report writing.

**SOC-S 492 Sociological Research Practicum II (3 cr.)** P: S491 or consent of instructor. Continuation of S491 with emphasis on analysis and report writing.

**SOC-S 493 Professional Strategies for Sociology Majors (1 cr.)** Documenting what has been learned, assembling a portfolio, writing a resume and letters of application; getting ready for graduate school or the labor market, using the World Wide Web.

**SOC-S 494 Field Experience in Sociology (1-6 cr.)** P: Consent of instructor and prior arrangement. Faculty-directed study of aspects of sociology based on field experience, in conjunction with directed readings and writing. Specifically, each intern is required to (1) keep a daily or weekly journal, which is given at regular intervals to the faculty sponsor; (2) give an oral report once the fieldwork is completed; and (3) depending on academic

credit, write a journal or an analytic paper or both. Limited to a total of 9 credit hours of both S494 and S495.

**SOC-S 495 Individual Readings in Sociology (1–6 cr.)** P: Consent of instructor and prior arrangement, usually in conjunction with honors work. Limited to a total of 9 credit hours of both S494 and S495.

**SOC-S 498 Honors Thesis Seminar I (3 cr.)** P: Consent of honors thesis seminar instructor. Research and preparation of senior honors thesis.

**SOC-S 499 Honors Thesis Seminar II (3 cr.)** P: S370 and S498, and consent of honors thesis instructor.

**SOC-Y 398 Internship in Professional Practice (1–3 cr.)** P: Two sociology courses (including one beyond the 100 level) and approval of the director of undergraduate studies in the Department of Sociology. Provides opportunities for students to receive credit for selected, career-related work in a cooperating institution, agency, or business. Research paper that relates work experience to materials learned in sociology courses is required. Evaluation by employer and the director of undergraduate studies in the Department of Sociology. Three credit hours to count in the major or minor. Limited to a total of 9 credit hours of Y398, S494, or S495 combined.

## Spanish and Portuguese

### Introduction

The Department of Spanish and Portuguese (HISP) offers courses at all levels, elementary through graduate, in the language and literature of Spain and Spanish America; language and literature of Portugal and Brazil; and, on the advanced level, Catalan. The department participates in the programs offered by comparative literature, folklore and ethnomusicology, gender studies, Latin American studies, linguistics, medieval studies, Renaissance studies, and West European studies.

### Contact Information

Department of Spanish and Portuguese  
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[spanport@indiana.edu](mailto:spanport@indiana.edu)

[www.indiana.edu/~spanport/](http://www.indiana.edu/~spanport/)

## Faculty

### Chairperson

- Catherine Larson

### Professors

- Maryellen Bieder
- J. Clancy Clements
- Luis Dávila
- Olga T. Impey
- Catherine Larson
- Kathleen Myers
- Darlene J. Sadlier
- Gustavo Sainz

### Associate Professors

- Deborah Cohn
- Manuel Antonio Díaz-Campos
- Melissa Dinverno
- Patrick Dove
- César Félix-Brasdefer
- Kimberly Geeslin
- Alejandro Mejías-López
- Reyes Vila-Belda
- Steven Wagschal

### Assistant Professors

- Carl Good
- Edgar Illas
- Luciana Namorato
- Miguel Rodríguez-Mondoñedo
- Estela Vieira
- Erik Willis

### Director of Graduate Studies

- Steven Wagschal

### Director of Undergraduate Studies

- J. Clancy Clements

### Director of the Portuguese Program

- Darlene J. Sadlier

### Director of Hispanic Linguistics

- Kimberly Geeslin

### Director of Language Instruction

- Silvana Falconi

### Academic Advising

- Sioux Hill, Ballantine Hall 844. To schedule an appointment, please call (812) 855-8376, option 4.

## Special Credit Option in Spanish

Automatic special credit of 4 credit hours is granted for S105 when a student tests into S200 or higher on the IU Bloomington Spanish placement exam. Three hours of special credit are granted for S200 for placement into and completion of S250 taken at Bloomington with a minimum grade of C–. A total of 6 hours of credit is granted for S200 and S250 for placement into and completion of S280 or a 300-level course taken at Bloomington with a minimum grade of C–. Credit for Spanish S200 and/or S250 must be claimed by going to our Spanish and Portuguese Web site at [www.indiana.edu/~spanport/undergraduate.shtml](http://www.indiana.edu/~spanport/undergraduate.shtml) and submitting the form electronically. Special credit is never given for S280.

## Special Credit Option in Portuguese

Special credit for 200-level Portuguese courses must be earned by taking the course in which you are placed and completing it with a minimum grade of C– or higher. Placement into Portuguese is determined by meeting with the director of the Portuguese program and discussing your previous work in the language. Special credit is granted for courses earlier in the sequence once the course taken by the student is completed successfully with a grade of C– or higher. Special credit is given for courses up through P250. Credit for Portuguese must be claimed by filling out the appropriate form in Ballantine Hall 844.



## Major in Spanish

### Requirements

Students must complete 33 credit hours for the major, including the following:

1. S250 and S280, or equivalent placement. Students who place into the S300 level are not eligible for S280 credit. As a result, they must take an additional 3 credits at the S300 or S400 level.
2. S324, S326, and S328.
3. One of the following tracks:

#### Hispanic Linguistics Track

Three 400-level electives in Spanish linguistics, one 400-level elective in Spanish literature, and two 300- or 400-level electives in any area.

#### Hispanic Literature Track

Three 400-level electives in Spanish literature, one 400-level elective in Spanish linguistics, and two 300- or 400-level electives in any area. At least one literature course must be taken in a pre-1800 field. The pre-1800 400-level classes are S407, S450, and S471.

#### Hispanic Studies Track

Four 400-level electives (at least one of which must be in Spanish literature and at least one in Spanish linguistics) and two 300- or 400-level electives in any area.

4. At least one 3 credit hour 400-level course must be taken on the Bloomington campus.
5. Portuguese P135 or Catalan C400 may be substituted for one 300- or 400-level general elective in any of the three tracks.

**Note:** The 400-level linguistics courses are S425, S427, S429, and S430. The 400-level literature courses are S407-S408, S417, S418, S419, S420, S422, S423, S435, S450, S470, S471-S472, S473, S474, S479, S480, and S481. Courses that count for either linguistics or literature depending on the topic are S495 and S498. The 400-level culture courses are S411, S412, and S413.

The following courses cannot be used to fulfill any portion of the major: S260, S265, S284, S290, S421, S494, and S499.

Native speakers of Spanish are not eligible for 100- and 200-level special credit. They must complete the major with course work at the 300 and 400 level.

Students must complete the degree requirements of the College of Arts and Sciences.

## Major in Portuguese

### Required Courses

Students must complete the following:

1. 25 credit hours in courses beyond P100-P150.
2. 12 credit hours of the 25 will be in 400-level courses, including 6 credit hours in literature. The 12 credit hours must include at least one 3 credit hour course taken on the Bloomington campus.

Native speakers of Portuguese are expected to complete the major with course work at the 300 and 400 level.

Students must complete the degree requirements for the B.A. degree in the College of Arts and Sciences.

### Required Minor

Portuguese majors must complete a minor of at least 15 credit hours of course work. Students may not use any courses from their Portuguese major to satisfy this minor requirement. A minor field of study may be selected from another department of the College of Arts and Sciences, the Kelley School of Business, or the School of Public and Environmental Affairs. Students should consult with a faculty advisor in the minor field of study, and students choosing a minor field outside the College should review policies on outside credit hours (see Courses Outside the College of Arts and Sciences).

If a department offers a minor approved by the College, Portuguese majors must follow the specified requirements and be approved by the department. If majors choose a field that does not specify a minor, the requirement includes at least 15 credit hours in a single department with at least 9 credit hours at the 300 level or above.

Foreign language course work at the 100 level does not count toward the minor. The minor requirement is waived for students who complete a double major.

## Minor in Spanish

### Required Courses

At least 15 College of Arts and Sciences credit hours of course work in courses taught in Spanish at or above the 250 level, including S250, S280, any two of the 300-level core courses (S324, S326, S328), and one additional course at the 300 or 400 level. Students who place into the S300 level are not eligible for S280 credit. As a result, they must take an additional 3 credits at the S300 or S400 level.

**Note:** Native speakers of Spanish are expected to complete the minor with course work at the 300 and 400 level.

The following courses cannot be used to fulfill any portion of the major: S260, S265, S284, S290, S421, S494, S499, P135, or C400.

For detailed information about the options available to minors, consult the departmental office of undergraduate studies.

## Minor in Portuguese

### Required Courses

At least 15 College of Arts and Sciences credit hours of course work at or above the 200 level, including:

1. P200-P250.
2. P311.
3. P317 and one 400-level course; **or** two P400-level courses; **or** one P400-level course and P290 with permission from the department.

**Note:** Native speakers of Portuguese are expected to complete the minor with course work at the P300 and P400 level.

For detailed information about the options available to minors, students should consult the departmental office of undergraduate studies.

## Departmental Honors Program

The Spanish Honors Program and the Portuguese Honors Program are designed for students who wish to take advantage of an academic challenge beyond the requirements of the departmental major. It provides highly motivated students with the opportunity for tutorial instruction and independent research during the junior and senior years of their undergraduate study. The Honors Director of the department solicits from the faculty nominations for the Honors Program and then screens and interviews the nominees in order to admit into the program those who are most likely to succeed. Students may, in addition, apply directly to the program by contacting the departmental Honors Director or the administrative undergraduate secretary. To be eligible, a student must have an overall grade point average of 3.350 with a 3.500 GPA or higher in their major core courses, either Spanish or Portuguese, and also have completed all course work at the 300 level of their major. It is expected that the student will maintain the above GPAs until graduation.

## Secondary Teacher Certification

Majors who wish to qualify for a secondary teacher's certificate can meet the requirements for a bachelor's degree in the College of Arts and Sciences as well as for a provisional teaching certificate. Interested students should consult the School of Education or the department's professional advisor or director of undergraduate studies.

## Spanish at the Global Village Living-Learning Center

The department cooperates with the Global Village Living-Learning Center in offering residential options for students with an interest in languages and cultures. Students may request a roommate who speaks the same foreign languages and will live among other students in the Global Village who speak those languages as well. Students can use and develop language skills in a variety of language-related activities and extensive student-organized activities. Students have access to an on-site computer lab for language practice and the university's cable television service, which includes a number of international channels. The Global Village aims to expand student knowledge of foreign languages, foreign cultures, and world affairs; develop mutual understanding and appreciation of other cultures; prepare students for study abroad; and assist students with accessing Indiana University's international resources. For further information, contact the Global Village, (812) 855-4552; [village@indiana.edu](mailto:village@indiana.edu); [www.indiana.edu/~college/global/](http://www.indiana.edu/~college/global/).

## Café Hispano and Cafezinho

The department sponsors weekly, informal group conversation sessions, one in Spanish and one in Portuguese: the Café Hispano and the Cafezinho. Inquiries may be made directly to the Department of Spanish and Portuguese, Ballantine Hall 844, (812) 855-8612.

## Native Speakers

Native speakers of Spanish or Portuguese should consult the department for testing, course placement options,

special credit eligibility, and restrictions on course work in the major and minor.

## Overseas Study

Students studying in Spanish or Portuguese, regardless of their major, are strongly encouraged to study abroad. Indiana University sponsors many programs in the Hispanic world:

### Academic year

- Spain (Madrid)
- Argentina (Buenos Aires)
- Peru (Lima)
- Chile (Santiago, Valparaiso)
- Brazil (São Paulo, Bahia)

### Semester

- Spain (Alicante, Barcelona, Madrid, Salamanca, Seville)
- Chile (Santiago, Valparaiso)
- Peru (Lima)
- Brazil (São Paulo, São Paulo [BUS], Bahia)
- Mexico (Monterrey [BUS])
- Argentina (Buenos Aires)
- Dominican Republic (Santiago)
- Costa Rica (Monteverde) and Ecuador (Quito)

### Summer

- Spain (Alcala, Salamanca, Barcelona Internship, Seville [BUS])
- Mexico (Guanajuato, Cuernavaca, Oaxaca)
- Dominican Republic (Jarabacoa)

For information about and prerequisites for these and other study abroad opportunities, contact the Information Center at the Office of Overseas Study, Franklin Hall 303, (812) 855-9304, or visit <http://www.indiana.edu/~overseas>.

## Course Descriptions

### Spanish

**HISP-S 100 Elementary Spanish I (4 cr.)** A four-skills approach to Spanish with an emphasis on critical thinking skills. Enrollment in S100 is restricted to those with less than two years of high school Spanish or with consent of department. All others must enroll in S105. Credit not given for S100 and S105.

**HISP-S 105 First-Year Spanish (4 cr.)** For students with two or more years of high school study. The course content begins where S100 begins, and ends where S150 ends. Credit not given for S105 and S100 or S150. Next course sequence is S200.

**HISP-S 150 Elementary Spanish II (4 cr.)** This course continues the work of S100. Continued emphasis on all four skills and on critical thinking skills. Grading is based on exams and oral tests, written exercises, compositions, and a cumulative final exam. Students can expect to practice speaking in small groups in class, and read about and discuss materials in Spanish. Credit given for only one of S150 and S105.

**HISP-S 200 Second-Year Spanish I (3 cr.)** P: S150 or S135 or S105 or equivalent. This course reviews some of the basic structures studied in the first year and

examines them in more detail. Emphasis remains on the four skills and on critical thinking skills. Readings are both journalistic and literary. Grades are based on exams, oral tests, homework, compositions, and a cumulative final exam. Homework load is substantial.

**HISP-S 220 Chicano and Puerto Rican Literature (3 cr.) A & H, CSA** The bicultural reality of the Hispanic people in the U.S. as seen in their literature. Taught in English.

**HISP-S 250 Second-Year Spanish II (3 cr.)** P: S200 or equivalent. This course continues the work of S200. Continued emphasis on all four skills and on critical thinking skills. Grades are based on exams, oral tests, homework, compositions, and a cumulative final exam. Homework is substantial. After successful completion of this course, the foreign language requirement is fulfilled for schools that require a four-semester sequence.

**HISP-S 251 Service Learning in Spanish (1 cr.)** P: S200 or equivalent. C: S250. Allows S250 students to apply skills from their classroom language-learning experience to community projects such as teaching basic Spanish and presenting cultural activities to elementary school children.

**HISP-S 260 Introduction to Hispanic Film (3 cr.) A & H, CSA** Hispanic culture in film. Cinematic techniques used to portray Hispanic culture. Taught in English.

**HISP-S 265 Topics in Hispanic Literature in Translation (3 cr.) A & H, CSA** Study of works of Hispanic literature read in English translation. Taught in English. May be repeated with a different topic for a maximum of 6 credit hours.

**HISP-S 280 Spanish Grammar in Context (3 cr.)** P: S250 or equivalent. A topic-based approach to the formal aspects of Spanish grammar. Formal linguistic skills are developed through explicit grammar instruction, the reading of Hispanic texts, and the study of literature and culture through writing and conversation. Credit given for only one of S280 or S310.

**HISP-S 284 Women in Hispanic Culture (3 cr.) A & H, CSA** Images, roles, and themes involving women in Hispanic literature. Taught in English.

**HISP-S 290 Topics in Hispanic Culture (3 cr.)** Emphasis on one topic, author, or genre in Hispanic culture. May be repeated once for credit with different topic.

**HISP-S 308 Composition and Conversation in Spanish (3 cr.)** P: S280 or S310, or equivalent. C: S280 or S310, or equivalent. This content-based course seeks to improve students' oral and writing skills in Spanish while fostering critical thinking and cultural awareness. The written component includes an analysis of various writing styles: description, narration, exposition, and argumentation. The oral component includes discussions of cultural topics in the Spanish-speaking world. Credit given for only one of S308 or S312.

**HISP-S 315 Spanish in the Business World (3 cr.)** P: S280 or S310, or equivalent. Introduction to the technical language of the business world, with emphasis on problems of vocabulary, style, composition, and

translation in the context of Hispanic mores. Instruction in Spanish.

**HISP-S 317 Spanish Conversation and Diction (3 cr.)** P: S280 or S310, or equivalent. Meets five times a week. Intensive controlled conversation correlated with readings, reports, debates, and group discussions. May be repeated once for credit. S317 is not open to native speakers of Spanish. I Sem., II Sem.

**HISP-S 324 Introduction to the Study of Hispanic Cultures (3 cr.)** P: S280 or S310, or equivalent. **A & H, CSA** Through the examination of a variety of texts, this course explores Spanish, Latin American, and U.S. Latino culture from historical, social, artistic, and political perspectives. Credit given for only one of S324 or S275.

**HISP-S 326 Introduction to Hispanic Linguistics (3 cr.)** P: S280 or S310, or equivalent. **N & M** Introduces the basic concepts of Hispanic linguistics and establishes the background for the future application of linguistic principles. The course surveys linguistic properties in Spanish, including phonology, morphology, and syntax. Additional introductory material on historical linguistics, second language acquisition, semantics, and sociolinguistics will be included. I Sem., II Sem.

**HISP-S 328 Introduction to Hispanic Literature (3 cr.)** P: S280 or S310, or equivalent. **A & H, CSA** Develops skills needed for more advanced study of Hispanic literatures through the reading and analysis of texts in at least three literary genres. Credit given for only one of S328, S331, S332, or S333.

**HISP-S 334 Panoramas of Hispanic Literature (3 cr.)** P: S328, or equivalent. **A & H, CSA** A panoramic introduction to the study of Hispanic literature in its literary-historical development, through a variety of literary genres. Periods and geographical areas may vary. Credit given for only one of S334, S332, or S333.

**HISP-S 336 Introduction to Spanish Translation (3 cr.)** P: S280 or S310, or equivalent. An introduction to the practice and techniques of translation, both from Spanish to English as well as from English to Spanish. Translation practice will focus on a variety of textual modes, including literary works, legal documents, journalistic prose, and other materials.

**HISP-S 407 Survey of Spanish Literature I (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** A historical survey that covers major authors, genres, periods, and movements from the Spanish Middle Ages through the baroque period of the seventeenth century. Readings include prose works, poetry, and drama.

**HISP-S 408 Survey of Spanish Literature II (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** A historical survey of Spanish literature that covers the main current of Spain's literary history in the eighteenth, nineteenth, and twentieth centuries. Readings in prose, poetry, and drama by Larra, Perez Galdós, Unamuno, Lorca, and other representative writers.

**HISP-S 411 Spain: The Cultural Context (3 cr.)** P: One course from S324, S328, S331, S333, S334. **A & H,**

**CSB** A course to integrate historical, social, political, and cultural information about Spain. II Sem.

**HISP-S 412 Spanish America: The Cultural Context (3 cr.)** P: One course from S324, S328, S331, S333, S334. **A & H, CSA** A course that integrates historical, social, political, and cultural information about Spanish America. I Sem.

**HISP-S 413 Hispanic Culture in the United States (3 cr.)** P: One course from S324, S328, S331, S333, S334. **A & H, CSA** Integrates historical, racial, political, and cultural information about Hispanics in the United States.

**HISP-S 417 Hispanic Poetry (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Study of major aspects, movements, or directions of Hispanic poetry from the Middle Ages to the present.

**HISP-S 418 Hispanic Drama (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Forms, traditions, themes, and periods of Hispanic drama from the Renaissance to the present.

**HISP-S 419 Modern Spanish Prose Fiction (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Spanish prose fiction from mid-nineteenth-century realism through post-Spanish Civil War narrative innovations.

**HISP-S 420 Modern Spanish-American Prose Fiction (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Spanish-American prose fiction from late nineteenth-century modernism to the present.

**HISP-S 422 Hispanic Cinema (3 cr.)** P: One course from S328, S331, S332, S333; and one course from S308, S312, S315, S317. **A & H** Analysis and interpretation of Hispanic films, with an emphasis on the study of their formal aspects. National/regional context varies.

**HISP-S 423 The Craft of Translation (3 cr.)** P: S308 or S312, and S328 or S332. A practical approach to the problems and techniques of Spanish/English and English/Spanish translation, using a variety of texts and concentrating on such critical areas of stylistics as tone, rhythm, imagery, nuance, allusion, etc. Language and translation theory will also be studied.

**HISP-S 425 Spanish Phonetics (3 cr.)** P: S326 or equivalent. **N & M** Intensive patterned pronunciation drills and exercises in sound discrimination and transcription, based on detailed articulatory description of standard Spanish of Spain and Latin America. Attendance in language laboratory required. Usually offered I Sem. and II Sem.

**HISP-S 427 The Structure of Spanish (3 cr.)** P: S326 or equivalent. **N & M** Analyzes the structure of simple and compound sentences in Spanish, focusing on the internal structure of the sentence and how certain phrases within the sentence combine in different word orders to produce specific meanings. Covers transitivity, word order,

negation, pronominal and verbal systems, and syntactic variation.

**HISP-S 429 Hispanic Sociolinguistics (3 cr.)** P: S326 or equivalent. **N & M** Examines current topics in Hispanic sociolinguistic/pragmatics. Topics include sociolinguistic and phonological and syntactic variation, field methods, discourse analysis, language and power, language ideology, language attitudes, languages in contact, language and gender, language and the law, bilingualism, linguistic politeness, and speech act theory.

**HISP-S 430 The Acquisition of Spanish (3 cr.)** P: S326 or equivalent. **N & M** Examines current topics in the acquisition of Spanish. Provides an introduction to research on the first and/or second language acquisition of Spanish and to the pedagogical applications of these findings. Students develop a background in these fields and have opportunities to link theory and practice.

**HISP-S 435 Literatura Chicana y Puertorriqueña (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Works in Spanish by representative Chicano and Puerto Rican authors of the United States. Cultural values and traditions reflected in both the oral and written literatures.

**HISP-S 450 Don Quixote (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Detailed analysis of Cervantes' novel. Life and times of the author. Importance of the work to the development of the novel as an art form.

**HISP-S 470 Women and Hispanic Literature (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Hispanic woman within her cultural context through literary texts. Topics such as women authors, characters, themes, and feminist criticism.

**HISP-S 471 Spanish American Literature I (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Introduction to Spanish American literature.

**HISP-S 472 Spanish American Literature II (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Introduction to Spanish American literature.

**HISP-S 473 Hispanic Literature and Literary Theory (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Studies literature as an art form within the Hispanic tradition. Employs critical methodology and textual interpretation and analysis to exemplify theory of each genre.

**HISP-S 474 Hispanic Literature and Society (3 cr.)** P: course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Writers and their works in social, political, economic, and cultural context. Specific topic to be announced in the online *Schedule of Classes*.

**HISP–S 479 Mexican Literature (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Mexican literature from independence to the present.

**HISP–S 480 Argentine Literature (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Argentine literature from independence to the present.

**HISP–S 481 Hispanic American National/Regional Literatures (3 cr.)** P: One course from S328, S331, S332, S333; one course from S275, S324, S326; and one course from S308, S312, S315, S317. **A & H** Study of national and/or regional literatures of Hispanic America.

**HISP–S 494 Individual Readings in Hispanic Studies (1-3 cr.)** P: Consent of department. This course cannot be used for the Spanish 300/400 level requirement for the major or minor. I Sem., II Sem., SS.

**HISP–S 495 Hispanic Colloquium (1-3 cr.)** P: consent of department. Topic and credit vary. May be taken twice for credit as long as topic is different. I Sem., II Sem., I, II SS.

**HISP–S 498 Honors Seminar (3 cr.)** P: Approval of departmental honors advisor. Topics will vary. The course may be repeated once with a different topic for a maximum of 6 credit hours. Permission to take the course must be obtained from the departmental honors advisor.

**HISP–S 499 Honors Research in Spanish (1-3 cr.)** P: Approval of the honors advisor. I Sem., II Sem.

### Portuguese

**HISP–P 100 Elementary Portuguese I (4 cr.)** Introduction to present-day Portuguese, with drills for mastery of phonology, basic structural patterns, and functional vocabulary. Attendance in language laboratory may be required.

**HISP–P 150 Elementary Portuguese II (4 cr.)** Introduction to present-day Portuguese, with drills for mastery of phonology, basic structural patterns, and functional vocabulary. Attendance in language laboratory may be required.

**HISP–P 115 Portuguese for Business (2 cr.)** Designed to provide the beginning Portuguese student with a foundation in both the Portuguese language and the Brazilian culture in the business context. The course alternates between the teaching of the language and the culture of business in Brazil, and students develop some foundational skills in three main areas: language and communications, business culture, and Portuguese grammar.

**HISP–P 135 Intensive Portuguese (4 cr.)** For students from secondary school placed into the second semester of first-year study or those with prior knowledge of another Romance language. Content of P100 and P150 reviewed at an accelerated pace. May be used in elective area of the Spanish major. Credit given for only one of P135 or P150.

**HISP–P 200 Second-Year Portuguese I (3 cr.)** P: P150 or equivalent. Continuation of P100, with increased emphasis on communicative exercises and selected

readings. Attendance in the language laboratory may be required.

**HISP–P 250 Second-Year Portuguese II (3 cr.)** P: P150 or equivalent. Continuation of P150, with increased emphasis on communicative exercises and selected readings. Attendance in the language laboratory may be required.

**HISP–P 290 Topics in Luso-Brazilian Culture (3 cr.)** Emphasis on one topic, author, or genre in Luso-Brazilian culture. May be repeated once for credit with different topic. No knowledge of Portuguese required.

**HISP–P 311 Advanced Grammar and Composition in Portuguese (3 cr.)** P: P200–P250 or equivalent. An advanced course on basic grammar skills and composition. Emphasis on syntax, vocabulary usage, and writing.

**HISP–P 317 Reading and Conversation in Portuguese (3 cr.)** P: P200–P250 or equivalent. Emphasis on conversational and reading skills using plays, short stories, poetry, and novels from Brazil, Portugal, and Lusophone Africa. Students will also be introduced to the basics of literary appreciation.

**HISP–P 400 Literatures of the Portuguese-Speaking World I (3 cr.)** **A & H, CSA** A general overview of the literature in Portuguese. The course emphasizes the unity and diversity of the literature in the major Portuguese-speaking areas of the world: Brazil, Portugal, and Lusophone Africa. Starting with the parallel development of one literature (Portuguese) in distinct geographical areas (the Portuguese colonies), it shows the changes that take place when new nations are created in these areas, and new national literatures become a reality. The course combines lecture and discussion, and is conducted in Portuguese.

**HISP–P 401 Literatures of the Portuguese-Speaking World II (3 cr.)** **A & H, CSA** A survey of the literatures from Brazil, Portugal, and Lusophone Africa. Lectures and discussions of selected works by representative authors of the major literary periods.

**HISP–P 405 Literature and Film in Portuguese (3 cr.)** **A & H, CSA** Survey of literary works and film adaptations from the Lusophone world.

**HISP–P 410 Brazilian Cinema (3 cr.)** **A & H, CSA** A survey of Brazilian cinema from the beginning of the twentieth century to present day. Taught in English.

**HISP–P 412 Brazil: The Cultural Context (3 cr.)** **A & H, CSA** Integrates historical, social, and cultural information about Brazil. Taught in English.

**HISP–P 415 Women Writing in Portuguese (3 cr.)** **A & H** A survey of women's writing from different Portuguese-speaking nations.

**HISP–P 420 Literatures of the Portuguese-Speaking World in Translation (3 cr.)** **A & H** Readings of Brazilian, Portuguese and Lusophone African writers from a comparative perspective. Specific topics may vary in any given semester. Taught in English. Cannot count toward Portuguese major or minor. May be repeated with a different topic for a maximum of 6 credit hours.

**HISP–P 425 Structure of Portuguese Language (3 cr.)**

P: P250 or equivalent. Introduction to the linguistic study of various aspects of the structure of the Portuguese language: phonetics, phonology, morphology, semantics, syntax, dialects, historical grammar; and application of linguistics to literature.

**HISP–P 470 Poetry in Portuguese (3 cr.) A & H, CSA**

Historical survey of poetry in Portuguese. Emphasis on major authors from Brazil, Portugal, and Lusophone Africa.

**HISP–P 475 Theatre in Portuguese (3 cr.) A & H, CSA**

A survey of theatre in the Portuguese language from the sixteenth century to the late twentieth century. Particular attention will be given to the social and historical context in which works were produced.

**HISP–P 476 Prose in Portuguese (3 cr.) A & H** Survey of prose writers and works from the middle ages to the present.

**HISP–P 494 Individual Readings in Luso-Brazilian Literature (1-3 cr.)** P: Consent of the department. May be repeated with a different topic for a maximum of 6 credit hours.

**HISP–P 495 Luso-Brazilian Colloquium (1-3 cr.)**

P: Consent of the department. Topic and credit vary. This course may be repeated with different topics for a maximum of 12 credit hours.

**HISP–P 498 Portuguese Honors Seminar (3 cr.)**

P: Approval of the director of Portuguese Studies. Topics will vary. May be repeated once with a different topic for a maximum of 6 credit hours.

**HISP–P 499 Honors Research in Portuguese (1-3 cr.)**

P: Approval of the director of Portuguese Studies. I Sem., II Sem.

**Catalan****HISP–C 400 Catalan Language and Culture I (3 cr.) R:**

Knowledge of another Romance language. Introduction to the study of Catalan language and of the particular situation of Catalonia as a culture within present-day Spain. May be used in elective area of the Spanish major. Does not count toward the major in Portuguese.

**HISP–C 450 Catalan Literature (3 cr.)** P: C400 or consent of instructor. **A & H** Survey of Catalan literature from the Middle Ages to the present. Significant works in all genres will be studied within their historical and cultural context. Issues of nation-formation, hegemony, biculturalism, and marginalizations will be paid special attention.

**HISP–C 494 Individual Readings in Catalan Studies (1-3 cr.)** P: Consent of department. May be repeated once with a different topic for a maximum of 6 credit hours. I Sem., II Sem.

# Speech and Hearing Sciences

**Introduction**

An undergraduate curriculum may be selected to provide a strong preparation for continued study at the graduate level in speech and hearing sciences. Students not intending to pursue graduate study for careers in speech-language pathology or audiology may elect our general B.A. degree or one of our interdisciplinary majors, in preparation for graduate studies in other fields or for a range of other career choices. The Department of Speech and Hearings Sciences (SPHS) offers both B.A. and B.S. degree programs; students should consult the undergraduate advisor and evaluate each degree carefully. The department is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

**Contact Information**

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[rappelma@indiana.edu](mailto:rappelma@indiana.edu)

<http://www.indiana.edu/~sphs>

**Faculty****Chairperson**

- Professor Karen Forrest

**Professors**

- Phil Connell
- Judith Gierut
- Larry Humes
- Laura Murray

**Emeriti Professors**

- Jean Anderson
- Moya Andrews
- Mary Elbert
- Aubrey Epstein
- Nicholas Hipskind
- Diane Kewley-Port
- Kennon Shank
- Charles Watson

**Adjunct Professors**

- Erna Alant (School of Education)
- Eric Blom (SLP, Private Practice)
- Daniel A. Dinnsen (Linguistics)
- Steven Franks (Linguistics)
- James Miller (Emeritus, C.I.D.)
- David Pisoni (Psychological and Brain Sciences)
- Hiroya Yamaguchi (ENT, Private Practice)

**Emeritus Clinical Professor**

- E. Gene Ritter

**Associate Professors**

- Julie Anderson
- Raquel Anderson

- Lisa Gershkoff
- Jennifer Lentz
- William Shofner
- Robert Withnell

#### Adjunct Assistant Professor

- Mary Gospel

#### Clinical Professor

- Elizabeth McCrea

#### Clinical Associate Professors

- Nathan Amos
- Nancy Barlow
- Amy Cornwell
- Ann Densmore
- Rebecca Eberle
- Laura Karcher

#### Emeriti Clinical Associate Professors

- Pat Cromer-Grossman
- Audrey Heller

#### Adjunct Clinical Associate Professors

- Anna M. Dusick (Pediatrics)
- Betty U. Watson (Psychology, Private Practice)

#### Associate Scientists

- Gary Kidd
- Michelle Morrisette

#### Assistant Professors

- Tessa Bent
- Theresa Burnett
- Rachel Frush Holt
- Jacob Kean

#### Clinical Assistant Professors

- Annette Champion
- Lindsay Fletcher
- Carolyn Garner
- Lisa Goerner
- Melanie Mazur
- Joseph Murray
- Julia Rademacher

#### Adjunct Clinical Assistant Professors

- Jesse Phillips (ENT, Private Practice)
- Lance Trexler (Neuropsychology, Indianapolis Community Hospital)

#### Lecturer

- Gary M. Jackson

#### Clinical Lecturers

- Angela Banks-Stewart
- Wayne Mnich
- Dana Kinney

#### Academic Advising

- Becky Appelman, Speech and Hearing Center C138, (812) 855-4864

## General Speech and Hearing Major—B.A.

This major is for students who are seeking a broad liberal arts and sciences education that centers on the processes of communication and its disorders, and not necessarily to pursue a clinical career in the field.

#### Required Courses

Students must complete the degree requirements of the College of Arts and Sciences and the following:

1. SPHS-S 110 or S115.
2. SPHS-S 111 and S275.
3. SPHS-S 333.
4. 15 additional credit hours from the following Speech and Hearing Sciences courses: A250, S201, S302, S307, S319, S375, S420, S430, S436, S444, S445, S461, S473, S478.

## Major with a Concentration in Audiology and Hearing—B.A.

#### Required Courses

Students must complete the degree requirements of the College of Arts and Sciences and the following:

1. SPHS-S 110 or S115.
2. SPHS-S 111, S275, S333.
3. SPHS S302 or S319.
4. LING-L 103 or L303.
5. PSY-P 101-P102 or P151-P152 or P106, or P155.
6. PSY-K 300.
7. SPHS-S 375, S475, and S478.
8. One course chosen from the following: SPHS-S 307, S420, S436, S444, S445, S473.
9. A minimum of 13 credit hours of courses taken to satisfy requirements 6 and 7.

## Major with a Concentration in Speech-Language Pathology—B.A.

#### Required Courses

Students must complete the degree requirements of the College of Arts and Sciences and the following:

1. SPHS-S 110 or S115.
2. SPHS-S 111, S275, S333.
3. LING-L 103 or L303.
4. PSY-P 101-P102 or P151-P152 or P106, or P155.
5. PSY-K 300.
6. SPHS-S 201.
7. One of the following course sequences to fulfill course work in the area of acoustics:
  - S302 and PHYS P105 or
  - S319 and PHYS P105.
8. SPHS S375 or S478.
9. Two courses from the following: SPHS S311, S430, S461, S473.

10. Two courses from the following: SPHS S307, S420, S436, S444, S445.

A minimum of 14 credit hours of course work must be taken to satisfy requirements 8, 9, and 10.

## Major in Speech and Hearing Sciences—B.S.

### Purpose

The B.S. program in speech and hearing sciences is designed to provide a more scientific and mathematical background in the field. Two concentrations are described below which have the same core requirements, but different major concentration requirements. The decision of which concentration to pursue should be made in consultation with the undergraduate advisor based on a student's individual interests and goals.

### Required Courses

Students must complete the degree requirements of the College of Arts and Sciences and the following:

The following requirements apply to both concentrations (audiology and hearing science; speech and language sciences):

1. Writing, same as B.A.
2. Mathematical foundation, two courses:
  - One course from MATH-A 118, M118, S118, or D116-D117 sequence.
  - One course from SPHS-S 319, M119, M120, M211, M212, or any "M" course at the 200-level or higher.
3. Foreign language, 3 credit hours (or the equivalent) at or above the second-year level.
4. Arts and humanities, two courses.
5. Social and historical studies, two courses, including PSY-P 102 (or P152).
6. Natural and mathematical sciences (32 credits):
  - Physics P105
  - PSY-P 101 (or P151 or P155), K300, P329, P335 (or COGS-Q 301)
  - 3 credits in biology or ANAT-A 215 or PHSL-P 215
  - 3 credits in physics or chemistry
  - 12 additional credits from other natural and mathematical science courses not in the Department of Speech and Hearing Sciences, excluding the following: MATH-A 118, M118, S118, M119, and M120
7. Speech and Hearing Sciences courses: S110, S111, S275, S302, S333, and S436.

### Concentration in Audiology and Hearing Science

The concentration in audiology and hearing science should be selected by students considering graduate studies in audiology, employment as an audiologist in medical facilities, or possible careers in hearing research. The following courses are required for this concentration: Speech and Hearing Sciences S375, S475, and S478.

### Concentration in Speech and Language Sciences

Those planning careers or graduate study in speech-language pathology, both clinical and research tracks, should select the concentration in speech and language

sciences. The following are the major concentration requirements:

1. LING-L 103 or L303.
2. SPHS-S 201, S307, S420, S444, and one of the following: S311, S430, S445, S461, S473.

## Interdepartmental Major in Speech and Hearing Sciences and Linguistics (Focus on Speech Technology)

### Required Courses

Students must complete a minimum of 40 credit hours in the major. Students must also complete the degree requirements for the B.A. in the College of Arts and Sciences.

### Speech and Hearing Sciences

1. SPHS-S 110 Survey of Communication Disorders (3 cr.).
2. SPHS-S 319 Mathematical Foundation for Speech and Hearing Sciences (3 cr.).
3. SPHS-S 302 Acoustics for Speech and Hearing Sciences (3 cr.) **or** LING-L 306 (see below).
4. At least 6 additional credit hours in SPHS at the 300 level or above.

### Linguistics

1. LING-L 303 Introduction to Linguistic Analysis (3 cr.).
2. LING-L 445 The Computer and Natural Language (3 cr.).
3. LING-L 306 Phonetics (3 cr.) **or** Speech and Hearing Sciences S302 (see above).
4. At least 6 additional credit hours in Linguistics at the 300 level or above.

### Other Requirements

1. Computer Science C211 Introduction to Computer Science (4 cr.).
2. At least one of the following courses (or an approved substitute):
  - PSY-P 325 Psychology of Learning (3 cr.)
  - PSY-P 329 Sensation and Perception (3 cr.)
  - PSY-P 335 Cognitive Psychology (3 cr.)
  - CSCI-C 212 Introduction to Software Systems (4 cr.).
  - CSCI-C 241 Discrete Structures for Computer Science (3 cr.)
  - COGS-Q 240 Philosophical Foundations of the Cognitive and Information Sciences (4 cr.)
  - COGS-Q 270 Experiments and Models in Cognition (4 cr.)
  - COGS-Q 260 Programming for the Cognitive and Information Sciences (2 cr.) and Q320 Computation in the Cognitive and Information Sciences (2 cr.)
  - COGS-Q 351 Introduction to Artificial Intelligence and Computer Simulation (3 cr.)
3. Additional courses taken from this list or from Speech and Hearing Sciences at the 300 level or above or from



the Department of Linguistics at the 300 level or above to reach the minimum required total of 40 credit hours.

## Interdepartmental Major in Speech and Hearing Sciences and Psychology

### Required Courses

Students must take a minimum of 40 credit hours. At least 12 credit hours must be completed at or above the 300 level in psychology, and at least 12 credit hours must be completed at or above the 300 level in speech and hearing sciences.

Students must also complete the degree requirements for the B.A. in the College of Arts and Sciences.

### Speech and Hearing Sciences

1. S111
2. S275, S319, S333
3. S201 or S375
4. At least three courses from S307, S420, S436, S444, S445, S475, S478

### Psychology

1. One of the following entry-level sequences:
  - P155 (3 cr.), P199 (1 cr.), and P211 (3 cr.) **or**
  - P151 (3 cr.), P152 (3 cr.), P199 (1 cr.), and P211 (3 cr.) **or**
  - P106 (4 cr.) and P199 (1 cr.) **or**
  - P101 (3 cr.), P102 (3 cr.), P199 (1 cr.), and P211 (3 cr.)

(Note: P299 may be substituted for P199 in any of the sequences above.)
2. PSY K300 or K310 or a substitute approved by the undergraduate advisor.
3. Three credit hours from P303, P325, P326, P327, P329, P330, P335, P337, P340, P346, P349, P350, P357 (depending on topic), P402 (depending on topic), P405, P407, P410, P411, P413, P416, P417, P423, P438, P444, P459.
4. Three credit hours from P304, P315, P316, P319, P320, P323, P324, P336, P357 (depending on topic), P375, P402 (depending on topic), P425, P430, P434, P442, P446, P447, P448.
5. Advanced laboratory: one from P421, P424, P426, P429, P435, P436, P493-P494, P495, or P499. (Another 400-level course may be substituted for this requirement by permission of the undergraduate advisor.)
6. One additional course in psychology numbered 300 or above.
7. At least three of the required 300-level psychology courses must be designated as "major section only."

### Other Requirements

The following courses must be completed with a minimum grade of C–:

1. Mathematics M118, M119, or M120, or a 200-level mathematics course.
2. A one-semester course in biology.

3. Linguistics L103 or L303.

## Graduate Study

Students completing the B.A. or B.S. degree in speech and hearing sciences may wish to continue their studies at the graduate level in a program leading to the master's degree in speech-language pathology or the clinical doctoral degree in audiology. It is recommended that students seeking preparation for graduate study in speech-language pathology include in their curriculum S201, S420, S436, S444, S461, S473, and S478. Students seeking preparation for graduate study in audiology are recommended to select their curriculum to include these courses: S375, S436, S475, S478; and either S420, S444, or S445. In addition, students planning to work in a school system following graduate study may elect to take EDUC-M 463 Public School Methods in preparation for school certification. Selection of these courses will minimize the time required to earn an M.A. degree at Indiana University and in other similarly structured graduate programs. It is also recommended that students take at least one course outside of the department in the following areas: biological sciences and physical sciences.

## Minor in Speech and Hearing Sciences

### Required Courses

Undergraduates wishing to minor in speech and hearing sciences with a general focus must take a minimum of 15 College of Arts and Sciences credit hours to include S110 (or S115), S275, S433, and two of the following courses: A250, S302, S319, S430, S444, or S478. At least 6 credit hours of courses at the 300–400 level are required.

## Minor in Speech and Hearing Sciences (Pre-Professional)

### Required Courses

Undergraduates wishing to minor in speech and hearing sciences with a preprofessional focus must take a minimum of 15 College of Arts and Sciences credit hours to include S111; S275; S433 or S333; S201 or S371; and one of the following courses: S302, S307, S319, S378, S420, S430, S436, S444, S474, S478. At least 6 credit hours of courses at the 300–400 level are required.

## Indiana Teacher Certification

Requirements for an Indiana teaching certificate for speech, language, or hearing clinician; educational audiologist; or supervisor of speech, hearing, and language programs include a master's degree in speech and hearing sciences and related education courses. Students should consult a departmental advisor.

## Departmental Honors Program

The honors program permits outstanding students to pursue important issues in depth, to undertake research projects through independent study, and to enroll in special courses and seminars. Further information may be obtained from the departmental honors advisor.

## Course Descriptions

### SPHS–A 100 American Sign Language I (4 cr.)

Introductory sign language for students with no previous experience. Builds a good basic vocabulary of signs,

teaches finger spelling, introduces basic aspects of the grammar and the proper use of facial expression in sign language conversation. Students are also exposed to Deaf culture. This course will not count as part of the 42 credit hours taken in the department by speech and hearing sciences majors.

**SPHS–A 150 American Sign Language II (4 cr.)** P: A100 or consent of instructor. Continues building receptive and expressive abilities. Puts emphasis on the use of signing space, facial grammar, body postures, fluent finger spelling, and continued vocabulary development. More complex grammatical structures are introduced. Deaf culture component included. This course will not count as part of the 42 credit hours taken in the department by speech and hearing sciences majors.

**SPHS–A 200 American Sign Language III (3 cr.)** P: A150 or consent of instructor. Emphasizes the development of conversational ability. Examines more complex grammatical structures, with emphasis on ability to use these structures in conversation. Readings, videos, and discussion cover characteristics of the Deaf population and their cultural values. This course will not count as part of the 42 credit hours taken in the department by speech and hearing sciences majors.

**SPHS–A 250 American Sign Language IV (3 cr.)** P: A200 or consent of instructor. Continues to develop knowledge of American Sign Language and of Deaf culture. Students will experience the language outside the classroom through interaction with the Deaf community. Credit given for only one of A250 or A300.

**SPHS–S 110 Survey of Communication Disorders (3 cr.)** S & H Introduction to behavioral and social aspects of communication disorders. Includes a broad overview of human communication, with emphasis on development, adult functions, and cultural differences, in addition to disorders. Also examines general approaches to rehabilitation of the communicatively handicapped and current controversies.

**SPHS–S 111 Introduction to Phonetics for Speech and Hearing Sciences (3 cr.)** N & M Scientific study of speech production, based on the International Phonetic Alphabet. Exercises in transcription.

**SPHS–S 115 Honors Seminar (1-3 cr.)** N & M An undergraduate seminar targeting Hutton Honors College freshmen and sophomores. Topics covered vary from year to year, but the format consistently allows for in-depth exploration of puzzles, mysteries, and controversies in speech and hearing sciences. May be repeated twice with different topics for a maximum of 6 credit hours.

**SPHS–S 201 Speech and Hearing Physiology (3 cr.)** N & M Introduction to the anatomy and physiology of the speech mechanism, including respiration, phonation, articulation/resonance, nervous system, and audition.

**SPHS–S 275 Human Hearing and Communication (3 cr.)** R: S111. Examines human hearing and communication, including the physics of sound, auditory anatomy and physiology, and auditory perception; diagnostic audiology, including hearing assessment and screening; rehabilitative audiology, including an overview of hearing aids, cochlear implants, and educational issues for children with hearing loss.

**SPHS–S 290 Spoken Language Computer Interfaces (3 cr.)** P: MATH M025 or above. R: CSCI A110 or INFO I101 or equivalent. N & M The goal is to develop knowledge and competence in manipulating speech and language in computers. Basic principles and applications of voice input and output interfaces are taught. Topics include speech processing, synthesis and recognition, spoken-language interfaces, language translation, and Internet voice applications. Assignments are primarily laboratories and projects.

**SPHS–S 302 Acoustics for Speech and Hearing Sciences (3 cr.)** P: MATH A118, M118, S118, M119, M120, or any 200-level mathematics course. N&M Basic acoustics with the emphasis being on topics applicable to the speech and hearing sciences. Acoustics of the speech and hearing mechanisms. Instrumentation for sound production and recording.

**SPHS–S 307 Cognitive and Communicative Aspects of Aging (3 cr.)** R: SPHS S201 or ANAT A215 or equivalent. N&M Review of cognitive and communicative changes associated with normal aging as well as with diseases and conditions that are prevalent in the aging population. Includes discussion of methodological issues in research on aging as well as principles for maximizing communication with the elderly population.

**SPHS–S 311 Introduction to Research in Speech, Language, and Hearing Sciences (3 cr.)** R: K300. Introduction to research methodology in the field, both basic and applied. Focuses on basic designs, analyses, and how research informs clinical practice. Course includes discussion of ethics, evaluation of research, and scientific writing.

**SPHS–S 319 Mathematical Foundation for Speech and Hearing Sciences (3 cr.)** P: MATH A118, M118, S118, M119, M120, or any 200-level mathematics course. N & M This course will provide the mathematical background for core courses in speech and hearing sciences. The material covered includes analysis and generation of periodic and aperiodic acoustic signals and decision theory. Course work will focus on interactive, project-oriented modules.

**SPHS–S 333 Childhood Language (3 cr.)** R: LING L103 or L303. N & M Develops student knowledge of how language is acquired by young children. Examines data on what young infants and young children know about language at different ages, and considers the kinds of theories that may explain this data.

**SPHS–S 370 Clinical Issues in Audiology (1 cr.)** P: Consent of instructor. Introduction to clinical practice in audiology. Emphasis on familiarization with clinic equipment and protocol as well as clinical application of concepts learned in other audiology courses. A limited number of students may also qualify for supervised experiences in the clinic. May be repeated for a maximum of 6 credit hours.

**SPHS–S 371 Auditory Anatomy and Physiology (3 cr.)** Structure and function of the normal and hearing-impaired ear.

**SPHS–S 373 Laboratory in Amplification (1 cr.)** C: S376. Laboratory exercises in hearing aid selection, fitting and evaluation, earmold acoustics, hearing aid

instruction and repair, and electroacoustic evaluation of instruments. To be taken concurrently with S376.

**SPHS-S 375 Hearing Science (3 cr.)** Provides an in-depth study of hearing in the normal auditory system. Topics include anatomy and physiology of the ear, anatomy and physiology of the auditory brain, and auditory perception and psychophysics.

**SPHS-S 376 Amplification for the Hearing Impaired (3 cr.)** C: S373. Types and components of electroacoustic hearing aids, earmold acoustics, and procedures for the selection, evaluation, and fitting of hearing aids.

**SPHS-S 378 Introduction to Psychoacoustics (3 cr.)** Perception of sound by normal and hearing-impaired listeners. Topics covered include masking, pitch, loudness, sound localization, and other auditory phenomena.

**SPHS-S 399 Reading and Research for Honors (1 cr.)** P: Junior standing and approval of departmental honors committee.

**SPHS-S 415 Seminar in Speech and Hearing Sciences (1-6 cr.)** P: Minimum cumulative grade point average of 3.000. Readings, experiments, and reports in area of student's special interest. May be repeated with a different topic for a maximum of 6 credit hours.

**SPHS-S 420 Phonological Acquisition and Disorders in Children (3 cr.)** P: S111 or LING L103 or L303 Survey of acquisition and development of sound systems, with focus on perception and production. Relationship between normal sound development and phonological disorders. Procedures for assessing and treating phonological disorders.

**SPHS-S 430 Diversity in Speaking and Acting (3 cr.) S & H, CSA** Issues pertaining to cultural and linguistic diversity with emphasis on professional and clinical communication. Linguistic variation, including vernacular dialects and bilingualism, cultural variation, cross-cultural communication and the relationship between language and culture will be covered.

**SPHS-S 436 Language Disorders in Children (3 cr.)** P: S333 or S433. Theory and method in language assessment and intervention. Coverage of principles of language intervention based on psycholinguistic theory and research with language disordered children, design and execution of language intervention experiences; current alternative approaches to language intervention.

**SPHS-S 444 Voice Physiology Across the Lifespan (3 cr.)** P: S201. R: S111. **N & M** Covers anatomical, biomechanical, and behavioral aspects of voice physiology and explores changes in the voice that occur from birth through adulthood. Discussion of normal voice function is augmented with descriptions of common causes of dysphonia, as well as lessons on how to maintain a healthy vocal system.

**SPHS-S 445 Introduction to Fluency Disorders (3 cr.)** Focuses on developmental stuttering, as well as cluttering, neurogenic stuttering, and psychogenic stuttering. Emphasis on the identification, behavior characteristics, and etiology of developmental stuttering, along with an overview of common diagnostic/treatment approaches for stuttering across the lifespan.

**SPHS-S 461 Introduction to Supervised Clinical Practice (2 cr.)** P: S333 or S433. Introduction to the clinical process, with emphasis on behavioral observation and description, goal planning, analysis of clinical interactions, and the generation and use of clinical data to solve clinical problems. Development of a conceptual framework for active participation in the supervisory process. Limited clinical participation.

**SPHS-S 462 Seminar/Practicum (1-3 cr.)** P: S461. Beginning practicum experience in speech and language pathology, with seminar. May be repeated once for credit for a maximum of 6 credit hours.

**SPHS-S 473 Speech and Language Diagnostics (3 cr.)** Theoretical bases of speech/language assessment, including concepts of testing and measurement, formal and informal evaluation techniques, and normative and non-normative approaches. Required accompanying laboratory provides observation and experience with specific assessment procedures.

**SPHS-S 474 Introduction to Audiological Testing (4 cr.)** P: S275. Rationale and basic procedures in the evaluation of hearing loss. Laboratory exercises.

**SPHS-S 475 Principles of Audiology (3 cr.)** R: S275. Examines the field of audiology including assessment and treatment of hearing loss. Laboratory exercises are provided so that students can gain hands-on experience with hearing evaluation and treatment.

**SPHS-S 477 Auditory Disorders (3 cr.)** P: S275. Study of auditory pathology and the associated audiological test findings. Focus placed on etiology and the auditory and non-auditory manifestations of the disorders.

**SPHS-S 478 Rehabilitative Audiology (3 cr.)** P: S275. Basic orientation to audiologic rehabilitation for children and adults. Topics covered include speech acoustics, audiovisual speech perception, hearing aids, assistive listening devices, implantable auditory prostheses, cultural issues, and assessment and treatment options for children and adults with hearing loss.

**SPHS-S 480 Independent Study in Speech and Hearing Sciences (1-3 cr.)** P: Consent of instructor. Individual study under guidance of faculty member. May be repeated for a maximum of 6 credits.

**SPHS-S 499 Reading and Research for Honors (1 cr.)** P: Senior standing and approval of departmental honors committee. Course must be taken during the fall and spring of the academic year.

# Statistics

## Introduction

Statistics is the science of data. Data are numbers with a context; the particular context that gave rise to the numbers is important. In addition to a knowledge of mathematics, statisticians must learn about the scientific disciplines that generate data of interest to understand and explain the observational studies or the statistical experiments in question. For example, statisticians calculate probabilities for DNA paternity tests; design clinical trials to study the effectiveness of new medications; study economic time series data, such as gross domestic product from developing countries in Africa; and develop statistical models of responses from fMRI psychological experiments.

The field of statistics has a coherent body of theory, which students of the field master, as well as methodology designed for applied uses in many disciplines. The department teaches courses in both theoretical and applied statistics.

## Contact Information

Department of Statistics  
Indiana University  
309 N. Park Avenue  
Bloomington, IN 47408

(812) 855-STAT (7828)  
[deptstat@indiana.edu](mailto:deptstat@indiana.edu)

<http://www.stat.indiana.edu/>

## Faculty

### Chairperson

- Professor Stanley Wasserman

### Distinguished Professor and Chancellor's Professor of Sociology and Statistics

- J. Scott Long

### Rudy Professor of Statistics and Physics

- Karen Kafadar

### Rudy Professor of Statistics, Psychology, and Sociology

- Stanley Wasserman

### Professors

- Steen Andersson
- Michael Trosset

### Assistant Professors

- Chunfeng Huang
- Guilherme Rocha

### Adjunct Faculty

- Franklin Acito (Kelley School of Business)
- Katy Borner (School of Library and Information Sciences)
- Richard Bradley (Mathematics)
- Jerome Busemeyer (Psychological and Brain Sciences)
- Yoosoon Chang (Economics)
- Juan Carlos Escanciano (Economics)
- Victor Goodman (Mathematics)

- Andrew Hanson (School of Informatics and Computing)
- Elizabeth Housworth (Mathematics)
- David Jacho-Chavez (Economics)
- John Kruschke (Psychological and Brain Sciences)
- Yoon Jin Lee (Economics)
- Russell Lyons (Mathematics)
- Robert Nosofsky (Psychological and Brain Sciences)
- Joon Park (Economics)
- Joanne Peng (School of Education)
- Predrag Radivojac (School of Informatics and Computing)
- Christopher Raphael (School of Informatics and Computing)
- Scott Robeson (Geography)
- Richard Shiffrin (Psychological and Brain Sciences)
- James Townsend (Psychological and Brain Sciences)
- Pravin Trivedi (Economics)
- Alessandro Vespigniani (School of Informatics and Computing)

## Academic Advising

Statistics House 106, (812) 855-7828

## Major in Statistics—B.S.

### Purpose

The program leading to the B.S. in Statistics provides students with an education in the science of data and data analysis, including statistical theory, statistical computation, and practical applications. It teaches students to think critically about quantitative methodologies and prepares them for careers that involve analyzing data, including the possibility of graduate study in statistics.

### Required Courses

1. Writing: Students must fulfill the writing requirements for a B.A. in the College of Arts and Sciences.
2. Foreign language: 3 credit hours at or above the second-year level (or the equivalent proficiency).
3. Arts and Humanities: Three courses.
4. Social and Historical Studies: Three courses.
5. Natural Sciences: Three courses, excluding courses in quantitative methodology (e.g., in statistics, mathematics, or computer science). These courses must be completed with a grade of C— or higher.
6. Topics course: One course.
7. Concentration requirements: The following ten courses (or their equivalents, as approved by the director of undergraduate studies) must be completed with a grade of C— or higher in each course.
  - Basic Mathematics: M211, M212 or M213, M311 (Calculus I–III). The requirement of M211 and M212 can be waived for students who attain appropriate scores on advanced placement calculus tests.
  - Mathematics for Statistics: M301 Linear Algebra and Applications or M303 Linear Algebra for Undergraduates or S303 Honors Course in Linear Algebra, M463 Introduction to Probability Theory I.

- Statistics: S320 Introduction to Statistics, S420 Introduction to Statistical Theory, S431 and S432 Applied Linear Models I-II, S490 Statistical Consulting.

8. Concentration elective courses: At least 3 additional courses that concern the theory or practice of quantitative methodology. Ordinarily, these courses should be 400-level courses in or cross-listed with Statistics. Courses that are not cross-listed with Statistics must be approved by the director of undergraduate studies.

9. Computer proficiency: Reasonable proficiency in computer programming demonstrated by earning a grade of at least a C– in CSCI-A 201, MATH-M 371, or an appropriate substitute approved by the director of undergraduate studies.

Students must also complete the degree requirements of the College of Arts and Sciences.

## Course Descriptions

**STAT–S 100 Statistical Literacy (3 cr.)** P: MATH M014 or equivalent. **N & M** How to be an informed consumer of statistical analysis. Experiments and observational studies, summarizing and displaying data, relationships between variables, quantifying uncertainty, drawing statistical inferences. S100 cannot be taken for credit if credit has already been received for any statistics course (in any department) numbered 300 or higher. Credit given for only one of S100 or H100.

**STAT–H 100 Statistical Literacy, Honors (3 cr.)** P: MATH M014 or equivalent and permission of the Hutton Honors College. **N & M** How to be an informed consumer of statistical analysis. Experiments and observational studies, summarizing and displaying data, relationships between variables, quantifying uncertainty, drawing statistical inferences. H100 cannot be taken for credit if credit has already been received for any statistics course (in any department) numbered 300 or higher. Credit given for only one of H100 or S100.

**STAT–S 300 Introduction to Applied Statistical Methods (3 cr.)** P: MATH M014 or equivalent. **N & M** Introduction to methods for analyzing quantitative data. Graphical and numerical descriptions of data, probability models of data, inference about populations from random samples. Regression and analysis of variance. Lecture and laboratory. Credit given for only one of S300 or K310, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC S371, or SPEA K300.

**STAT–S 301 Applied Statistical Methods for Business (3 cr.)** P: Math M118 or equivalent. **N & M** Introduction to methods for analyzing data arising in business, designed to prepare business students for the Kelley School's Integrative Core. Graphical and numerical descriptions of data, probability models, fundamental principles of estimation and hypothesis testing, applications to linear regression and quality control. Microsoft Excel used to perform analyses. Credit given for only one of S301, K310 or S300, ANTH A306, CJUS K300, ECON E370 or S370, POLS Y395, MATH K300 or K310, PSY K300 or K310, SOC S371, or SPEA K300.

**STAT–K 310 Statistical Techniques (3 cr.)** P: MATH M119 or equivalent. **N & M** Introduction to probability and statistics. Elementary probability theory, conditional probability, independence, random variables, discrete and continuous probability distributions, measures of central tendency and dispersion. Concepts of statistical inference and decision: estimation, hypothesis testing, Bayesian inference, statistical decision theory. Special topics discussed may include regression and correlation, time series, analysis of variance, nonparametric methods. Credit given for only one of K310 or S300, ANTH A306, CJUS K300, ECON E370 or S370, MATH K300 or K310, POLS Y395, PSY K300 or K310, SOC S371, or SPEA K300.

**STAT–S 320 Introduction to Statistics (3 cr.)** P: MATH M212 or M301 or M303. **N & M** Basic concepts of data analysis and statistical inference, applied to 1-sample and 2-sample location problems, the analysis of variance, and linear regression. Probability models and statistical methods applied to practical situations using actual data sets from various disciplines. Credit given for only one of S320 or MATH M365.

**STAT–S 420 Introduction to Statistical Theory (3 cr.)** P: STAT S320 and MATH M463, or consent of instructor. Fundamental concepts and principles of data reduction and statistical inference, including the method of maximum likelihood, the method of least squares, and Bayesian inference. Theoretical justification of statistical procedures introduced in S320.

**STAT–S 425 Nonparametric Theory and Data Analysis (3 cr.)** P: S420 and S432, or consent of instructor. Survey of methods for statistical inference that do not rely on parametric probability models. Statistical functionals, bootstrapping, empirical likelihood. Nonparametric density and curve estimation. Rank and permutation tests.

**STAT–S 426 Bayesian Theory and Data Analysis (3 cr.)** P: S420 and S432 or consent of instructor. Introduction to the theory and practice of Bayesian inference. Prior and Posterior probability distributions. Data collection, model formulation, computation, model checking, sensitivity analysis.

**STAT–S 431 Applied Linear Models I (3 cr.)** P: STAT S320 and MATH M301 or M303 or S303, or consent of instructor. Part I of a two-semester sequence on linear models, emphasizing linear regression and the analysis of variance, including topics from the design of experiments and culminating in the general linear model.

**STAT–S 432 Applied Linear Models II (3 cr.)** P: S431, or consent of instructor. Part II of a two-semester sequence on linear models, emphasizing linear regression and the analysis of variance, including topics from the design of experiments and culminating in the general linear model.

**STAT–S 437 Categorical Data Analysis (3 cr.)** P: S420 and S432 or consent of instructor. The analysis of cross-classified categorical data. Loglinear models; regression models in which the response variable is binary, ordinal, nominal, or discrete. Logit, probit, multinomial logit models; logistic and Poisson regression.

**STAT–S 439 Multilevel Models (3 cr.)** P: S420 and S432 or consent of instructor. Introduction to the general multilevel model with an emphasis on

applications. Discussion of hierarchical linear models and generalizations to nonlinear models. How such models are conceptualized, parameters estimated and interpreted. Model fit via software. Major emphasis throughout the course will be on how to choose an appropriate model and computational techniques.

**STAT-S 440 Multivariate Data Analysis (3 cr.)** P: S420 and S432, or consent of instructor. Elementary treatment of multivariate normal distributions, classical inferential techniques for multivariate normal data, including Hotelling's T2 and MANOVA. Discussion of analytic techniques such as principal component analysis, canonical correlation analysis, discriminant analysis, and factor analysis.

**STAT-S 445 Covariance Structure Analysis (3 cr.)** P: S420 and S440, or consent of instructor. Path analysis. Introduction to multivariate multiple regression, confirmatory factor analysis, and latent variables. Structural equation models with and without latent variables. Mean-structure and multi-group analysis.

**STAT-S 450 Time Series Analysis (3 cr.)** P: MATH M466 or STAT S420, and STAT S432, or consent of instructor. Techniques for analyzing data collected at different points in time. Probability models, forecasting methods, analysis in both time and frequency domains, linear systems, state-space models, intervention analysis, transfer function models and the Kalman filter. Topics also include: stationary processes, autocorrelations, partial autocorrelations, autoregressive, moving average, and ARMA processes, spectral density of stationary processes, periodograms and estimation of spectral density.

**STAT-S 455 Longitudinal Data Analysis (3 cr.)** P: S420 and S432 or consent of instructor. Introduction to methods for longitudinal data analysis; repeated measures data. The analysis of change—models for one or more response variables, possibly censored. Association of measurements across time for both continuous and discrete responses.

**STAT-S 460 Sampling (3 cr.)** P: S420 and S432, or consent of instructor. Design of surveys and analysis of sample survey data. Simple random sampling, ratio and regression estimation, stratified and cluster sampling, complex surveys, nonresponse bias.

**STAT-S 470 Exploratory Data Analysis (3 cr.)** P: S420 and S432, or consent of instructor. Techniques for summarizing and displaying data. Exploration versus confirmation. Connections with conventional statistical analysis and data mining. Application to large data sets.

**STAT-S 475 Statistical Learning and High-Dimensional Data Analysis (3 cr.)** P: S440 or consent of instructor. Data-analytic methods for exploring the structure of high-dimensional data. Graphical methods, linear and nonlinear dimension reduction techniques, manifold learning. Supervised, semi-supervised, and unsupervised learning.

**STAT-S 481 Topics in Applied Statistics (3 cr.)** P: Consent of instructor. Careful study of a statistical topic from an applied perspective. May be repeated with different topics for a maximum of 12 credit hours.

**STAT-S 482 Topics in Mathematical Statistics (3 cr.)**

P: Consent of instructor. Careful study of a statistical topic from a theoretical perspective. May be repeated with different topics for a maximum of 12 credit hours.

**STAT-S 490 Statistical Consulting (4 cr.)** P: Consent of instructor. Development of effective consulting skills, including the conduct of consulting sessions, collaborative problem-solving, using professional resources, and preparing verbal and written reports. Interactions with clients will be coordinated by the Indiana Statistical Consulting Center.

**STAT-S 495 Readings in Statistics (1-3 cr.)** P: Consent of instructor. Supervised reading of a topic in statistics. May be repeated with different topics for a maximum of 12 credit hours.

## Telecommunications

### Introduction

Telecommunications is the study of a broad range of electronic media industries in a liberal arts context. Areas of focus include radio, television, cable, satellite services, telephony, multimedia, the Internet, and video games. Three major course concentrations focus on (1) the electronic media's influences on audiences and users; (2) the design and production of video, audio, and multimedia materials, including video games; and (3) the business, legal, and managerial aspects of telecommunications.

WFIU-FM and WTIU-TV, university-owned broadcast stations, and instructional teleconferencing media are also located in the Radio and TV Center alongside the Department of Telecommunications (TEL). The stations provide on-campus opportunities for part-time jobs and internships in electronic media production and operations. Off-campus internships are also available and strongly encouraged.

### Contact Information

Department of Telecommunications  
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1229 E. 7th St.  
Bloomington, IN 47405

(812) 855-3828  
[tcom@indiana.edu](mailto:tcom@indiana.edu)

<http://www.indiana.edu/~telecom/index.shtml>

## Faculty

### Chairperson

- Professor Walter Gantz

### Professors

- Edward Castronova
- Barbara Cherry
- Elizabeth Grabe
- Annie Lang
- Michael McGregor
- Harmeet Sawhney
- David Waterman

**Clinical Professor**

- Ronald Osgood

**Associate Professors**

- Erik Bucy
- Mark Deuze
- Julia Fox
- Robert Potter
- Herbert Terry

**Assistant Professors**

- Andrew Bucksbarg
- Nicole Martins
- Bryant Paul
- Andrew Weaver

**Senior Lecturers**

- Robert Affe
- Susan Kelly
- Steven Krahnke
- James Krause

**Lecturer**

- Norbert Herber

**Academic Advising**

- Lynda Haywood-Smith, Radio-TV Center 240, (812) 855-3828
- Jeanne Myers, Radio-TV Center 240, (812) 855-3075

**Major in Telecommunications****Purpose**

Students learn about the organizations and institutions involved in the electronic media and the impact of those organizations and institutions on society. Students can study the effects of the media; the economics and management of the media; how video, audio, and multimedia messages are created; and many other aspects of telecommunications. The curriculum emphasizes the impact of technology on communications, considers international as well as domestic contexts, and explores historical as well as contemporary concerns. Many graduates enter the electronic media industries; others find careers in such related areas as advertising, consulting, and communications planning. Some pursue graduate degrees in communications, law, business, or other fields.

**Required Courses**

Once admitted, students plan a program of study with the academic advisors. Faculty members provide assistance with course selection and career development. Graduation requires completion of the degree requirements of the College of Arts and Sciences plus the following departmental requirements:

1. A minimum of 30 credit hours and up to a maximum of 42 credit hours in telecommunications.
2. T101, T205, T206, and T207 or equivalent course work approved by the director of undergraduate studies.
3. At least 12 credit hours within one of the three areas of study: Media and Society, Design and Production, and Industry and Management.
4. At least 15 credit hours at the 300–400 levels.

Students may earn only one of the following four credentials: major in telecommunications, minor in telecommunications, Certificate in Game Studies, or Certificate in New Media and Interactive Storytelling.

**Business Minor for Telecommunications Majors**

Telecommunications majors may earn a minor, designed specifically for telecommunications majors, in the Kelley School of Business. This plan of study emphasizes management and marketing and consists of 15 credit hours. Students electing this minor must fulfill course prerequisites listed in the current Kelley School of Business Undergraduate Academic Bulletin and supplements.

Students electing this minor in business must notify the academic advisor of the Department of Telecommunications.

**Required Courses**

A minimum of 15 credit hours in business courses, including the following:

1. All three of the following courses in the Kelley School of Business:

- BUS-A 200 Foundations of Accounting (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- BUS-Z 302 Managing and Behavior in Organizations (3 cr.)

2. Two of the following courses in the Kelley School of Business:

- BUS-G 300 Introduction to Managerial Economics (3 cr.)
- BUS-G 406 Business Enterprise and Public Policy (3 cr.)
- BUS-L 409 Law and the Environment (3 cr.)
- BUS-L 312 The Ethical Responsibilities of Business (3 cr.)
- BUS-M 300 Introduction to Marketing (3 cr.)
- BUS-M 311 Introduction to Marketing Communication (3 cr.)
- BUS-M 312 Retail Marketing Management (3 cr.)
- BUS-W 430 Organizations and Organizational Change (3 cr.)
- BUS-Z 447 Leadership, Teamwork, and Diversity (3 cr.)

*Recommended course* (does not count toward 15 credit hour business minor):

- ECON-E 201 Introduction to Microeconomics (3 cr.)

**Minor in Telecommunications****Requirements**

A minimum of 15 credit hours in telecommunications, including:

1. Two courses from T101, T205, T206, and T207.
2. Three additional telecommunications courses with at least 6 credit hours at the 300–400 level.

## Certificate in Game Studies

The Certificate in Game Studies is intended for students who want to focus specifically on designing and building interactive games. A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. The Certificate in Game Studies is available to students outside the telecommunications major or minor; students pursuing a major or minor in telecommunications may choose to focus on game design courses in the telecommunications major or minor program of study.

The program requires the completion of a 13 credit core and 15 credit hours of electives. Each course must be completed with a minimum grade of C– or higher.

### Required Courses in Telecommunications

(13 credit hours)

- T160 Videogames: History and Social Impact (3 cr.)
- T206 Introduction to Design and Production (3 cr.)
- T284 Introduction to Interactive Media Design (3 cr.)
- T367 Theory and Practice of Game Design (3 cr.)
- T460 Projects in Game Design (1 cr.)

### Electives

(At least 9 of the 15 credit hours of electives must be at the 300–400 level.)

#### Computer Science

- A201 Introduction to Programming (4 cr.)

#### Fine Arts

- D210 Digital Art: Survey and Practice (3 cr.)
- D310 Interactive Multimedia (3 cr.)
- D317 Video Art (3 cr.)

#### Telecommunications

- T260 The Videogame Industry (3 cr.)
- T353 Audio Production (3 cr.)
- T361 Flash for Games and Interactive Media (3 cr.)
- T364 Introduction to 3D Digital Modeling and Animation (3 cr.)
- T366 Multiplayer Game Design (3 cr.)
- T369 Sound Design (3 cr.)
- T433 Advanced Projects in Web Design (3 cr.)
- T461 Advanced Flash for Games and Interactive Media (3 cr.)
- T464 Advanced 3D Digital Modeling and Animation (3 cr.)

#### Theatre and Drama

- T438 Advanced Stage Lighting Design (3 cr.)

#### School of Education

- R347 Impact of Games and Simulations in Instructional Technology (3 cr.)

#### Jacobs School of Music

- Z361 Introduction to MIDI and Computer Music (3 cr.)

Students seeking the certificate should contact an undergraduate advisor in the Department of Telecommunications before beginning study. The

semester prior to graduation, students must present their program of study to an undergraduate advisor in the Department of Telecommunications for certification.

## Certificate in New Media and Interactive Storytelling

The Certificate in New Media and Interactive Storytelling is intended for students seeking a broad range of design skills for a variety of interactive Web content, including information, education, commercial applications, and entertainment.

### Purpose

"New media" can be defined as the entire range of computer-based or computer-enhanced communication. This includes digital radio and television, Internet applications, and videogames. Meaningful new media projects are a combination of technological expertise and compelling content from a variety of sources, including the sciences, the arts, and the humanities. The goal of this program is to provide undergraduates with the theoretical, creative, and technological bases for the production of new media products.

A student may earn a certificate as part of completing the bachelor's degree and in addition to completing requirements for a major. The Certificate in New Media and Interactive Storytelling is available to students outside the telecommunications major or minor.

The program requires the completion of a 15 credit hour core, which includes a 3 credit hour final project, and 12 credit hours of electives (9 credit hours must be at the 300 and 400 level).

Students seeking the certificate should contact an undergraduate advisor in the Department of Telecommunications before beginning study. The semester prior to graduation, students must present their program of study to an undergraduate advisor in the Department of Telecommunications for certification.

### Required Courses in Telecommunications

(15 credit hours)

- T206 Introduction to Design and Production (3 cr.)
- T283 Introduction to Production Techniques and Practices (3 cr.)
- T284 Introduction to Interactive Media Design (3 cr.)
- T471 Applying Theory to Media Design (3 cr.)
- T495 New Media Certificate Project (3 cr.)

### Electives

(12 credit hours from the following list of courses; at least 9 credit hours must be at the 300 or 400 level.)

#### Communication and Culture

- C337 New Media (3 cr.)

#### Computer Science

- A201 Introduction to Programming I (4 cr.)
- A348 Mastering the World Wide Web (3–4 cr.)
- B481 Interactive Graphics (4 cr.)

#### Fine Arts

- D210 Digital Art: Survey and Practice (3 cr.)
- D310 Interactive Multimedia (3 cr.)



- D317 Video Art (3 cr.)

### Telecommunications

- T193 Passport to Cyberia: Making the Virtual Real (3 cr.)
- T353 Audio Production (3 cr.)
- T354 Program Graphics and Animation (3 cr.)
- T361 Flash for Games and Interactive Media (3 cr.)
- T364 Introduction to 3D Digital Modeling and Animation (3 cr.)

### Theatre and Drama

- T438 Lighting Design (3 cr.)

### School of Education

- R347 Impact of Games and Simulations in Instructional Technology (3 cr.)

### School of Informatics and Computing

- I300 Human-Computer Interaction Design and Programming (3 cr.)
- I494 Design and Development of an Information System (3 cr.)

### Jacobs School of Music

- Z361 Introduction to MIDI and Computer Music (3 cr.)

## Departmental Honors Program

Outstanding students in telecommunications may be admitted to the departmental honors program. The program requires students to complete 12 credit hours of honors work, including a senior thesis. Students admitted to the program should consult the online [Schedule of Classes](#) for specific honors courses. In addition to undergraduate courses, students may apply for admission to graduate-level courses in the department for honors credit. A minimum cumulative grade point average of 3.300 and a 3.500 average in telecommunications courses are required for the honors degree. Further information may be obtained from the departmental honors advisor.

## Overseas Study

Telecommunications students are encouraged to study abroad, particularly on Indiana University overseas study programs, where they can continue to make progress toward their degree and apply financial aid to program fees. In some cases students can earn Department of Telecommunications credits while studying abroad. For more information about study abroad, contact the Office of Overseas Study, Franklin Hall 303, (812) 855-9304; [www.indiana.edu/~overseas](http://www.indiana.edu/~overseas).

## Course Descriptions

**TEL–T 101 Media Life (3 cr.) S & H** Examines the role media play in our lives—at work, at school, among family members, friends, and lovers—and analyzes pressing issues in media and society today, such as privacy, globalization, and convergence.

**TEL–T 160 Videogames: History and Social Impact (3 cr.) S & H** Explores the origins of videogames and their growing influence on daily life. Students learn how games

affect individual thinking, learning, and socializing, and how they affect society as a whole.

**TEL–T 191 Race, Ethnicity, and Media (3 cr.) S & H, CSA** This course examines how the social construction of race impacts media content, audiences, and employment/access. In examining these issues, the course will explore mechanisms of racism and consider efforts to overcome media racism in the United States. Includes screening, interpretation, and analysis of electronic media content, and guest lectures and presentations. Credit not given for both T191 and CMCL C201.

**TEL–T 192 Women and the Media (3 cr.) S & H** Examines the representation of women in the media and analyzes women's creative work as media producers. The course will include screening, lecture, and discussion in areas of critical debate: positive images, visual representation; racial and ethnic stereotyping; women's employment in media industries; women as an audience/consumer group. Credit not given for both T192 and CMCL C203.

**TEL–T 193 Passport to Cyberia: Making the Virtual Real (3 cr.) A & H, TFR** Examines the increasing cyborgization of our lives. Readings and discussions will consider ways in which humans and machines are intertwined and interdependent and how these phenomena have a profound effect on our culture.

**TEL–T 195 Topical Seminar in Telecommunications (3 cr.) S & H** Exploration of problems and issues of telecommunications in contemporary society. Topics vary. May not be repeated for credit.

### Media and Society Area

**TEL–T 205 Introduction to Media and Society (3 cr.) S & H** This course examines the construction of social meaning associated with mediated messages as well as the range of uses and consequences of exposure to mediated messages in individuals, groups, organizations, and society.

**TEL–T 311 Media History (3 cr.) P:** T205 or T207 with a grade of C– or higher, or consent of instructor. **S & H** Surveys the historical development of mediated communication suggesting linkages between past and present. Examines a variety of time periods and media forms: telegraphy, telephony, radio, television, and computer communication.

**TEL–T 312 Politics and the Media (3 cr.) P:** T205 with a grade of C– or higher, or consent of instructor. **S & H** Examines the relationship between media and modern politics. Topics will vary. May not be repeated for credit.

**TEL–T 313 Comparative Media Systems (3 cr.) S & H** T205 or T207 with a grade of C– or higher, or consent of instructor. A comparative study of the ways in which various countries deal with fundamental questions of media organization, control, financial support, program philosophy, and social responsibility.

**TEL–T 314 Telecommunications Processes and Effects (3 cr.) P:** T205 with a grade of C– or higher, or consent of instructor. **S & H** Examination of the effects of the mass media on human cognitions, attitudes, and behaviors, relying on empirical social science research;

emphasis on the effects on individuals, although study will include groups, organizations, and social norms.

**TEL–T 316 Media Ethics and Professional Responsibility (3 cr.)** P: T205 or T207 with a grade of C– or higher, or consent of instructor. **S & H** An analysis of the media environment, including organizational structure, corporate responsibility, and the role of the individual in the media environment. Formulation of ethical principles to guide media policy and practice.

**TEL–T 317 Children and Media (3 cr.)** P: T205 with a grade of C– or higher, or consent of instructor. **S & H** Acquaints students with the popular and research literatures on children and media, including television and computers. Students will be expected to identify recurring themes and topics related to children and media and to evaluate their significance in understanding the role of media in children's lives.

**TEL–T 410 Sex in the Media (3 cr.)** P: T205 with a grade of C– or higher, or consent of instructor. **S & H** Explores the role and portrayal of sex and sexuality in media and examines in detail the potential social and psychological effects of exposure to sexual content in the media.

**TEL–T 414 Public Communication Campaigns (3 cr.)** P: T205 with a grade of C– or higher, or consent of instructor. **S & H** Theoretical backgrounds of media campaigns; analyses of persuasion strategies, campaign goals, communication media, audiences, and campaign effectiveness. Case studies of campaigns for social action; original analysis of specific campaigns.

**TEL–T 416 Program Analysis and Criticism (3 cr.)** P: T205 or T206 with a grade of C– or higher, or consent of instructor. **A & H** Critical analysis of the form, production, and performance elements of program genres including drama, comedy, talk and game shows, documentaries, news, and emerging or experimental types of mass media content. Explores the relationships between programming, the media industries, and American culture.

**TEL–T 424 Telecommunications and the Constitution (3 cr.)** P: T205 or T207 with a grade of C– or higher, or consent of instructor. **S & H** Surveys the constitutional foundations of telecommunications law and policy in the United States. Primary focus on the philosophies informing the freedom of speech and press traditions, the First Amendment and how it applies to electronic media, and government regulations purporting to promote First Amendment values.

**TEL–T 427 International Telecommunications (3 cr.)** P: T205 or T207 with a grade of C– or higher, or consent of instructor. **S & H** A comparative study of the development of broadband networks in different parts of the world. The interaction between national telecommunications policies and international arrangements, institutions, and structures.

**TEL–T 445 Sports and Television (3 cr.)** P: T205 or T207 with a grade of C– or higher, or consent of instructor. **S & H** Seminar exploring issues in televised sports in support of and in conflict with other cultural icons in society, business, and education. Includes writing on the ways sports, as program content, influences the television

industry and on the ways television influences college and professional sports.

**TEL–T 451 Topical Seminar in Media and Society (1-3 cr.)** P: T205 with a grade of C– or higher, or consent of instructor. Exploration of social problems and issues in telecommunications. Topics vary. May be repeated with different topics for a maximum of 6 credit hours.

**TEL–S 451 Honors Seminar in Media and Society (3 cr.)** P: Consent of the departmental honors advisor. Topical seminar in media and society for telecommunications honors students. Topics vary. May be repeated with different topics for a maximum of 9 credit hours.

**TEL–T 471 Applying Theory to Media Design (3 cr.)** P: T205 with a grade of C– or higher, or consent of instructor. Basic media theories as well as cognitive, emotional, and social psychology, with a focus on how these theories can be applied to the design of media messages. Special attention given to interactive and immersive mediated environments.

### Design and Production Area

**TEL–T 206 Introduction to Design and Production (3 cr.)** **A & H** Provides a conceptual framework for writing, designing, and evaluating a variety of media products. This is not a hands-on production course but does offer an overview of the production process. Topics include scriptwriting, production design, visualization, composition, editing styles, and others. This course is a prerequisite for advanced-level courses in the design/production area.

**TEL–T 211 Writing for Electronic Media (3 cr.)** Style, form, and preparation of written materials for electronic media.

**TEL–T 283 Introduction to Production Techniques and Practices (3 cr.)** P: T206 with a grade of C– or higher, or consent of instructor. Introductory hands-on production course which concentrates on the planning and production of video and related media. Specific units include TV studio, field shooting/linear tap editing, and digital video/nonlinear video editing. Content consists of applied activities within a conceptual framework. Lab fee required.

**TEL–T 284 Introduction to Interactive Media Design (3 cr.)** P: T206 with a grade of C– or higher, or consent of instructor. This course combines a practical hands-on introduction to interactive media design with presentation and storytelling concepts. A wide range of design technologies including html, JavaScript, and cascading style sheets will be considered. These tools and concepts will be used to create dynamic design products. Lab fee required.

**TEL–T 330 Production Management (3 cr.)** P: T206 and T283, both with a grade of C– or higher, or consent of instructor. The management of commercial and noncommercial telecommunications projects, including television and news media. Organizational, economic/business, and legal aspects of production management. Credit given for only one of T330 and T438.

**TEL–T 331 Scriptwriting (3 cr.)** P: T206 or T211 with a grade of C– or higher, or consent of instructor. Covers

format, structure, and writing of dramatic and nondramatic scripts.

**TEL–T 351 Video Field and Post Production (3 cr.)**

P: T206 and T283, each with a grade of C– or higher, and consent of instructor. Intermediate, hands-on production course that covers acquisition and post-production, including composition, continuity, sound, lighting and digital editing. Students will gain practical experience in the planning, shooting, and editing of video programs using both Avid and Final Cut Pro software. Lab fee required.

**TEL–T 353 Audio Production (3 cr.)**

P: T206 and T283, each with a grade of C– or higher, and consent of instructor. Intermediate-level hands-on production course that concentrates on the planning and production of audio materials for radio, video, and interactive media. Topics include sound theory, recording, and editing. Includes analog and digital technologies. Lab fee required.

**TEL–T 354 Program Graphics and Animation (3 cr.)**

P: T206, and either T283 or T284, all with a grade of C– or higher, and consent of instructor. Intermediate, hands-on production course that teaches the technical skills and creative principles needed to create television graphics. Students will critique and design both still and animated imagery and build effective program graphics using Adobe Photoshop and related software. Lab fee required.

**TEL–T 356 TV Studio Production (3 cr.)**

P: T206 and T283, each with a grade of C– or higher, and consent of instructor. Intermediate, hands-on production course that teaches TV studio production. Students will gain technical proficiency within the TV studio environment and learn directing and other high-level communication skills required to produce multi-camera studio projects. Lab fee required.

**TEL–T 361 Flash for Games and Interactive Media (3 cr.)**

P: T206 and T284, each with a grade of C– or higher, or consent of instructor. Focuses on the design, construction, critique and usability analysis of digital story, game, and communication environments. Develops interesting, compelling interactive environments using the latest versions of software (such as Flash and Director) and the programming languages that support them. Lab fee required.

**TEL–T 364 Introduction to 3D Digital Modeling and Animation (3 cr.)**

P: T206 and T284, each with a grade of C– or higher, or consent of instructor. Technical areas covered will be character and face animation and mechanical modeling such as buildings and vehicles. Specific topics covered will be modeling basics such as splines, lathing, surfaces, textures, constraints, bones, path animation, rendering, and compositing. There will also be a short historical overview of 3D modeling and effects in film and television. Lab fee required.

**TEL–T 366 Multiplayer Game Design (3 cr.)**

P: T206 with a grade of C– or higher, or consent of instructor. Focuses on massive multiplayer online games and virtual worlds. An introduction to the design elements and production requirements necessary to create and maintain online games, study various existing worlds, and lay the groundwork for creating new ones. Students will do hands-on work on a new virtual world.

**TEL–T 367 Theory and Practice of Game Design (3 cr.)**

P: Three previous telecommunications courses, each with a grade of C– or higher, or consent of instructor. Examines the historical and philosophical roots of play in culture as well as more current writings on game play and game design. Numerous games will be presented, played, and analyzed in class. Final project is a new game design.

**TEL–T 369 Sound Design (3 cr.)**

P: T283 or T284 with a grade of C– or higher, or consent of instructor. Develops basic sound design technique for linear and nonlinear media (video, animation, games, and interactive content). Explores basic concepts of sound in the context of audiovisual relationships through production and analysis. Develops media communication skills through the use of sound and image. Lab fee required.

**TEL–T 431 Video Documentary (3 cr.)**

P: T283 and one 300-level production course, each with a grade of C– or higher, and consent of instructor. Overview of historic and contemporary television documentaries. Analyzes how narratives describe individuals, cultures, and events. Examines the role of producer as historian, explorer, social activist, journalist, and entertainer. Covers the development process in creating documentaries, including research, legal issues, story development, evaluation, and other preproduction activities.

**TEL–T 433 Advanced Projects in Web Design (3 cr.)**

P: T206 and T284, each with a grade of C– or higher, or consent of instructor. Project-based class focused on implementing the skills learned in the introductory classes and applying them to real-world problems. Design, implement, and test a significant Web site for a real client either individually or in groups. Lab fee required.

**TEL–T 435 Documentary Production (3 cr.)**

P: T206 and T283, and either T351 or T354, all with a grade of C– or higher, and consent of instructor. Advanced, hands-on production class that produces nonfiction pieces, including broadcast documentaries and client-driven/community service videos. Lab fee required.

**TEL–T 436 Advanced Production Workshop (1-3 cr.)**

P: T206, and either T283 or T284, and two 300-level production courses, all with a grade of C– or higher, and consent of instructor. A capstone course for those in production sequence. Students plan, direct, and produce programs or program segments that may air on WTIU, Indiana University's public television station. May be repeated, with different topics, for a maximum of 6 credit hours. Lab fee required.

**TEL–T 437 WTIU Production Workshop (1-3 cr.)**

P: T283 with a grade of C– or higher, and consent of instructor. With close supervision by WTIU station or production management, student is responsible for preproduction planning, production coordination and execution, postproduction, critical and audience evaluation of programs for broadcast. Develop professional working relationships and portfolio. Lab fee required.

**TEL–T 452 Topical Seminar in Design and Production (1-3 cr.)**

P: T206 with a grade of C– or higher, or consent of instructor. Exploration of design or production problems and issues in telecommunications. Topics vary. May be repeated with different topics for a maximum of 6 credit hours.

**TEL-S 452 Honors Seminar in Design and Production (3 cr.)** P: Consent of the departmental honors advisor. Topical seminar in design or production for telecommunications honors students. May be repeated with different topics for a maximum of 9 credit hours.

**TEL-T 454 DVD Authoring (3 cr.)** P: T206, and either T283 or T284, and T354, all with a grade of C– or higher, and consent of instructor. Advanced, hands-on production course that teaches the technical skills and creative principles required to design and author DVDs. Students will edit digital video; encode audio and video; propose and script a DVD project; create graphics, menus, buttons; design and test navigation; and author and produce DVDs. Lab fee required. Credit given for only one of T454 and T358.

**TEL-T 460 Projects in Game Design (1-3 cr.)** P: Permission of faculty supervisor. Development and implementation of game design project under direction of faculty supervisor. May be repeated for a maximum of 3 credit hours.

**TEL-T 461 Advanced Flash for Games and Interactive Media (3 cr.)** P: T361 with a grade of C– or higher, or consent of the instructor. Takes interactive multimedia design skills to the next level. Focuses on advanced scripting technique and interactive media design, including the examination of new technologies, such as wireless devices. Students produce professional-quality projects ready for distribution. Lab fee required. Credit given for only one of T461 and T368.

**TEL-T 464 Advanced 3D Digital Modeling and Animation (3 cr.)** P: T364 with a grade of C– or higher, or consent of instructor. Advanced 3D seminar. Topics vary and may include 3D modeling for games and interactive storytelling, 3D modeling for film and television, 3D modeling for the Web, 3D modeling and machinima, programming and scripting for dynamic effects in 3D environments, motion capture and 3D. Lab fee required. Credit given for only one of T464 and T365.

### Industry and Management Area

**TEL-T 207 Introduction to Telecommunications Industry and Management (3 cr.)** S & H Introductory analysis, using a case-study method, of how telecommunications industries such as broadcasting, cable, and telephone are structured, funded, and regulated; how telecommunications organizations create and market programs and products, and how they manage their operations.

**TEL-T 242 Public Telecommunications (3 cr.)** S & H Analysis of the structure, organization, financing, and administration of the public broadcasting system in the United States, with particular emphasis on current issues, events, and trends in its evolutionary development.

**TEL-T 260 The Videogame Industry (3 cr.)** S & H Examines the marketplaces for games, and for game-related jobs. Students learn about the game production process, strategies for turning profits, and tips for finding good jobs in this rapidly growing industry.

**TEL-T 316 Media Ethics and Professional Responsibility (3 cr.)** P: T205 or T207 with a grade of C– or higher, or consent of instructor. S & H An analysis of the media environment, including organizational structure,

corporate responsibility, and the role of the individual in the media environment. Formulation of ethical principles to guide media policy and practice.

**TEL-T 321 Policymaking in Telecommunications (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. S & H Overview of basic U.S. law and government. Specific analysis of who makes U.S. telecommunications policy, how it is done, and its effects. Course includes a case study of recent policymaking that varies each semester.

**TEL-T 322 Telecommunications Networks (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. S & H The evolution of telecommunication network technology, policy economics, and industries from the 1870s to the present. Basic telecommunication transmission and switching, general operational concepts, and societal and cultural effect of telephony in the United States.

**TEL-T 326 Network Design (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Basic concepts for developing an effective network system. The interaction between network technologies and human behavior.

**TEL-T 327 Data Communications (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. An introduction to the basic concepts for understanding the integration of computers and telecommunications networks. The impact of environmental factors on the design of data networks.

**TEL-T 329 Cable/Broadband Communications (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. S & H Technology, programming, economics, marketing, and regulation of cable television and other multichannel, broadband media delivery systems.

**TEL-T 340 Electronic Media Advertising (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Principles of Internet, network, national spot, and local radio and television advertising; roles of advertising agency, station representative, time buyer.

**TEL-T 343 Electronic Media Sales (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Techniques and skills used in selling advertising for television, radio, cable, and the Internet: researching prospective clients, knowledge and application of marketing models, developing an effective media mix to achieve market goals, preparing written and oral sales presentations.

**TEL-T 344 Programming Strategies (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Broadcast, cable, and satellite program evaluation, selection, and scheduling. Decision-making strategies in commercial television and radio at the network and local levels, commercial cable networks and systems, noncommercial outlets, and program syndication.

**TEL-T 347 Promotion and Marketing in Telecommunications (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Theory and practice of designing, implementing, and evaluating promotional materials and marketing campaigns for television programs, radio formats, cable services, the Web, and new media.

**TEL-T 348 Audience Analysis (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. **S & H** The behavior, descriptors, and measurement of telecommunications audiences. Sample survey, focus groups, and other research methods used by the telecommunications industry.

**TEL-T 413 Global Media Issues (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. **S & H** Advanced study of media from a global perspective focusing on particulars, trends, or issues. Topics vary. May not be repeated for credit.

**TEL-T 421 Economics of Communications Industries (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. **S & H** Analysis of market structure and behavior of firms and organizations in broadcasting, cable television, motion picture distribution, print media, common carrier, and other communications industries. Policy and strategy applications.

**TEL-T 422 Business Applications in Telecommunications (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. **S & H** Topical seminar on social and business applications of telecommunications. Exploration of the potential for delivering public and business services via the telecommunications network. May be repeated once with different topics for a maximum of 6 credit hours.

**TEL-T 425 Telecommunications Regulation (3 cr.)** P: T207 and T321, each with a grade of C– or higher, or consent of instructor. **S & H** Regulation of broadcasting, cable, and common carriage. Examination of the telecommunications regulation system. Regulation of entry into telecommunications (licensing and franchising), renewal of licenses and franchises, and government control of business and economic relations among participants in the field.

**TEL-T 441 Advanced Advertising Strategies (3 cr.)** P: T207 and T340, both with a grade of C– or higher, or consent of instructor. Analysis and evaluation of planning, creative, and placement components of advertising campaigns utilizing the electronic media; development of original advertising campaigns.

**TEL-T 446 Telecommunications Management (3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Study of the skill, processes, and attitudes required for effective management and leadership at all levels in telecommunications operations.

**TEL-T 453 Topical Seminar in Industry and Management (1-3 cr.)** P: T207 with a grade of C– or higher, or consent of instructor. Exploration of management or strategic problems and issues in telecommunications. Topics vary. May be repeated with different topics for a maximum of 6 credit hours.

**TEL-S 453 Honors Seminar in Industry and Management (3 cr.)** P: Consent of departmental honors advisor. Topical seminar in management or strategy for telecommunications honors students. May be repeated with different topics for a maximum of 9 credit hours. Credit not given for both S440 and S453.

### Non-Area Courses

**TEL-T 480 Current Issues in Telecommunications (3 cr.)** P: Senior status and telecommunications major.

**S & H** Discussion of current issues that cut across the three areas of concentration in the telecommunications major. Topics vary.

**TEL-T 495 New Media Certificate Project (3 cr.)** P: Permission of faculty supervisor and director of undergraduate studies. Development and implementation of individual new media project under the direction of faculty supervisor. Required for Certificate in New Media and Interactive Storytelling.

**TEL-T 496 Foreign Study in Telecommunications (1-3 cr.)** P: Consent of chairperson. Planning of a research project during year preceding a period of residence abroad. Time spent in research abroad must amount to at least one week for each credit hour granted. Research paper must be presented by the end of the semester following foreign study. May be repeated for a total of 3 credit hours, with permission.

**TEL-T 497 Telecommunications Field Experience (1-3 cr.)** P: Junior or senior standing, major in telecommunications with a minimum of 12 credit hours completed, at least 6 of the credit hours completed in upper-division classes in the major, and advanced approval of the internship coordinator. Requires a critical analysis paper and evaluation of an internship/field project by an industry sponsor. May be repeated for a total of 3 credit hours, with permission.

**TEL-T 498 Projects in Telecommunications (1-3 cr.)** P: Advance approval of a project by a faculty supervisor and the director of undergraduate studies. Individual projects in an area of telecommunications. May be repeated up to a maximum of 3 credit hours.

**TEL-S 499 Reading for Honors (3 cr.)** P: Approval of departmental honors advisor. Introduction to research methods for honors undergraduates.

**TEL-T 499 Independent Study for Honors (1-12 cr.)** P: Approval of departmental honors advisor.

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## Theatre and Drama

### Introduction

The Department of Theatre and Drama (THTR) believes that theatrical productions and classroom study are of equal and complementary value. Courses in acting, directing, playwriting, dramatic literature, musical theatre, theatre history, design, and technology are all vital and interrelated aspects of the theatre and drama program.

### Contact Information

Department of Theatre and Drama  
Indiana University  
Lee Norvelle Theatre and Drama Center, Suite A300U  
275 North Jordan Ave.  
Bloomington, IN 47405-1101

(812) 855-4535  
[theatre@indiana.edu](mailto:theatre@indiana.edu)

<http://www.indiana.edu/~thtr>

## Faculty

### Chairperson

- Professor Jonathan R. Michaelsen

### Associate Chairperson

- Dale McFadden

### Professors

- Dale McFadden
- Jonathan R. Michaelsen
- George Pinney
- Robert A. Shakespeare
- Ronald Wainscott

### Associate Professors

- Bruce Burgun
- Nancy Lipschultz
- Murray McGibbon
- Linda Pisano
- Rakesh Solomon
- Fontaine Syer

### Assistant Professors

- Paul Brunner
- Amy Cook
- Edris Cooper-Anifowoshe
- Fred M. Duer
- Ray Fellman
- Andrew Hopson
- Terry LaBolt
- Adam Noble

### Visiting Assistant Professor

- Ken Weitzman

### Adjunct Faculty

- Marlon M. Bailey (Gender Studies)
- Vincent Liotta (Jacobs School of Music)
- Sylvia McNair (Jacobs School of Music)
- Stephen Watt (English)

### Faculti Emeriti

- Leon Brauner
- Winona Fletcher
- Roger W. Herzel
- Howard Jensen
- Marion Bankert Michael
- R. Keith Michael
- Wesley Peters
- Dennis J. Reardon
- Frank Silberstein

### Director of Undergraduate Studies

- Dale McFadden

### Academic Advising and Theatre Education

- Charles Railsback, Theatre and Drama Center A204, (812) 855-4342

## Major in Theatre and Drama

### Required Courses

Students must complete 33 credit hours in theatre and drama, including the following introductory courses. Students are advised to take the courses in a building progression (i.e., T100 should be taken early in the

progression of study). See the academic advisor for clarification.

1. Introductory Courses
  - T100 Introduction to Theatre (3 cr.)
  - T101 Script Analysis (3 cr.)
  - T121 Acting I for Majors: Introduction to Acting (3 cr.)\*
  - T125 Introduction to Theatrical Production (3 cr.)
  - T230 Costume Design and Technology I (3 cr.)
  - T335 Stage Lighting Design (3 cr.)
  - T340 Directing I: Fundamentals of Directing (3 cr.)
  - T370-T371 History of Theatre and Drama I-II (3-3 cr.)
2. Six additional credit hours in one of the four following areas of concentration:
  - Dramatic literature, theatre history, and dramatic theory: T460, T461, T462, T468
  - Acting, directing, movement, and voice and speech: T220, T300, T301, T302, T319, T325, T410, T419, T421, T422, T442, T443, T445, T448
  - Scenic design, stagecraft, lighting design, costume design, sound design, and stage management: T130, T323 T326, T329, T347, T425, T426, T428, T430, T433, T434, T435, T438, T447
  - Playwriting: T453, T454, T458
3. 15 of the 33 credit hours must be taken in 300- and 400-level courses

The academic advisor will assign to the appropriate area of concentration any credits earned in theatre and drama courses T390, T399, T483, T490, and T499.

\* T120 is accepted as a substitute for T121 by petition. Consult advisor for further clarification.

Students must also complete the degree requirements of the College of Arts and Sciences.

### Transfer Students

Transfer students must complete a minimum of 12 credit hours in theatre and drama in residence on the Bloomington campus. At least 6 credit hours must be taken in the student's area of concentration.

1. Students who have taken an acting course at another school and wish to take any course of the acting curriculum beyond T120 or T121 must audition for the acting faculty for placement before the beginning of classes in the fall semester. See the academic advisor for date and time.
2. All courses transferred from another institution or campus outside the State of Indiana College and University System must be evaluated through the Theatre and Drama Advising Office before they may be applied toward the theatre and drama major or minor. Transfer students must submit bulletin descriptions and course syllabi for potential transfer credits during the first semester of study.

## Double Major Program

The requirements for a double major in the Department of Theatre and Drama are the same as for a single major.

## Minor in Theatre and Drama

### Requirements

Students must complete a minimum of 18 credit hours in theatre and drama, including:

1. T100 and T101
2. A minimum of one course in each of these three areas:
  - Acting and directing: T120
  - Design and technology: T125, T230, T326, or T335
  - Theatre history and dramatic literature: T370, T371, T460, T461, T462, or T468
3. One additional course in one of the four areas of concentration listed in the major. Students are advised to take the courses in the minor in a building progression (i.e., T100 or T120 should be taken early in the progression of study).

Students are advised to plan their minor program of study in consultation with both their major and minor advisors.

The following is a list of courses recommended for theatre and drama minors:

1. Acting: T220, T319
2. Directing: T340
3. Movement: T410
4. Playwriting: T453, T454, T458
5. Stagecraft: T125, T425, T435
6. Scene design: T326, T426
7. Costuming: T230, T430
8. Lighting: T335, T438
9. Sound design: T347, T447
10. Stage management: T229; T329 or T428
11. Dramatic literature: T460, T461, T462, T468
12. Theatre history: T370, T371
13. Voice and speech: T325

## Major in Musical Theatre—B.F.A.

### Purpose

This program is designed to train exceptional students who seek a professional career in musical theatre within the context of an outstanding liberal arts education offered by Indiana University. Admission to the B.F.A. program is by audition, typically prior to the beginning of the freshman year.

### Required Courses

Students must complete at least 91 credit hours in theatre, dance, and music:

1. 62 credit hours in Theatre and Drama, to include:
  - T100 Introduction to Theatre (3 cr.)
  - T101 Script Analysis (3 cr.)
  - T121 Acting I for Majors: Introduction to Acting (3 cr.)
  - T125 Introduction to Theatrical Production (3 cr.)
  - T220 Acting II: Scene Study (3 cr.)
  - T230 Costume Design and Technology I (3 cr.)
  - T300 Musical Theatre Workshop (3 cr., must be repeated to 12 cr.)

- T305 Voice for Musical Theatre (2 cr., must be repeated to 16 cr.)
- T319 Acting III: Advanced Scene Study (3 cr.)
- T325 Voice and Speech (3 cr.)
- T335 Stage Lighting Design (3 cr.)
- T370-T371 History of Theatre and Drama I-II (3-3 cr.)
- T401 Musical Theatre Senior Showcase (1 cr.)

2. 18 credit hours in dance, including THTR-T 301-T302 Musical Theatre Dance Styles I-II (3-3 cr.) and an additional 12 credit hours from the following list, with the approval of the director of musical theatre:

#### *Ballet:*

- MUS-J 100 and higher, as appropriate.

#### *Tap Dance chosen from:*

- HPER-E 154 Beginning Tap Dance (1 cr.)
- HPER-E 254 Intermediate Tap Dance (1 cr.)
- HPER-E 354 Advanced Tap Dance (1 cr.)

#### *Jazz chosen from:*

- HPER-E 156 Introduction to Jazz Dance Technique (1 cr.)
- HPER-E 256 Intermediate Jazz Dance (1 cr.)
- HPER-E 456 Advanced Jazz Dance (2 cr.)
- MUS-J 210 Jazz Dance (1 cr.)

#### *Modern Dance chosen from:*

- HPER-E 155 Modern Dance (1 cr.)
- HPER-E 255 Modern Dance—Intermediate (1 cr.)
- HPER-E 355 Modern Dance I Advanced (1 cr.)
- THTR-T 202 Musical Theatre Dance Technique (2 cr.)
- THTR-T 410 Movement for the Theatre (3 cr.)

3. 11 credit hours in music, to include:

- MUS-P 110 Piano Class I, Music Majors (2 cr.)
- MUS-T 109 Rudiments of Music I (3 cr.) or Z111 Introduction to Music Theory I (3 cr.)
- MUS-Z 373 The American Musical (3 cr.)

#### *Cultural Studies in Music: 3 credit hours chosen from:*

- AAAD-A 110 African American Choral Ensemble (2 cr.)
- AAAD-A112 Black Music of Two Worlds (3 cr.)
- AAAD-A 120 Soul Revue (2 cr.)
- AAAD-A 290 Sociocultural Perspectives of African American Music (3 cr.)
- AAAD-A 388 Motown (3 cr.)
- MUS-Z 393 History of Jazz (3 cr.)
- MUS-Z 394 Black Music in America (3 cr.)
- MUS-Z 395 Contemporary Jazz and Soul Music (3 cr.)
- MUS-Z 413 Latin American Popular Music (3 cr.)

Students must also complete the B.A. degree requirements of the College of Arts and Sciences.

## Secondary Teacher Certification

Students seeking certification as teachers may combine their professional training in the Department of Theatre

and Drama with the professional education requirements (secondary education) of the School of Education. Students should consult the bulletin of the School of Education for requirements of this combined program. For clarification, see advisors in both schools.

## Departmental Honors Program

Outstanding students with a minimum cumulative grade point average of 3.300 are eligible for admission to the honors program in theatre and drama at the end of their sophomore year. Minimum requirements for the honors degree are:

1. Cumulative GPA of 3.300.
2. 33 credit hours, to include 9 credit hours of honors course work in theatre and drama at the 300–400 level, 6 of which must be in T399–T499.
3. A senior project of a creative or research nature, which may be counted as part of the T499 requirements.

Application for admission and the student's program of courses must be approved by the department's honors committee.

## Policy on Auditing Theatre Courses

Ordinarily students may not audit performance or design and technology courses. With written permission of the instructor, students may audit courses in history, theory, or literature. The audit permission form is available as appropriate from the departmental academic advisor.

## Course Descriptions

### THTR–T 100 Introduction to Theatre (3 cr.) A & H

Exploration of theatre as collaborative art. Investigation of the dynamics and creativity of theatre production through plays, theatrical space, and cultural context, with particular attention to the roles and interaction of the audience, playwrights, directors, actors, designers, producers, and critics.

### THTR–T 101 Script Analysis for the Theatre (3 cr.)

Close analysis and study of both traditional and nontraditional play texts in terms of structure, genre, style, character, themes, language, dramatic action, and dramatic event. Plays are examined from the point of view of the actor, director, designer, producer, critic, scholar, and audience. Required of all theatre majors; should be taken in the freshman year.

### THTR–T 120 Acting I: Fundamentals of Acting (3 cr.)

**A & H** Introduction to theories and methodology through sensory awareness, physical and vocal exercises, improvisations, and scene study. Credit given for only one of T120 or T121.

### THTR–T 121 Acting I for Majors: Introduction to Acting (3 cr.) P:

Major in theatre and drama or departmental approval. **A & H** An accelerated-level course. Supplementary theories and methodology to expand the introduction to sensory awareness, physical and vocal exercises, improvisation, and scene study. Credit given for only one of T120 or T121.

### THTR–T 125 Introduction to Theatrical Production (3 cr.)

Introduction to the methods, practices, and materials used in theatrical design and production. Focuses on stagecraft and theatrical design with

introductions to lighting and costuming and an emphasis on scenic design.

**THTR–T 130 Stage Makeup Design (1 cr.)** Introduction to basic theories and skills in stage makeup. Survey covers corrective, period, basic prosthetics, and other effects used in performance.

### THTR–T 202 Musical Theatre Dance Technique

**(2 cr.) P:** Permission of instructor. Blending ballet and jazz technique to strengthen musical theatre dance performance, the course will focus on specific problems that occur in musical theatre dance, including breathing for singing and dancing, character revelation, dramatic action in dancing, ensemble dancing, and selected styles.

### THTR–T 203 IU Broadway Cabaret (0–1 cr.)

**P:** Permission of instructor. Touring performance ensemble dedicated to the American Songbook and musical theatre literature.

### THTR–T 220 Acting II: Scene Study (3 cr.) P:

T120 or T121; recommendation of T120 or T121 instructor or audition. **P or C:** T101. Techniques for expressing physical, intellectual, and emotional objectives. Study, creation, and performance from varied dramas.

### THTR–T 229 Stage Management I (3 cr.) P:

T100, T101, and T125. Explores the role and function of the stage manager in theatrical production. Provides the basic skills to begin work in the field of stage management. Emphasis on organization, documentation, and dissemination of information.

### THTR–T 230 Costume Design and Technology I (3 cr.)

**P:** T101. Introduction to theories, methodology, and skills for costume design for the theatre, with laboratory component in basic costume technology skills and wardrobe.

### THTR–T 291 Design and Technology Projects in

**Theatre and Drama (1-3 cr.) P:** Approval of instructor. Creation and development of individual student-related projects in design and technology culminating in a portfolio presentation. May be repeated for a maximum of 6 credit hours.

### THTR–T 300 Musical Theatre Workshop (3 cr.)

**P:** Audition and permission of instructor; T101, T120 or T121, and T220. Focus on synthesizing acting, singing, and dancing into one performance technique. Emphasis will vary according to needs of students. May be repeated for a maximum of 12 credit hours.

### THTR–T 301 Musical Theatre Dance Styles I (3 cr.)

**P:** Permission of instructor. Dance styles of the 1920s through the 1950s are explored and performed, including the works of choreographers Fred Astaire, Hermes Pan, Agnes DeMille, Jerome Robbins, and Gower Champion.

### THTR–T 302 Musical Theatre Dance Styles II (3 cr.)

**P:** Permission of instructor. A continuation of T301. Dance styles of the 1950s to the present are explored and performed, including the works of choreographers Bob Fosse, Michael Bennett, Bob Avian, and Susan Stroman.

### THTR–T 305 Voice for Musical Theatre (2 cr.) P:

B.F.A. major or permission of instructor. Private study of vocal performance focusing on the development of the vocal



instrument for musical theatre repertoire. May be repeated for a maximum of 16 credit hours.

**THTR–T 306 Musical Theatre Workshop for non-B.F.A. Students (3 cr.)** P: T120 or T121; audition; and consent of instructor. The workshop explores performance techniques for musical theatre focusing on synthesizing acting, singing, and dancing into dramatic action and character revelation. Not open to B.F.A. Musical Theatre majors.

**THTR–T 319 Acting III: Advanced Scene Study (3 cr.)** P: T101; T220; T325; T410; T220 instructor recommendation or audition. Emphasis on acting skills, breadth of imagination, and depth of performance in a broad variety of styles. Credit given for only one of T319 or T420.

**THTR–T 323 Costume and Character in London Theatre (3 cr.)** P: Approval of the department. Overseas theatre studies in London. Experience theatrical character development through costume design. Survey social influences on costume and dress worn by characters through history including contemporary trends and dress. Field trips to such locations as Bath and Stratford.

**THTR–T 325 Voice and Speech (3 cr.)** P: T120 or T121. R: Sophomore standing. Introduction to voice production. Emphasizes relaxation, breathing, and the production of vocal sounds; deals with vocal habits and cultural holds through exercises and vocal workouts. Introduction to phonetics and practical work with text while freeing the voice and redeveloping a passion for language.

**THTR–T 326 Introduction to Scenic Design (3 cr.)** P: T101 and T125, or permission of instructor. An entry-level studio course introducing the process of scene design, concept development, and the communication and presentation of theatrical ideas.

**THTR–T 329 Stage Management II (3 cr.)** P: T229. An examination of the organizational and logistical aspects of productions of musical events from the perspective of production and stage management. Examining case studies in musical theatre, ballet, modern dance, opera, and concerts, students gain insight into management strategies and develop critical thinking skills.

**THTR–T 335 Stage Lighting Design (3 cr.)** P: Sophomore standing; T101 and T125; or permission of instructor. Introduction to the process of determining and implementing a lighting design. Analytical skills, concept development, design methods, lighting technology, and practical applications are covered. Lecture and laboratory.

**THTR–T 340 Directing I: Fundamentals of Directing (3 cr.)** P: T101, T120 or T121. R: T125, T230, T335. Introduction to theories, process, and skills (text analysis, working with actors, staging, and telling a story), culminating in a final project.

**THTR–T 347 Introduction to Sound Design for the Theatre (3 cr.)** P: T101 and T125, or permission of instructor. Within the framework of theatrical environments, this course introduces the student to acoustic principles, audio equipment used in theatrical productions, psycho-acoustical considerations, understanding sound signals and how to manipulate

them, computer sound mixing systems, and sound design principles.

**THTR–T 359 Theatre Production Studio (1-3 cr.)** P: T101; one of T125, T229, T230, T335; and permission of instructor. Intermediate, hands-on production course that teaches the theatre production process within a specific area focus. Students gain proficiency within a specific theatre production area and are engaged in a managerial role in an academic season production, including the development of production documentation. Students gain skills in communication, organization, and coordination. May be repeated in a specific area once (at a higher managerial level), and in multiple areas for a total of 3 credit hours.

**THTR–T 370 History of Theatre and Drama I (3 cr.) A & H, CSA** Worldwide development of theatre and drama from beginnings to present. Study of theatre arts and culture institutions; focus on historical context for plays and performances; emphasis on research methods in theatre history. I: Beginnings to ca. 1700.

**THTR–T 371 History of Theatre and Drama II (3 cr.) A & H, CSA** Worldwide development of theatre and drama from beginnings to present. Study of theatre arts and culture institutions; focus on historical context for plays and performances; emphasis on research methods in theatre history. II: ca. 1700 to present.

**THTR–T 378 Foundations for Teaching Theatre and Drama (3 cr.)** P: Approval of theatre education specialist. C: EDUC M303. The accumulation of a range of theatre production and teaching experiences through the building of a portfolio of experiences and resource materials.

**THTR–T 390 Creative Work in Summer Theatre (1-3 cr.)** P: Consent of chairperson. Work in summer theatre productions. May be repeated for up to 6 credits.

**THTR–T 399 Reading, Research, Performance for Honors (1-12; max. 12 cr.)** P: Approval of departmental honors advisor.

**THTR–T 401 Musical Theatre Senior Showcase (1 cr.)** P: Audition and permission of instructor. Introduction to business and marketing techniques for success in professional theatre. Specific instruction in the audition process culminating in performance for agents and casting directors.

**THTR–T 404 Stage Combat (3 cr.)** P: T410. Complete basic training in the safety techniques of theatrical violence, based upon the accepted practices of associations such as the Society of American Fight Directors, and utilized in theatres around the country. Emphasis placed on acting the fight, storytelling, and historical styles of combat.

**THTR–T 410 Movement for the Theatre (3 cr.)** P: T121 or T120. Introduction to fundamental principles and methods focusing on kinesthetic awareness, posture, flexibility, coordination, relaxation, and physical characterization.

**THTR–T 411 Movement for the Theatre II (3 cr.)** P: T410. The Dynamic Presence Training has foundations in Aikido, Suzuki Technique, and Slow Tempo with influences from the Alexander Technique, Biomechanics, Grotowski's Plastiques, Linklater Technique, and Mask

work. Designed for holistic performer training, this course offers advanced study in observation and awareness, exploration of self, basic vocal production and resonance, and development of a more dynamic stage presence.

**THTR–T 419 Acting IV: Acting Shakespeare (3 cr.)** P: T319 or T420; T319 or T420 instructor recommendation or audition. Exploration of precepts of verse in Shakespeare. Emphasis on skills for heightened language, character development, circumstances, and performance. Continued development of the actor as a dramatic instrument. Credit given for only one of T419 or T320.

**THTR–T 421 Acting V: Acting Style I (3 cr.)** P: T419 or T320, recommendation of T419 or T320 instructor, and permission of T421 instructor. Techniques for performing comedy with an emphasis on verbal and other physical skills; introduction to period and style of plays from Aristophanes to Goldoni.

**THTR–T 422 Acting VI: Acting Style II (3 cr.)** P: T419 or T320; recommendation of T421 or T419 or T320 instructor, and permission of T422 instructor. Techniques for performing comedy with an emphasis on verbal and physical skills; introduction to period and style of plays from Sheridan to Coward.

**THTR–T 425 Introduction to Theatrical Drafting (3 cr.)** P: T125 and T326, or written permission of instructor. A studio course consisting of both traditional hand drafting techniques and digital CAD techniques as they are used in theatrical production communication.

**THTR–T 426 Fundamentals of Scenic Design (3 cr.)** P: T326 or consent of instructor. A studio course in the theory, process, and techniques of scenic design for the theatre. Topics include principles, elements, and concepts of design; script analysis; design concept development; creative research and its interpretation; and the communication and presentation of theatrical ideas.

**THTR–T 428 Production Management (3 cr.)** P: T229 or consent of instructor. Examination of the role of production manager in theatrical productions. Emphasis on budgetary and schedule planning and management. Application of human resource management theory also a significant component of the course.

**THTR–T 430 Costume Technology II (3 cr.)** P: T125 and T230, or permission of instructor. Further development of costume construction techniques for interested students who have satisfactorily completed T230. Provides a foundation of sewing, craft, fitting, and patternmaking techniques for use in developing a construction project and performing production assignments.

**THTR–T 432 Studies in Stage Management (3 cr.)** P: Permission of instructor. An examination of the stage management requirement and regulations for non-standard production styles. Each year the topic varies and may include spectacle, theme park, festival, or other large scale entertainment. On site observation and experience is a key portion and requirement of the course. May be repeated with different topics for a maximum of 9 credit hours.

**THTR–T 433 Costume Design II (3 cr.)** P: Permission of instructor. Intensive study of costume design in mainstream theatre. Projects in collaborative aesthetics

in design and practical application rendering techniques and visual communication. No laboratory/technology component.

**THTR–T 434 Historic Costumes for the Stage (3 cr.)** P: Permission of instructor. Survey of historical costume in western civilization, ancient Mesopotamian cultures through the twentieth century. Taught from sociohistorical perspective and applied to performance theory.

**THTR–T 435 Electronics for Theatre (3 cr.)** P: Consent of instructor. Fundamentals of electricity and electronics as applied to theatre. Investigation of current technology for theatrical performance, including power distribution, control systems, and creative applications for lighting, sound, special effects, and mechanized scenery.

**THTR–T 437 Scene Painting I (3 cr.)** P: Permission of instructor. A studio course introducing techniques and equipment of theatrical scenic painting.

**THTR–T 438 Advanced Stage Lighting Design (3 cr.)** P: T335. Stage lighting design—concept development, presentation, and implementation are emphasized, along with advanced lighting techniques and approaches. A practicum will be assigned.

**THTR–T 439 CAD for Theatre (2 cr.)** Building a working knowledge of current computer-aided design and drafting programs, students work to develop personal styles within the boundaries of accepted standards of drafting techniques. Projects focus on controlling appropriate software to develop useful theatre production graphics.

**THTR–T 442 Directing II: Advanced Directing (3 cr.)** P: T340 or permission of instructor. Theory and practice from play selection to performance. Emphasis on rehearsal and performance of varied dramatic material.

**THTR–T 443 Directing III: Directing Style (3 cr.)** P: T442. Emphasis on analysis, interpretation, rehearsal, and presentation of plays from a range of styles and periods.

**THTR–T 445 Voice and Dialects (3 cr.)** P: T325. Investigation of dialects as a distinctive form of pronunciation, language, structure, and vocabulary identified with a geographical area or social class as it applies to the requirements of theatrical clarity and dramatic interpretation. Working with varied texts using points of resonance, vocal focus, and rhythm to unlock the actors' expressive tools.

**THTR–T 447 Sound Design I (3 cr.)** P: T347 or consent of instructor. Focuses on theatrical design concept development and implementation. Students are exposed to various design challenges and processes for sound design in a range of production styles and approaches.

**THTR–T 448 Voice in Performance (3 cr.)** P: T325 and permission of instructor. A voice class for the performing artist employing the techniques of artists such as Patsy Rodenburg, Cicely Berry, and Kirsten Linklater. Exploration of the life and muscularity of varied texts. Opening the voice to match the music of what one is saying while learning to identify and respect the writer's intentions through voice and language.

**THTR–T 451 Stage Rigging I (2 cr.)** P: T125 or permission of instructor. Survey of structural engineering

terminology and methods as applicable to common rigging practice in the theatre and entertainment industry.

**THTR–T 452 Stage Rigging II (2 cr.)** P: T451. Hands-on course designed to familiarize students with the operation and maintenance of typical rigging equipment. Class work includes counterweight system operations, pin-rail operations, rope and knot basics, wire-rope basics, chain hoist basics, and arena-type rigging basics.

**THTR–T 453 Playwriting I (3 cr.)** P: T101 or permission of instructor. Introduction to principles of dramatic structure. Conferences and peer evaluations. Focus is on the creation and revision of a one-act play.

**THTR–T 454 Playwriting II (3 cr.)** P: T453 or permission of instructor. Consideration of dramaturgical antecedents and practical and theoretical problems. Creation of a full-length play. Prior playwriting experience helpful, but not required.

**THTR–T 458 Screenwriting (3 cr.)** Structural analyses of cinematic models, culminating in the creation of an original full-length narrative screenplay.

**THTR–T 460 Development of Dramatic Art I (3 cr.)** **A & H, CSA** Dramatic art in the Western world from beginnings to the present. Study of dramatic genres, plays in productions, and theatrical approaches to plays of the past. I: Classical to Early Renaissance Drama.

**THTR–T 461 Development of Dramatic Art II (3 cr.)** **A & H, CSB** Dramatic art in the Western world from beginnings to the present. Study of dramatic genres, plays in productions, and theatrical approaches to plays of the past. II: Late Renaissance to Modern Drama.

**THTR–T 462 Development of Dramatic Art III (3 cr.)** **A & H, CSB** Dramatic art in the Western world from beginnings to the present. Study of dramatic genres, plays in productions, and theatrical approaches to plays of the past. III: Modern and Contemporary Drama.

**THTR–T 464 ProTools for Theatre and Music (3 cr.)** P: One course from T347, T447, or MUS A100. An introduction to the recording software ProTools for use in theatre sound design and music production.

**THTR–T 468 Non-Western Theatre and Drama (3 cr.)** **A & H, CSA** Dramatic literature and theatre in one or more of the following areas: China, Japan, Korea, India, or Southeast Asia.

**THTR–T 478 Methods and Materials for Teaching High School Theatre and Drama (3 cr.)** P: T378. Methods, techniques, content, and materials applicable to the teaching of theatre and drama in secondary, middle, and junior high schools.

**THTR–T 483 Topics in Theatre and Drama (1-3 cr.)** Studies in special topics not ordinarily covered in other departmental courses. May be repeated once for credit if topic differs.

**THTR–T 490 Independent Study in Theatre and Drama (1-6 cr.)** P: 12 credit hours in theatre and drama, departmental grade point average of 3.000 or above, consent of instructor. Readings, performances, experiments, and reports in area of student's special interest. May be repeated for a maximum of 6 credits.

**THTR–T 491 Working in the Profession (3 cr.)** P: T319. Preparation for a professional theatre career. Topics include auditions, managers, unions, finances, regional theatre, professional courtesy, and realities of the work environment.

**THTR–T 499 Reading, Research, Performance for Honors (1-12 cr.)** P: Approval of departmental honors advisor.

## Related Courses

In addition to the 33 credit hours of required courses that must be taken in the Department of Theatre and Drama, one or more of the following courses may complement the major in Theatre and Drama:

### African American and African Diaspora Studies

- A384 Blacks in American Drama and Theatre, 1945–Present (3 cr.) **A & H, CSA**
- A385 Seminar in Black Theatre (3 cr.) **A & H, CSA**

### Comparative Literature

- C311 Drama (3 cr.) **A & H**

### English

- L203 Introduction to Drama (3 cr.) **A & H**
- L220 Introduction to Shakespeare (3 cr.) **A & H**
- L308 Elizabethan and Seventeenth-Century Drama (3 cr.) **A & H**
- L313 Early Plays of Shakespeare (3 cr.) **A & H**
- L314 Late Plays of Shakespeare (3 cr.) **A & H**
- L363 American Drama (3 cr.) **A & H**
- L365 Modern Drama: Continental (3 cr.) **A & H**
- L366 Modern Drama: English, Irish, American, and Post-Colonial (3 cr.) **A & H**

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## West European Studies

### Introduction

West European Studies, a center in the College of Arts and Sciences, offers interdisciplinary programs that combine courses in the social sciences, humanities, and languages to give students a broad understanding of the countries of Western Europe and the European Union. The center offers two undergraduate minors: the West European studies minor and the European Union minor.

Both minors combine core courses with elective courses from other departments and schools.

Some courses to fulfill the minors are listed under "West European Studies"; others are offered through other departments. Students may earn both minors, but the minors may not be completed with the same courses. Students must meet with the West European Studies academic advisor to apply for the minors and to work out the course plan.

## Contact Information

West European Studies  
Indiana University  
Ballantine Hall 542  
Bloomington, IN 47405

(812) 855-3280

[west@indiana.edu](mailto:west@indiana.edu)

[www.iub.edu/~west](http://www.iub.edu/~west)

## Faculty

### Director

- Lois R. Wise (School of Public and Environmental Affairs)

### Chancellor's Professors

- Robert Fulk (English)
- Roy Gardner (Economics)

### Robert H. Shaffer Class of 1967 Endowed Chair

- William Corsaro (Sociology)

### Rudy Professors

- Karen Hanson (Philosophy)
- Jeffrey C. Isaac (Political Science)
- Rosemary Lloyd (French and Italian)
- Giancarlo Maiorino (Comparative Literature)

### Ameritech Endowed Chair

- David B. Audretsch (School of Public and Environmental Affairs)

### Roscoe C. O'Byrne Chair and Director of the Institute for Advanced Study

- Alfred Aman (Maurer School of Law)

### Distinguished Professors

- David Audretsch (School of Public and Environmental Affairs)
- Alan Rugman (Kelley School of Business)

### Professors

- George Alter (History)
- Matt Auer (School of Public and Environmental Affairs)
- Michael Berkvam (Emeritus, French and Italian)
- Domenico Bertoloni Meli (History and Philosophy of Science)
- Maryellen Bieder (Spanish and Portuguese)
- Jack Bielasiak (Political Science)
- Hannah Buxbaum (Maurer School of Law)
- Gilbert Chaitin (French and Italian)
- Linda Charnes (English)
- Andrea Ciccarelli (French and Italian)
- Allen Douglas (History)
- Dyan Elliott (History)
- Michelle Facos (History of Art)
- David Fidler (Maurer School of Law)
- Arthur Field (History)
- Jane Fulcher (Jacobs School of Music)
- Kari Gade (Germanic Studies)
- Gerhard Glomm (Economics)
- John Graham (School of Public and Environmental Affairs)

- Kirstin Grønberg (School of Public and Environmental Affairs)
- Jeffrey Hart (Political Science)
- David Hertz (Comparative Literature)
- Carl Ipsen (History)
- Janet Kennedy (Fine Arts)
- Dov-Ber Kerler (Germanic Studies)
- W. Eugene Kleinbauer (Emeritus, Fine Arts)
- Daniel C. Knudsen (Geography)
- Catherine Larson (Spanish and Portuguese)
- Eric MacPhail (French and Italian)
- Jacques Merceron (French and Italian)
- Emanuel Mickel (French and Italian)
- Richard Nash (English)
- David Pace (History)
- William Rasch (Germanic Studies)
- Alvin Rosenfeld (English, Jewish Studies)
- Darlene Sadlier (Spanish and Portuguese)
- William Scheuerman (Political Science)
- Rex Sprouse (Germanic Studies)
- H. Wayne Storey (French and Italian, Medieval Studies)
- Terence Thayer (Emeritus, Germanic Studies)
- Stephen Watt (English)
- Lois R. Wise (School of Public and Environmental Affairs)

### Associate Professors

- Guillaume Ansart (French and Italian)
- Julie Auger (French and Italian)
- Joëlle Bahloul (Jewish Studies, Anthropology)
- Claudia Breger (Germanic Studies)
- Fritz Breithaupt (Germanic Studies)
- Bonnie Brownlee (School of Journalism)
- Michel Chaouli (Germanic Studies)
- Aurelian Craiutu (Political Science)
- Laurent Dekydtspotter (French and Italian)
- Melissa Dinverno (Spanish and Portuguese)
- Lynn Duggan (Labor Studies)
- Mary Favret (English)
- Kimberly Geeslin (Spanish and Portuguese)
- Margaret Gray (French and Italian)
- Owen V. Johnson (School of Journalism)
- Herbert Marks (Comparative Literature)
- Laise McCarty (School of Education)
- Patricia McManus (Sociology)
- Angela Pao (Comparative Literature)
- Bret Rothstein (Fine Arts)
- Massimo Scalabrini (French and Italian)
- Leah Shopkow (History)
- Margaret Sutton (School of Education)
- Steven Wagschal (Spanish and Portuguese)

### Assistant Professors

- Timothy Hellwig (Political Science)
- Edgar Illas (Spanish and Portuguese)
- Hugh Kelley (Economics)
- Oana Panaité (French and Italian)
- Abdulkader Sinno (Political Science)
- Beate Sissenich (Political Science)
- Estella Vieira (Spanish and Portuguese)

- Reyes Vila-Belda (Spanish and Portuguese)
- Brigitta Wagner (Germanic Studies)
- Rebecca Wilkin (French and Italian)

#### Lecturers

- Esther Ham (Germanic Studies)
- Franklin Hess (West European Studies)
- Gergana May (Germanic Studies)

#### Academic Advising

- Amanda Smith, Ballantine Hall 542, (812) 855-3280, [west@indiana.edu](mailto:west@indiana.edu)

### Minor in West European Studies

Students take one core course in political science, and a total of four elective courses selected from the social sciences and humanities, along with a language, to complete the minor. Students must meet with the West European studies academic advisor to apply for acceptance.

#### Required Courses

Students must complete the following:

1. W301 or POLS Y335 or Y350.
2. One W405 or cross-listed equivalent.
3. One W406 or cross-listed equivalent.
4. Two additional West European Studies courses, or cross-listed equivalents.
5. Four semesters of a West European language or equivalent.

With the approval of the undergraduate advisor, students may use one approved Topics course (COLL E103 or E104) to fulfill requirement 4 above. A list of current cross-listed courses is available through the advisor.

### Minor in European Union Studies

#### Purpose

On May 1, 2004, the European Union admitted 10 new members; it now spans from Western Europe to the Baltic Region, Eastern and Central Europe, and to Cyprus. The new Europe manifests itself in different ways—through integrated economic markets, Europe-wide elections, evolving political institutions, and emerging European identity. The European Union minor seeks to address these issues by equipping students with the analytical tools to deal with the "making of the European Union."

Students take one core course in each of three areas and 9 elective credits selected in consultation with the advisor, along with a language, to complete the minor. Students must meet with the West European studies academic advisor to apply for acceptance.

#### Required Courses

Eighteen credit hours of course work to be distributed as follows, plus a language requirement. At least 9 credit hours must be at the 300 or 400 level.

1. Students must take one course from each of the three areas of concentration (Politics/Public Policy, Economics/Business, and Culture/Identity):

#### Politics/Public Policy

- POLS-Y 351/WEUR-W 304 Model European Union (3 cr.)

- POLS-Y 350 European Integration/WEUR-W 405 Special Topics in West European Studies Topic: Politics of the European Union (3 cr.)
- POLS-Y 335 Western European Politics/ WEUR-W 301 Modern European Politics and Society (3 cr.)

#### Economics/Business

- BUS-G 494 Public Policy and the International Economy (3 cr.)
- ECON-E 390 Undergraduate Seminar Topic: Economics of European Integration (3 cr.)

#### Culture/Identity

- GEOG-G 428/WEUR-W 405 Special Topics in West European Studies Topic: Geography of Europe (3 cr.)
- WEUR-W 405 Special Topics in West European Studies Topic: The Idea of Europe (3 cr.)
- GER-G 394/WEUR-W 406 Special Topics in West European Studies Topic: The Idea of Europe: Order and Identity (3 cr.)

2. Students take another 9 elective credit hours. The elective requirement can be met in two ways:

- Taking additional courses from core courses; **or**
- Taking courses selected from the numerous course offerings listed by West European Studies, the Russian and East European Institute, and Central Eurasian Studies. If the elective requirement is filled with two or more area studies courses, one elective must be related to Eastern/Central Europe and one to Western Europe

3. Students are required to complete two years of study of one of the languages of the European Union member countries other than their native language.

Note that students must complete a minimum of 15 credit hours in College of Arts and Sciences courses within the 18 credit hours for the minor.

### Course Descriptions

**WEUR-W 210 Honors Seminar (3 cr.)** Intensive examination of selected topics for freshman and sophomore honors students. Emphasis on critical discussion and preparation of papers. May be repeated once for credit.

**WEUR-W 301 Modern European Politics and Society (3 cr.) (POLS Y335) S & H, CSB** The politics, economics, and social structures of Western European countries. Examination of selected domestic and international issues, including the welfare states, the European community, and West-East European relations.

**WEUR-W 304 Model European Union (1-3 cr.) (POLS Y351)** A course with two interrelated parts. The first involves an analysis of the decision-making powers of the European Union (EU). This analysis then leads to a formal simulation of the EU. This course may be repeated for credit, for a maximum of 3 credit hours.

**WEUR-W 325 European Issues Enhanced by European Language Discussion (1-3 cr.)** P: Language proficiency in target language equivalent to completion of fourth semester, or consent of instructor. C: Host course

specified each semester. Seminar taught in a European language in conjunction with a subject course on a topic related to Western Europe. Topic and language vary. May be repeated with a different topic for a maximum of 3 credit hours.

**WEUR-W 401 Topics in European Intellectual History (3 cr.) S & H** A survey of modern European intellectual history from the French Revolution to the present. Open to advanced undergraduate and graduate students.

**WEUR-W 405 Special Topics in West European Studies (3 cr.) S & H** Selected ideas, trends, and problems in contemporary Western Europe from the perspective of social and behavioral sciences. Specific topics will be announced each semester. I Sem., II Sem.

**WEUR-W 406 Special Topics in West European Studies (3 cr.) A & H** Selected ideas, trends, and problems in contemporary Western Europe from the perspective of arts and humanities. Specific topics will be announced each semester. I Sem., II Sem., SS.

**WEUR-W 415 Individual Readings in West European Studies (1-3 cr.) P:** consent of instructor and chairperson. I Sem., II Sem., SS.

**WEUR-W 496 Foreign Study of Western Europe (3-8 cr.) P:** Consent of chairperson. Planning of research project during summer or semester preceding year or summer abroad. Time spent in research abroad must amount to at least one week for each credit hour granted. Research paper must be presented by end of semester following foreign study. May only be taken once. I Sem., II Sem., SS.

### Modern Greek

**WEUR-E 100 Beginning Modern Greek I (4 cr.)** A rapid survey of fundamentals designed to acquaint the student with the oral and written language. Especially useful for those planning to study or travel in Greece and for those planning to read modern Greek literature. I Sem.

**WEUR-E 150 Beginning Modern Greek II (4 cr.)** P: E100 or equivalent. Second semester of a rapid survey of fundamentals designed to acquaint the student with the oral and written language. Especially useful for those planning to study or travel in Greece and for those planning to read modern Greek literature. II Sem.

**WEUR-E 200 Intermediate Modern Greek I (3 cr.)** P: E150 or equivalent. Completion of grammar and syntax not covered in E100-E150 and practice in reading selections from a number of modern writers. I Sem.

**WEUR-E 250 Intermediate Modern Greek II: An Introduction to Modern Greek Culture (3 cr.)** P: E200 or equivalent. Continuation of first-semester E200 Second-Year Modern Greek. Students enrolling must have either taken E200 or placement exam. Course will build on language skills acquired during first semester. This will involve covering more advanced grammar and vocabulary, and developing writing skills. Emphasis placed on verbal expression.

**WEUR-E 300 Advanced Modern Greek I: Cultural Literacy and Current Events (3 cr.)** P: E250 or equivalent. Assists advanced students in developing both their communicative competency in modern Greek and their awareness of Greek culture and society. The

emphasis on popular culture begun in E250 continues and is augmented by an emphasis on current events.

**WEUR-E 350 Advanced Modern Greek II: Literature, History, and Cinema (3 cr.)** P: E300 or equivalent. **A & H, CSB** Assists advanced students in developing both their communicative competency and their awareness of Greek culture and history. Focuses on improving language skills by engaging Greek history through literature and cinema.

**WEUR-E 406 Topics in Modern Greek Culture (3 cr.)** **A & H** Selected ideas, trends, and problems in modern Greek culture from the perspective of the arts and humanities. Specific topics will be announced each semester. May be repeated with a different topic for a maximum of 6 credit hours.

## Joint-Listed Courses

*The following courses may be joint-listed with West European Studies course number W405.*

### Economics

- E390 Economics of European Integration (3 cr.) **S & H**

### Geography

- G428 Geography of Europe (3 cr.) **S & H, CSB**

### Germanic Studies

- E341 Dutch Culture: The Modern Netherlands (3 cr.) **S & H, CSB**

### History

- B300 Issues in Western European History (3 cr.) **S & H**
- B303 Issues in Modern European History **S & H**
- B357 Modern France (3 cr.) **S & H, CSB**
- B361-B362 Europe in the Twentieth Century I-II (3-3 cr.) **S & H**
- B366 Paris and Berlin in the 1920s (3 cr.) **S & H, CSB**
- B368 Modern Italy (3 cr.) **S & H, CSB**
- B377 History of Germany since 1648 I (3 cr.) **S & H, CSB**
- B378 History of Germany since 1648 II (3 cr.) **S & H, CSB**

### Political Science

- Y335 Western European Politics (3 cr.) **S & H, CSB**
- Y347 German Politics (3 cr.) **S & H, CSB**
- Y350 Politics of the European Union (3 cr.) **S & H**
- Y401 Topics in Political Science (Europe) (3 cr.) **S & H**

*The following courses may be joint-listed with West European Studies course number W406:*

### Communication and Culture

- C393-C394 History of European and American Films I-II (Europe) (3-3 cr.) **A & H, CSB**
- C398 National Cinemas (3 cr.) **A & H**

### Comparative Literature

- C355 Literature, the Arts, and Their Interrelationship (3 cr.) **A & H**

**French and Italian**

- M311 Contemporary France: Film and Culture (3 cr.) **A & H, CSB**
- M390 Studies in the Italian Film (3 cr.) **A & H, CSB**
- M450 Seminar in Italian Literature (up to 6 cr.) **A & H**

**Germanic Studies**

- E323 German Film Culture (3 cr.) **A & H, CSB**
- E342 The Golden Age of Dutch Culture (3 cr.) **A & H, CSB**
- G418 German Film and Popular Culture (3 cr.) **A & H, CSB**

**Political Science**

- Y381 Classical Political Thought (3 cr.) **A & H, CSA**
- Y382 Modern Political Thought (3 cr.) **A & H, CSB**

**Cross-Listed Courses**

The following represents a list of courses considered cross-listed equivalents. Any of these courses may count toward the WEST minor. Courses approved for **S & H** (social and historical studies) distribution may replace the W405 requirement, and courses approved for **A & H** (arts and humanities) distribution may replace the W406 requirement for the minor. All courses may count as electives. Courses not listed below may be considered if approval is granted by the West European Studies advisor.

**Anthropology**

- E303 Introduction to Social and Cultural Anthropology (3 cr.) **S & H**
- E332 Jewish Women: Anthropological Perspectives (3 cr.) **S & H, CSA**
- E387 The Ethnography of Europe (3 cr.) **S & H, CSB**

**Apparel Merchandising and Interior Design**

- D365 Architectural, Interior, and Furniture Design Studies (3 cr.) **S & H**
- F311 History of Dress (3 cr.)
- F340 History of Fashion (3 cr.)
- R404 International Textiles and Apparel Trade (3 cr.)

**Central Eurasian Studies**

- R302 Finland in the Twentieth Century (3 cr.) **S & H**
- U436 Finnish Civilization to 1800 (3 cr.) **S & H**

**Comparative Literature**

- C310 Literature and Film (3 cr.) **A & H**
- C311 Drama (3 cr.) **A & H**
- C313 Narrative (3 cr.) **A & H**
- C315 Lyric Poetry (3 cr.) **A & H**
- C318 Satire (3 cr.) **A & H**
- C325 The Renaissance (3 cr.) **A & H, CSA**
- C329 The Eighteenth Century (3 cr.) **A & H, CSB**
- C333 Romanticism (3 cr.) **A & H, CSB**
- C335 Realism, Naturalism, and Symbolism (3 cr.) **A & H, CSB**
- C337 The Twentieth Century: Tradition and Change (3 cr.) **A & H, CSB**
- C347 Literature and Ideas (3 cr.) **A & H, CSB**
- C365 Seminar in Czech and Central European Literatures and Cultures (3 cr.) (West European content) **A & H, CSA**

- C377 Topics in Yiddish Literature (3 cr.) **A & H, CSA**
- C378 Topics in Yiddish Culture (3 cr.) **A & H, CSA**
- C400 Studies in Comparative Literature (Modern Europe) (3 cr.) **A & H**

**Economics**

- E303 Survey of International Economics (3 cr.) **S & H**

**English**

- E301 Literatures in English to 1600 (3 cr.) **A & H**
- E302 Literatures in English, 1600–1800 (3 cr.) **A & H**
- E303 Literatures in English, 1800–1900 (3 cr.) **A & H**
- E304 Literatures in English, 1900–Present (3 cr.) **A & H**
- L305 Chaucer (3 cr.) **A & H**
- L306 Middle English Literature (3 cr.) **A & H**
- L308 Elizabethan and Seventeenth-Century Drama (3 cr.) **A & H**
- L309 Elizabethan Poetry (3 cr.) **A & H**
- L313 Early Plays of Shakespeare (3 cr.) **A & H**
- L314 Late Plays of Shakespeare (3 cr.) **A & H**
- L317 English Poetry of the Early Seventeenth Century (3 cr.) **A & H**
- L318 Milton (3 cr.) **A & H**
- L320 Restoration and Early Eighteenth-Century Literature (3 cr.) **A & H**
- L327 Later Eighteenth-Century Literature (3 cr.) **A & H**
- L332 Romantic Literature (3 cr.) **A & H**
- L335 Victorian Literature (3 cr.) **A & H**
- L345 Twentieth-Century British Poetry (3 cr.) **A & H**
- L346 Twentieth-Century British Fiction (3 cr.) **A & H**
- L347 British Fiction to 1800 (3 cr.) **A & H**
- L348 Nineteenth-Century British Fiction (3 cr.) **A & H**
- L365 Modern Drama: Continental (3 cr.) **A & H**
- L366 Modern Drama: English, Irish, American, and Post-Colonial (3 cr.) **A & H**
- L369 Studies in British and American Authors (3 cr.) **A & H**
- L373 Interdisciplinary Approaches to English and American Literature I (3 cr.) **A & H**
- L375 Studies in Jewish Literature (3 cr.) **A & H, CSA**
- L378 Studies in Women and Literature (3 cr.) **A & H**
- L380 Literary Modernism (3 cr.) **A & H**
- L383 Studies in British or Commonwealth Culture (3 cr.) **A & H**
- L389 Feminist Literary and Cultural Criticism (3 cr.) **A & H**
- L390 Children's Literature (3 cr.) **A & H**
- L395 British and American Film Studies (3 cr.) **A & H**
- L450 Seminar: British and American Authors (3 cr.)

**Fine Arts**

- A226 Survey of Medieval Art (3 cr.) **A & H, CSA**
- A231 The Age of Giants: Art in the Time of Leonardo and Michelangelo (3 cr.) **A & H, CSA**
- A233 Renaissance and Baroque Art in Italy, 1250–1700 (3 cr.) **S & H, CSA**
- A234 Renaissance Florence (3 cr.) **A & H, CSA**
- A310 Topics in Ancient Art (3 cr.) **A & H**

- A311 The Art of the Classical Age of Greece (3 cr.) **S & H, CSA**
- A312 The Art of the Roman Empire from Augustus to Constantine (3 cr.) **S & H**
- A313 Greek Pottery and Painting (3 cr.)
- A314 History of Greek Sculpture (3 cr.)
- A316 Ancient Art from Alexander the Great to Augustus (3 cr.) **A & H**
- A321 Early Medieval Art (3 cr.) **S & H, CSA**
- A322 Romanesque and Gothic Art (3 cr.) **S & H**
- A323 Illuminated Manuscripts in the Middle Ages: Form, Function, and Audience (3 cr.) **A & H**
- A324 The Gothic Cathedral (3 cr.)
- A325 Medieval Architecture (3 cr.) **S & H**
- A329 Topics in Medieval Art (3 cr.) **A & H**
- A330 Art of Renaissance and Baroque (3 cr.) **S & H**
- A331 Fourteenth- and Fifteenth-Century Art in Italy (3 cr.) **S & H**
- A332 Sixteenth- and Seventeenth-Century Art in Southern Europe (3 cr.) **S & H**
- A333 From Van Eyck to Vermeer (3 cr.) **S & H**
- A334 High Renaissance and Mannerism: Italian Art, 1490–1590 (3 cr.) **S & H**
- A335 Baroque Art in Italy, 1580–1700 (3 cr.) **S & H**
- A337 Age of Rubens and Rembrandt (3 cr.) **S & H, CSA**
- A340 Topics in Modern Art (3 cr.)
- A341 Nineteenth-Century European Art (3 cr.) **S & H**
- A342 Twentieth-Century Art (3 cr.) **S & H, CSB**
- A347 Picasso (3 cr.) **A & H**
- A349 Dada and Surrealism (3 cr.) **A & H**
- A410 Topics in Ancient Art (4 cr.)
- A412 (CLAS C412) The Art and Archaeology of the Aegean (3 cr.) **A & H, CSA**
- A413 (CLAS C413) The Art and Archaeology of Greece (3 cr.) **A & H**
- A414 (CLAS C414) The Art and Archaeology of Rome (3 cr.) **A & H**
- A415 Roman Painting (4 cr.) **S & H**
- A416 Greek Architecture (4 cr.)
- A417 Roman Sculpture (4 cr.) **S & H**
- A418 Roman Architecture (4 cr.)
- A421 Early Christian Art (4 cr.) **S & H**
- A423 Romanesque Art (4 cr.) **S & H**
- A424 Gothic Art (4 cr.) **S & H**
- A425 Byzantine Art (4 cr.) **S & H**
- A426 The Medieval City (3 cr.) **S & H**
- A432 Sixteenth-Century Art in Northern Italy (4 cr.)
- A436 Italian Art of the Fifteenth Century (4 cr.) **S & H**
- A437 Fifteenth-Century Netherlandish Visual Culture (4 cr.) **S & H**
- A440 Nineteenth-Century Painting (4 cr.) **CSB**
- A441 Nineteenth-Century Painting II (4 cr.) **CSB**
- A442 Twentieth-Century Art, 1900–1924 (4 cr.) **CSB**
- A449 Twentieth-Century Art, 1925–1970 (4 cr.)
- A450 History of Photography (4 cr.)

#### **Folklore and Ethnomusicology**

- F312 European Folklore/Folklife/Folk Music (3 cr.) **A & H, CSB**

#### **French and Italian**

- F300 Reading and Expression in French (3 cr.) **A & H**
- S300 Reading and Expression in FrenchMHonors (3 cr.) **A & H**
- F303 Theatre and the Essay: Form, Themes, and Ideas (3 cr.) **A & H**
- F304 Novel and Poetry: Form, Themes, and Ideas (3 cr.) **A & H**
- F305 Théâtre et essai (3 cr.) **A & H**
- F306 Roman et poésie (3 cr.) **A & H**
- F310 Topics in French Literature in Translation (3 cr.) **A & H, CSB** (Topics vary.)
- F313 Advanced Grammar (3 cr.)
- F314 Advanced Composition (3 cr.)
- F315 Phonetics and Pronunciation (3 cr.)
- F316 Conversational Practice (3 cr.)
- F317 French in the Business World (3 cr.) **S & H**
- F361 La France medievale (jusqu'à 1500) (3 cr.) **A & H, CSA**
- F362 La France 1500–1800 (3 cr.) **A & H, CSB**
- F363 La France 1800–Aujourd'hui (3 cr.) **A & H, CSB**
- F375 Thèmes et perspectives littéraires (3 cr.) **A & H, CSB**
- F401 Structure and Development of French (3 cr.)
- F402 Introduction to French Linguistics (3 cr.)
- F410 French Literature of the Middle Ages (3 cr.) **A & H, CSA**
- F413 French Renaissance (3 cr.) **A & H**
- F423 Seventeenth-Century French Literature (3 cr.)
- F424 Ideas and Culture in Seventeenth-Century France (3 cr.)
- F435 Enlightenment Narrative (3 cr.) **A & H**
- F436 Voltaire, Diderot, and Rousseau (3 cr.) **A & H**
- F443 Great Novels of the Nineteenth Century (3 cr.) **A & H**
- F445 Nineteenth-Century Drama (3 cr.)
- F446 Great Poetry of the Nineteenth Century (3 cr.) **A & H**
- F450 Colloquium in French Studies—Tradition and Ideas (3 cr.) **A & H, CSA**
- F451 Colloquium in French Studies—Literature and Arts (3 cr.) **A & H, CSB**
- F453 Le Roman au 20e siècle I (3 cr.) **A & H, CSB**
- F454 Le Roman au 20e siècle II (3 cr.)
- F456 La Poésie au 20e siècle (3 cr.) **A & H**
- F459 Le Théâtre au 20e siècle (3 cr.) **A & H, CSB**
- F461 La France contemporaine: cinema et culture (3 cr.) **CSB**
- F463 Civilization française I (3 cr.) **CSA**
- F464 Civilization française II (3 cr.) **CSB**
- F474 Thème et version (3 cr.)
- M234 Florence in Florence (3 cr.) **A & H, CSA**
- M235 Rome, the City and the Myth (3 cr.) **A & H, CSB**
- M300 Italian Conversation and Diction (3 cr.)
- M301 Italian Reading and Expression (4 cr.)
- M305 Civiltà italiana moderna (3 cr.) **A & H, CSB**
- M306 Italian Short Stories from the Political Unification to the Present (3 cr.) **A & H, CSB**



- M307 Masterpieces of Italian Literature I (3 cr.) **A & H, CSA**
- M308 Masterpieces of Italian Literature II (3 cr.) **A & H, CSB**
- M333 Dante and His Times (3 cr.) **A & H, CSA**
- M334 Power and Imagination in Italy (3 cr.) **A & H**
- M345 Italian Renaissance Art and Literature (3 cr.) **A & H, CSA**
- M403 Italian Renaissance Literature (3 cr.) **A & H**
- M435 Theatre Workshop (3 cr.)
- M445 Risorgimento (3 cr.) **A & H, CSA**
- M446 Nineteenth-Century Italian Literature **A & H** (3 cr.)
- M453 Twentieth-Century Italian Literature and Culture (3 cr.) **A & H**
- M455 Readings in the Italian Cinema (3 cr.) **A & H**
- M456 Il Decadentismo Italiano (3 cr.) **A & H**
- M463 Contemporary and Popular Italian Culture (3 cr.) **A & H, CSB**
- M474 Temi e versioni (2–4 cr.)

### **Gender Studies**

- G290 History of Feminist Thought and Practice (3 cr.) **A & H**

### **Germanic Studies**

- G300 Fifth-Semester College German (3 cr.)
- G305 Introduction to German Literature: Types (3 cr.) **A & H**
- G306 Introduction to German Literature: Themes (3 cr.) **A & H**
- E322 German Cultural History (3 cr.) **A & H, CSB**
- G330 Sixth-Semester College German (3 cr.)
- E351 Topics in Yiddish Literature (3 cr.) **A & H, CSA**
- E352 Topics in Yiddish Culture (3 cr.) **A & H, CSA**
- E361 Vikings and Sagas (3 cr.) **A & H**
- G362 Introduction to Contemporary Germany (3 cr.) **S & H, CSB**
- G363 Introduction to German Cultural History (3 cr.) **A & H, CSB**
- G375 Conversational German (2 cr.)
- G396 German Language Abroad (1–6 cr.)
- G400 Advanced College German (3 cr.)
- G403 Medieval German Literature (3 cr.) **A & H**
- G404 Modern German Literature (3 cr.) **A & H**
- G415 Perspectives on German Literature (3 cr.) **A & H**
- G416 Studies in German Authors (3 cr.) **A & H**
- G421 Contemporary Germany: Overview (3 cr.) **S & H, CSB**
- G424 Literature and Society since 1945 (3 cr.) **A & H, CSB**
- G448 Introduction to German Phonetics and Phonology (3 cr.) **N & M**
- G451 Introduction to German Syntax (3 cr.) **N & M**
- G458 Introduction to German Morphology (3 cr.) **N & M**
- G464 German Culture and Society (3 cr.) **S & H, CSB**

### **History**

- B321 European Jews in the Age of Discovery (3 cr.) **S & H, CSA**
- B322 Jews in the Modern World (3 cr.) **S & H, CSA**
- B323 History of the Holocaust (3 cr.) **S & H, CSA**
- B324 Zionism and the State of Israel (3 cr.) **S & H, CSA**
- B351 Western Europe in the Early Middle Ages (3 cr.) **S & H, CSA**
- B352 Western Europe in the High and Later Middle Ages (3 cr.) **S & H, CSA**
- B353 The Renaissance (3 cr.) **S & H, CSA**
- B354 The Reformation (3 cr.) **S & H, CSA**
- B356 French Revolution and Napoleon (3 cr.) **S & H, CSA**
- B358 The Industrial Revolution and the Economic Development of Europe (3 cr.) **S & H**
- B359-B360 Europe from Napoleon to the First World War I–II (3–3 cr.) **S & H, CSB**
- B400 Issues in Western European History (3 cr.) **S & H**
- J400 Seminar in History (3 cr.) **S & H**
- W325 World War II: The Peoples (3 cr.) **S & H**

### **History and Philosophy of Science**

- X338 Science and Religion (3 cr.) **A & H**
- X370 Science and Gender (3 cr.) **S & H**
- X371 Topics in the Science of Sex and Gender (3 cr.) **S & H**
- X390 Space, Time, and Relativity (3 cr.) **A & H**
- X451 Scientific Understanding (3 cr.) **A & H**
- X452 Modern Philosophy of Science (3 cr.) **A & H**
- X456 Philosophy of Science in Antiquity (3 cr.) **A & H**

### **International Studies**

- I300 Topics in International Studies (W. European Topics) (3 cr.)
- I325 International Issues through Foreign Languages (W. European Topics) (1 cr.)

### **Medieval Studies**

- M390 Studies in Medieval Culture (3–4 cr.) **CSA**
- M490 Topics in Medieval Studies (2–4 cr.)

### **Philosophy**

- P201 Ancient Greek Philosophy (3 cr.) **A & H, CSA**
- P205 Modern Jewish Philosophy (3 cr.) **A & H, CSA**
- P211 Modern Philosophy: Descartes through Kant (3 cr.) **A & H**
- P301 Medieval Philosophy (3 cr.) **A & H, CSA**
- P304 Nineteenth-Century Philosophy (3 cr.) **A & H**
- P305 Topics in the Philosophy of Judaism (3 cr.) **A & H, CSA**
- P330 Marxist Philosophy (3 cr.) **A & H**
- P332 Feminism and Value (3 cr.) **A & H**
- P335 Phenomenology and Existentialism (3 cr.) **A & H**
- P340 Classics in Ethics (3 cr.) **A & H**
- P343 Classics in Social and Political Philosophy (3 cr.) **A & H**

- P345 Problems in Social and Political Philosophy (3 cr.) **A & H**
- P346 Classics in Philosophy of Art (3 cr.) **A & H**
- P347 Contemporary Controversies in Philosophy of Art (3 cr.) **A & H**
- P371 Philosophy of Religion (3 cr.) **A & H**

### **Political Science**

- Y351 Political Simulations (Model EU) (1–3 cr.)
- Y352 The Holocaust and Politics (3 cr.) **S & H, CSA**
- Y353 The Politics of Gender and Sexuality **S & H, CSA**
- Y361 Contemporary Theories of International Politics (3 cr.) **S & H**
- Y362 International Politics of Selected Regions (Europe) (3 cr.) **S & H**
- Y363 Comparative Foreign Policy (3 cr.) **S & H**
- Y372 The Analysis of International Politics (3 cr.) **S & H**
- Y375 War and International Conflict (3 cr.) **S & H**
- Y376 International Political Economy (3 cr.) **S & H**

### **Religious Studies**

- A350 Christianity, 400–1500 (3 cr.) **A & H, CSA**
- A351 Christianity, 1500–2000 (3 cr.) **A & H**
- A420 Religions of Ancient Rome (3 cr.) **A & H, CSA**
- A426 Gnostic Religion and Literature (3 cr.) **A & H, CSA**
- A450 Topics in the History of Christianity (West European Topics) (3 cr.) **A & H, CSA**
- D301 Religion and Its Critics (3 cr.) **A & H**
- D310 Contemporary Religious Thought (3 cr.) **A & H**
- D330 From Christian Ethics to Social Criticism I (3 cr.) **A & H, CSA**
- D331 From Christian Ethics to Social Criticism II (3 cr.) **A & H**
- D355 Love and Justice (3 cr.) **A & H**
- D360 War and Peace in Western Religion (3 cr.) **A & H**
- D362 Religious Issues in Contemporary Judaism (West European Topics) (3 cr.) **A & H, CSA**
- D370 Topics in Gender and Western Religions (West European Topics) (3 cr.) **A & H**
- D380 Comparative Study of Religious Phenomena (West European Topics) (3 cr.) **A & H**

### **Spanish and Portuguese**

- S315 Spanish in the Business World (3 cr.)
- S317 Spanish Conversation and Diction (3 cr.)
- S326 Introduction to Hispanic Linguistics (3 cr.) **N & M**
- S407 Survey of Spanish Literature I (3 cr.) **A & H**
- S408 Survey of Spanish Literature II (3 cr.) **A & H**
- S411 Spain: The Cultural Context (3 cr.) **A & H, CSB**
- S417 Hispanic Poetry (3 cr.) **A & H**
- S418 Hispanic Drama (3 cr.) **A & H**
- S419 Modern Spanish Prose Fiction (3 cr.) **A & H**
- S421 Advanced Grammar and Composition (2 cr.)
- S423 The Craft of Translation (3 cr.)
- S425 Spanish Phonetics (3 cr.) **N & M**
- S450 *Don Quixote* (3 cr.) **A & H**
- S470 Women and Hispanic Literature (3 cr.) **A & H**

- S473 Hispanic Literature and Literary Theory (3 cr.) **A & H**
- S474 Hispanic Literature and Society (3 cr.) **A & H**
- S495 Hispanic Colloquium (West European Topic) (1N3 cr.)
- C400 Catalan Language and Culture I (3 cr.)
- C450 Catalan Literature (3 cr.) **A & H**
- P311 Advanced Grammar and Composition in Portuguese (3 cr.)
- P317 Reading and Conversation in Portuguese (3 cr.)
- P400 Literatures of the Portuguese-Speaking World I (3 cr.) **A & H, CSA**
- P401 Literatures of the Portuguese-Speaking World II (3 cr.) **A & H, CSA**
- P405 Literature and Film in Portuguese (3 cr.) **A & H, CSA**
- P425 Structure of Portuguese Language (3 cr.)
- P470 Poetry in Portuguese (3 cr.) **A & H, CSA**
- P475 Theatre in Portuguese (3 cr.) **A & H, CSA**

### **Telecommunications**

- T313 Comparative Media Systems (3 cr.) **S & H**
- T427 International Telecommunications (3 cr.) **S & H**

### **Theatre and Drama**

- T323 Costume and Character in London Theatre (3 cr.)
- T370–T371 History of Theatre and Drama I–II (3–3 cr.) **A & H, CSA**
- T461–T462 Development of Dramatic Art II–III (3–3 cr.) **A & H, CSB**

### **Kelley School of Business**

- D300 International Business Administration (3 cr.)
- D301 International Business Environment (3 cr.)
- D302 International Business: Operating International Enterprises (3 cr.)
- F494 International Finance (3 cr.)
- G494 Public Policy and the International Economy (3 cr.)

### **School of Education**

- H340 Education and American Culture (3 cr.)

### **School of Journalism**

- J414 International News-Gathering Systems (3 cr.)
- J460 Reporting Foreign Affairs (3 cr.)
- J462 History of Twentieth-Century Photography (3 cr.)

### **Jacobs School of Music**

- M401–M402 History and Literature of Music I–II (4–4 cr.) **A & H**
- M410 Composer or Genre (West European Topics) (3 cr.)
- Z301 Rock Music in the '70s and '80s (3 cr.) **A & H**
- Z401 The Music of the Beatles (3 cr.) **A & H**

## Distinctions & Opportunities

### Academic Distinctions

#### Dean's List

Each regular semester (excluding summer sessions), the College of Arts and Sciences recognizes those students whose semester GPA qualifies them for the Dean's List. Students who qualify will be notified of this honor. Eligibility requirements include completion of at least 12 graded credit hours in each semester under review, and earning a minimum of a 3.700 semester GPA.

#### Degrees Awarded with Distinction

The College recognizes outstanding performance in course work by awarding Bachelor's degrees with three levels of distinction: Distinction, High Distinction, and Highest Distinction. Students must have a minimum of 60 graded credit hours at Indiana University to be considered for degrees with distinction.

#### Departmental Honors Programs

Most departments in the College of Arts and Sciences offer honors programs for outstanding students who have the opportunity to take advanced seminars as well as pursue independent study and research. Honors programs vary among departments; they may include comprehensive exams, theses, research projects, and creative endeavors.

Honors programs may require:

1. Participation in some phase of honors course work (seminars, tutorials, and courses of independent study) each semester of the last two years.
2. An independent project of research, study, or creative achievement, culminating in a paper, laboratory problem, field research problem, or creative effort. Students wishing to earn honors in two different departments must complete a distinct body of work for each honors notation.
3. A comprehensive examination, given in the last semester of the senior year, covering the work of the concentration group. It may be oral, written, or both, as the department desires. One faculty member outside the student's major field is always asked to participate.

Students must have a minimum College grade point average of 3.300 and the approval of the department chairperson or departmental honors committee for admission, and they must maintain this minimum average to graduate with honors. A potential candidate for honors should consult as soon as possible with the departmental honors advisor or the chairperson of the department about requirements. Students wishing to earn honors in two different departments must complete a distinct body of work for each honors notation.

Honors work is often done under the course numbers 399 for juniors and 499 for seniors. The number of credit hours earned under these two course numbers is determined by the departmental honors committee, but it normally should not exceed a maximum total of 15 credit hours.

### Hutton Honors College

Indiana University offers the Edward L. Hutton Honors College Program in an effort to present challenging educational opportunities to superior students. The Hutton Honors College has designed a variety of honors experiences for qualified students. In addition to providing students with special sections of traditional departmental courses, the Hutton Honors College offers its own innovative seminar experiences. Specially chosen honors advisors assist students with course planning and help incorporate honors opportunities into advisees' undergraduate experiences. Students in the Hutton Honors College are not required to enroll in specific courses, although those matriculating in the Fall Semester 2010 and thereafter must complete at least two approved honors courses by the time they have earned 90 credit hours. In addition to the two required courses, students have the option of earning a General Honors Notation through the Hutton Honors College and/or an honors degree through their major department or school. Students should contact the Hutton Honors College, 811 East Seventh Street, (812) 855-3555, for further information.

#### Recognition in General Honors

Hutton Honors College students may pursue departmental honors programs in the College of Arts and Sciences; they may also, if they choose, earn a General Honors Notation on their official transcript and diploma. In order to earn this designation, students must successfully complete the following general requirements of the Hutton Honors College and be in good standing in the Hutton Honors College:

1. Each student must complete, with a minimum grade point average of 3.400, a general honors curriculum consisting of a minimum of 21 credit hours of honors courses approved by the Hutton Honors College, including at least two, 3-credit Hutton Honors College courses with the HON-H prefix.
2. Each student must have a minimum cumulative grade point average of 3.400 at graduation.

#### Honors Seminars and Special Sections

Honors seminars provide a small-class experience in which students and faculty members explore how scholars and practitioners frame questions, use strategies and methods to uncover answers, and assess the validity of competing approaches. More advanced seminars offer opportunities for study and research on specialized topics. Many departments reserve special sections or seminars for Hutton Honors College students and for other students with superior scholastic records, such as Principles of Chemistry and Biochemistry I, Honors (CHEM-S 117), Introduction to Microeconomics and Macroeconomics: Honors (ECON-S 201-S 202), and General Psychology, Honors (PSY-P 106). The Hutton Honors College faculty also teach honors seminars in their home academic units.

#### Honors Tutorial (H299)

Honors tutorials are individually arranged programs of directed reading and research. Students who wish to engage in intensive study growing out of an undergraduate seminar or to pursue a clearly defined research interest may enroll in HON-H 299 for 1–3 credit hours under the direction of a faculty sponsor. Applications for a tutorial, accompanied by the recommendation of the prospective faculty sponsor, should be submitted to the

dean of the Hutton Honors College for approval before the semester in which the project is to be undertaken.

### Grants and Internships

Juniors and seniors may be eligible for funds in support of academic research, creative activity, international experiences, capstone projects, or professional experience internships during the regular academic year or the summer. These resources are designed to meet expenses not normally anticipated in planning an undergraduate program and may be used to support various needs. Applications are normally submitted during the spring semester both for summer funds and funds for the following fall, and during the fall semester for the following spring semester.

Internship support is also available for students who wish to engage in an undergraduate teaching program or an equivalent pedagogical experience in their major area of study. These resources are meant to support a close faculty-student relationship in which the student is treated as a junior colleague.

Finally, seniors in departmental honors programs who are writing honors theses may also apply for these summer funds.

### Course Descriptions for Hutton Honors College Courses (HON)

#### HON-H 200 Interdepartmental Colloquia (1-3 cr.)

P: Consent of Hutton Honors College. Honors seminar. Topics will vary. May be repeated with a different topic for a maximum of 6 credit hours.

#### HON-H 203 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **A & H, TFR** Honors seminar focusing on topics in the arts and humanities. May be repeated with a different topic for a maximum of 6 credit hours.

#### HON-H 204 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **S & H, TFR** Honors seminar focusing on topics in social and historical studies. May be repeated with a different topic for a maximum of 6 credit hours.

#### HON-H 205 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **N & M, TFR** Honors seminar focusing on topics in the natural and mathematical sciences. May be repeated with a different topic for a maximum of 6 credit hours.

#### HON-H 211 Ideas and Experience I (3 cr.)

P: Completion of the English composition requirement and consent of Hutton Honors College. **A & H, TFR** Honors seminar focused on the intellectual heritage of the West. Acquaints students with great works from different historical periods, cultural settings, and disciplines. Selected works by writers such as Homer, Plato, Virgil, Augustine, Dante, Boccaccio, Machiavelli, Descartes, Voltaire, and Galileo will be read.

#### HON-H 212 Ideas and Experience II (3 cr.)

P: Completion of the English composition requirement and consent of Hutton Honors College. **S & H, TFR** Honors seminar focused on the sources of modern thinking in the works of authors such as Rousseau, Kant, Goethe, Wordsworth, Stendhal, Darwin, Marx, Dickens,

Dostoyevsky, Nietzsche, Freud, Weber, Veblen, Einstein, Kafka, Sartre, and Camus.

#### HON-H 226 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **A & H** Honors seminar focusing on topics in arts and humanities. Does not fulfill College Topics requirement.

#### HON-H 228 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **S & H** Honors seminar focusing on topics in social and historical studies. Does not fulfill College Topics requirement.

#### HON-H 230 Interdepartmental Colloquia (3 cr.)

P: Consent of Hutton Honors College. **N & M** Honors seminar focusing on topics in natural and mathematical sciences. Does not fulfill College Topics requirement.

#### HON-H 232 Meaningful Writing (3 cr.) **A & H**

To become skillful at writing, students need to read and appreciate definitively good works of prose (whether fiction or nonfiction) and/or of poetry. Classic works of prose and poetry are analyzed to improve students' own writing skills.

#### HON-H 233 Great Authors, Composers, and Artists (3 cr.) **A & H**

It has been suggested that a broad, liberal education begins with exposure to classic works of literature, music, and art. This course examines classic works of literature, particularly from the English and/or American literary canon, and/or classic works of music and art.

#### HON-H 234 Literature of Time and Place (3 cr.) **A & H**

Focuses on works of fiction and/or nonfiction that are distinctive of a particular time period, memorable event or occurrence, or location. Relevant monographs capture the essence of a specific era, happening, or the perspectives of people in a particular place.

#### HON-H 235 Religion in Literature, Music, Art, and Performance (3 cr.) **A & H**

Religion has been a theme in literature, music, and art for as long as there has been literature, music, and art. This course examines the origins, varieties, and meanings of religion and of sacred texts in poetry and prose, in music, in visual art and design, and in dramatic performances.

#### HON-H 236 Use of Force (3 cr.) **S & H**

Considers coercion as a tool in the international arena, with particular attention to the use of military force. Analysis of case material from various time periods and geographical regions, as well as concepts from the social or behavioral sciences or from historical studies.

#### HON-H 237 Law and Society (3 cr.) **S & H**

Law is not merely the normative framework creating order or fairness in public and private institutions. Among other things, it defines relationships among friends, creates predictability in city bus routes, and influences children's moral character. This course considers law beyond the ordinary bounds of the courtroom and lawmaker's chamber.

#### HON-H 238 Politics and Communication (3 cr.) **S & H**

Examines communication as a vehicle for conveying political opinion, for forging political identities, for testing political and public ideas, and for understanding how political actors differentiate themselves in the public arena.

#### HON-H 239 Gender across the Disciplines (3 cr.)

**A & H** Gender is a cross-cutting theme with salience for

disciplines as varied as French, forensics, and forestry. This course focuses on representations of gender in the interface across multiple disciplines, such as in the boundary between art and biology or between literature and psychology.

**HON-H 240 Science and Society (3 cr.) S & H** Science permeates society, but the reverse is also true. The agendas of scientists, ethical norms in science, and the goals of scientific endeavors all have societal underpinnings. This course considers not only how science affects societal forms and functions but also how society affects the scientific enterprise.

**HON-H 241 Scientific Uncertainty and Discovery (3 cr.) N & M** Applies concepts used by the natural and physical sciences to illuminate general laws of science and to describe natural phenomena using primarily quantitative methods and empirical inquiry. Uses the scientific method for asking and answering questions about scientific phenomena and scientific uncertainty.

**HON-H 242 Animal Ethics (3 cr.) A & H** Examines our relationships and interactions with, and the uses and treatment of animals by integrating literary texts with provocative essays by various philosophers. By law, animals are considered property. What are the implications of that status? What does it mean to "own" an animal? Considers these and other questions related to the treatment of animals.

**HON-H 299 Honors Tutorial (1-3 cr.) P:** Consent of Hutton Honors College. Open to Hutton Honors College students who wish to pursue independent reading or individual or group research outside of existing departments or departmental courses. May be repeated with a different topic for a maximum of 6 credit hours.

**HON-H 300 Interdepartmental Colloquium (1-3 cr.) P:** Sophomore or junior standing and consent of Hutton Honors College. May be repeated with different topics up to a maximum of 9 credit hours.

**HON-H 303 Interdepartmental Colloquia (3 cr.) P:** Consent of Hutton Honors College. **A & H** Honors seminar focusing on topics in arts and humanities. May be repeated with a different topic for a maximum of 6 credit hours.

**HON-H 304 Interdepartmental Colloquia (3 cr.) P:** Consent of Hutton Honors College. **S & H** Honors seminar focusing on topics in social and historical studies. May be repeated with a different topic for a maximum of 6 credit hours.

**HON-H 305 Interdepartmental Colloquia (3 cr.) P:** Consent of Hutton Honors College. **N & M** Honors seminar focusing on topics in natural and mathematical sciences. May be repeated with a different topic for a maximum of 6 credit hours.

**HON-H 400 Interdepartmental Colloquium (1-3 cr.) P:** Junior or senior standing and consent of Hutton Honors College. May be repeated with different topics up to a maximum of 9 credit hours.

**HON-H 488 C.I.C. Traveling Scholar Program (0 cr.) S/ F** grading. Students from other Committee on Institutional Cooperation (C.I.C.) institutions participating in the C.I.C. Traveling Scholar Program for Honors Undergraduates

must enroll in this noncredit course in order to register for other classes at Indiana University Bloomington.

## Phi Beta Kappa

The Society of Phi Beta Kappa, founded in 1776 at the College of William and Mary in Virginia, is the oldest academic Greek-letter society in existence. Throughout its history, Phi Beta Kappa has held as its primary objective the recognition of excellence in the academic performance of undergraduate students who are candidates for degrees in the liberal arts and sciences in U.S. colleges and universities. There are at present 276 chapters of Phi Beta Kappa. Indiana University's chapter, Gamma of Indiana, was established in 1911.

Members are chosen by faculty electors of Indiana University's chapter from senior degree candidates and recent graduates of the College of Arts and Sciences whose academic records have placed them among the top 10 percent of their class.

## Academic Opportunities

### CIC CourseShare

CIC CourseShare is a program in which instructors use videoconferencing and Internet technology to host a course simultaneously on more than one campus. CourseShare allows participating institutions to share their courses with a wider audience since interested students do not have to leave their home campus. Available courses vary each semester. Please contact the College Graduate Office, [coasgrad@indiana.edu](mailto:coasgrad@indiana.edu) or (812) 856-3687, for additional information.

#### Course Descriptions for CIC CourseShare (COLL)

**COLL-C 100 CIC CourseShare (1-6 cr.)** Committee on Institutional Cooperation (CIC) shared course. May be repeated with a different topic for a maximum of 6 credit hours.

**COLL-C 200 CIC CourseShare (1-6 cr.)** Committee on Institutional Cooperation (CIC) shared course. May be repeated with a different topic for a maximum of 6 credit hours.

**COLL-C 300 CIC CourseShare (1-6 cr.)** Committee on Institutional Cooperation (CIC) shared course. May be repeated with a different topic for a maximum of 6 credit hours.

**COLL-C 400 CIC CourseShare (1-6 cr.)** Committee on Institutional Cooperation (CIC) shared course. May be repeated with a different topic for a maximum of 6 credit hours.

### Experimental Courses

Courses that are experimental in content or teaching technique are offered through the experimental curriculum, designated by the prefix "X." Their purpose is to enrich the College curriculum by providing imaginative, innovative, and interdisciplinary teaching experiments that may be subsequently absorbed into the regular College curriculum. These courses may be counted toward an undergraduate degree in the College of Arts and Sciences as electives inside the College. They do not fulfill distribution, fundamental skills, Culture Studies, Topics,

or major requirements. For additional information about current offerings, consult the online [Schedule of Classes](#).

### Course Descriptions for Experimental Courses (COLL)

**COLL–X 101 Experimental Topics (1–3 cr.)** Imaginative, innovative, and interdisciplinary courses designed to enrich the College curriculum. A student may count up to a total of 5 hours of credit in experimental topics courses (X101, X211, X311) with different topics toward graduation.

**COLL–X 112 Traditions and Cultures of Indiana University (2 cr.)** An online examination of the culture of a research university as told through the storied traditions of IU Bloomington. Students will learn about the history of American higher education by examining how the campus has changed since its 1820 founding—in terms of its demography, programs, and buildings. Certain unique treasures of IUB (the Gutenberg Bible, Little 500, the Indiana Memorial Union, the Kinsey Institute) will be used to illustrate issues related to information technology, student activism, commercialization, and academic freedom.

**COLL–X 211 Experimental Topics (1–3 cr.)** Imaginative, innovative, and interdisciplinary courses designed to enrich the College curriculum. A student may count up to a total of 5 hours of credit in experimental topics courses (X101, X211, X311) with different topics toward graduation.

**COLL–X 311 Experimental Topics (1–3 cr.)** Imaginative, innovative, and interdisciplinary courses designed to enrich the College curriculum. A student may count up to a total of 5 hours of credit in experimental topics courses (X101, X211, X311) with different topics toward graduation.

**COLL–X 495 Individual Readings and Research (1–6 cr.)** Independent study that cannot be accommodated through a department reading number is arranged through a faculty member willing to work closely with a student to direct a project. Proposals and recommendations of the faculty director must be presented to the College of Arts and Sciences office prior to registration.

## Five-Year Programs for B.S. Science Degrees from the College and M.S. Degrees from the School of Education

In conjunction with the School of Education, the College offers five-year programs in which students can earn a B.S. in Biology, Chemistry, Geological Sciences, Mathematics, or Physics—and an M.S. in Secondary Education. In these five-year programs, students also complete all of the requirements for State licensure in Secondary Education. This initiative is a response to state-wide efforts to increase the number of high school science teachers and to ensure that they are well-trained in the fields they teach.

Students in these programs complete a minimum of 90 credit hours in the College of Arts and Sciences, satisfying the fundamental skills, distribution, and major concentration requirements for these B.S. majors. They then begin to take courses in the School of Education and can apply up to 32 credit hours earned in the School

of Education as College electives. The requirements for these B.S. College majors must be completed before student teaching begins in the final spring semester of the five-year program. The two degrees (B.S. in specific College majors and M.S. in Secondary Education) are awarded simultaneously.

Students considering this program should seek advising from both the relevant College department and the School of Education. Also, students are advised to check on the effect that the transition to graduate status may have on existing undergraduate funding.

## Intensive Freshman Seminars

Intensive Freshman Seminars (IFS) is a unique residential program that provides a bridge to a successful college career and is open to all entering freshmen at Indiana University Bloomington. For three weeks before the fall semester begins, students may enroll in one class chosen from a wide range of topics and taught by regular faculty, live in a centrally located residence hall, and become familiar with the IU computing and library systems. Students develop close and lasting friendships through the Intensive Freshman Seminar Program.

All seminars:

- Count as 3 credits toward any IUB degree;
- Allow one-on-one interaction with an outstanding faculty member;
- Are limited to 20 students;
- Emphasize active learning strategies through the seminar format;
- Are designed to hone skills in reading, writing, and critical thinking—the foundations for more advanced work;
- Include an introduction to the university's extensive computing services and world-renowned library resources.

Students planning to pursue a degree in the College of Arts and Sciences are advised to enroll in an Intensive Freshman Seminar that bears one of the following course numbers: COLL S103, COLL S104, or COLL S105. These courses fulfill the Topics requirement of the College of Arts and Sciences and carry distribution credit as well. All other successfully completed Intensive Freshman Seminar courses count as electives toward a degree in the College.

Courses offered as Intensive Freshman Seminars change every year and are available only to matriculating students who elect to take part in the three-week Intensive Freshman Seminar Program prior to beginning the fall semester. For more information on the IFS program and courses offered, please visit the Web site <http://ifs.indiana.edu/> or contact the IFS office at Maxwell Hall 222, (812) 855-3839.

### Course Descriptions for Intensive Freshman Seminars (COLL)

**COLL–S 103 Freshman Seminar in Arts and Humanities (3 cr.)** P: Freshman standing and consent of the Intensive Freshman Seminar Program. **A & H, TFR** Introduction to college-level projects chosen from arts and humanities fields. Students will learn how scholars frame questions, propose answers, and assess the validity of competing approaches in a small-class experience with a faculty member. Writing and related skills are stressed.

Topics will vary. Open only to freshmen. Credit given for only one of COLL-S 103 or COLL-E 103.

**COLL-S 104 Freshman Seminar in Social and Historical Studies (3 cr.)** P: Freshman standing and consent of the Intensive Freshman Seminar Program. **S & H, TFR** Introduction to college-level projects chosen from social and historical studies fields. Students will learn how scholars frame questions, propose answers, and assess the validity of competing approaches in a small-class experience with a faculty member. Writing and related skills are stressed. Topics will vary. Open only to freshmen. Credit given for only one of COLL-S 104 or COLL-E 104.

**COLL-S 105 Freshman Seminar in Natural and Mathematical Sciences (3 cr.)** P: Freshman standing and consent of the Intensive Freshman Seminar Program. **N & M, TFR** Introduction to college-level projects chosen from natural and mathematical science fields. Students will learn how scholars frame questions, propose answers, and assess the validity of competing approaches in a small-class experience with a faculty member. Writing and related skills are stressed. Topics will vary. Open only to freshmen. Credit given for only one of COLL-S 105 or COLL-E 105.

## Living-Learning Centers

Living-learning centers (LLCs) are residential–academic programs located in residence halls. Students may choose between two living-learning centers associated with the College: Collins Living-Learning Center (CLLC), located in the Collins Quadrangle; and the Global Village Living-Learning Center (GLLC), located in Foster-Martin. Membership in these centers is based on an application available from Residential Programs and Services and from most university offices. Students majoring in any discipline or school are eligible to apply for membership in either program, and current university students may apply to transfer to a center at the beginning of any semester. For additional information, contact the director of Collins LLC at (812) 855-9815, or the director of the Global Village at (812) 855-4552, or visit these LLC Web sites: [www.indiana.edu/~llc](http://www.indiana.edu/~llc) (Collins), or [www.indiana.edu/~college/global](http://www.indiana.edu/~college/global) (Global Village).

Prospective members of the Collins Living-Learning Center should be interested in accepting responsibility for affairs of the center, such as governance, curriculum planning, and programming. They should also be interested in exploring a variety of academic disciplines through the Collins LLC experimental curriculum. Collins LLC students must enroll in at least one Collins course during each of their freshman and sophomore years; all freshmen also enroll in a 1 credit hour workshop in residential learning. Most courses may be counted toward graduation requirements.

The goal of the Global Village Living-Learning Center is to create a cosmopolitan, multidisciplinary, multicultural, multinational, and multilingual community of domestic and international students preparing for global living and careers. The Village provides opportunities for foreign language and cultural practice and is especially appropriate for students preparing for overseas study. New residents must enroll in the 1-credit course Q199. In addition to its own seminars, the Village hosts introductory

courses from several departments in its classrooms as well as informal, internationally themed special activities. There are abundant opportunities for student governance and leadership development.

### Course Descriptions for Collins Living-Learning Center (CLLC)

**CLLC-L 100 Collins Seminar (1-3 cr.)** Topical or "hands-on" introductions to specific disciplines. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 102 Supplementary Component in Environmental Learning (1 cr.)** P: Consent of instructor. Supplementary course that connects academic content with environmental projects. May be repeated for a total of 6 credit hours.

**CLLC-L 110 Collins Seminar: Text, Image, Sound (3 cr.)** **A & H** Topical introductions to analysis of creative expressions. Subjects are not normally covered by individual departments and vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 120 Collins Seminar: Politics, Identity, and Resistance (3 cr.)** **S & H** Topical or "hands-on" introduction to social and historical issues not normally covered by individual departments. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 130 Collins Seminar: Science and the Universe (3 cr.)** **N & M** Topical or "hands-on" introduction to biological and physical sciences not normally covered by individual departments. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 200 Collins Colloquium (1-3 cr.)** Interdisciplinary courses on subjects not normally covered by individual departments. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 210 Collins Colloquium: Culture, the Arts, and Society (3 cr.)** **A & H** Interdisciplinary courses on the arts in socio-cultural context. Subjects are not normally covered by individual departments and vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 220 Collins Colloquium: Uses of the Past (3 cr.)** **S & H** Topical introductions to the ways in which past events are remembered and those meanings contested. Subjects are not normally covered by individual departments and vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 230 Collins Colloquium: Life—Concepts and Issues (3 cr.)** **N & M** Topical courses on subjects in the life sciences not normally covered by individual departments. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC-L 300 Collins Symposium (1-3 cr.)** The arts, sciences, and professions in their larger contexts.

Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC–L 310 Collins Symposium (3 cr.) A & H** The arts, sciences, and professions in their larger contexts. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC–L 320 Collins Symposium (3 cr.) S & H** The arts, sciences, and professions in their larger contexts. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC–L 330 Collins Symposium (3 cr.) N & M** The arts, sciences, and professions in their larger contexts. Subjects vary each semester. May be repeated with different topics for a maximum of 9 credit hours.

**CLLC–L 400 Independent Group Study (1–3 cr.)** For Collins residents only. Groups of two or more students may put together their own course of study on a topic of common interest, under the supervision of an appropriate faculty member. This course may be repeated with different topics, for a maximum of 6 credit hours. (For Collins residents only.)

**CLLC–L 402 Independent Study in Local Environmental Stewardship (1–3 cr.)** P: Consent of instructor and junior/senior status. Independent research project in environmental issues. May be repeated for a total of 6 credit hours.

**CLLC–Q 199 Residential Learning Workshop (1 cr.)** Small discussion groups led by undergraduate students of the Living-Learning Center will consider the topics of community, cooperation, and interactive learning as well as the structure and operation of the center in relation to the university as a whole. Students will complete a project contributing to the purpose of the center.

**CLLC–Q 299 Peer Instructor Workshop (1 cr.)** Trains undergraduate peer instructors to prepare and teach Q199 Residential Learning Workshop at the Collins Living-Learning Center.

**CLLC–S 103 Collins Living-Learning Center Freshman Seminar (3 cr.) A & H, TFR** Specific topics will vary by section and over time, but all versions of S103 will meet the objectives of the College of Arts and Sciences Topics curriculum. Freshman seminars are open to freshmen, who will learn how scholars from the arts and humanities distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of COLL-E 103, COLL-S 103, CLLC-S 103, or GLLC-S 103.

### Course Descriptions for Global Village Living-Learning Center (GLLC)

**GLLC–G 100 Global Village Seminar (1-3 cr.)**  
P: Permission of Global Village director. Introduction to a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with different topics for a total of 6 credit hours.

**GLLC–G 110 Global Village Seminar (3 cr.)**  
P: Permission of Global Village director. **A & H** Introduction to a topic or issue of international dimension not normally covered by individual departments. Often

interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 120 Global Village Seminar (3 cr.)**  
P: Permission of Global Village director. **S & H** Introduction to a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 130 Global Village Seminar (3 cr.)**  
P: Permission of Global Village director.  
**N & M** Introduction to a topic or issue of international dimensions not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 200 Global Village Colloquium (1-3 cr.)**  
P: Permission of Global Village director. Intermediate consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. May be repeated with different topics for a total of 6 credit hours.

**GLLC–G 210 Global Village Colloquium (3 cr.)**  
P: Permission of Global Village director. **A & H** Intermediate consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 220 Global Village Colloquium (3 cr.)**  
P: Permission of Global Village director. **S & H** Intermediate consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 230 Global Village Colloquium (3 cr.)** P: Permission of Global Village director.  
**N & M** Intermediate consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 291 Study Abroad: Before You Go (1 cr.)**  
P: Permission of Office of Overseas Study. Academic preparation for studying abroad. Refinement of goals and concerns, pre-departure matters, life in the host country, strategies for recognizing and overcoming challenges, and integrating study and personal experiences with post-travel educational goals.

**GLLC–G 300 Global Village Symposium (1-3 cr.)**  
P: Permission of Global Village director. Advanced consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with different topics for a total of 6 credit hours.

**GLLC–G 310 Global Village Symposium (3 cr.)**  
P: Permission of Global Village director. **A & H** Advanced consideration of a topic or issue of international dimension not normally covered by individual departments. Often



interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 320 Global Village Symposium (3 cr.)**

P: Permission of Global Village director. **S & H** Advanced consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 321 Intelligence and National Security (3 cr.)**

**S & H** Study and analysis of intelligence in U.S. foreign policy and national security issues from 1776 to the present. A look at wartime and peacetime tactics, the Cold War, post–September 11th strategies, and both state and non-state threats. Examines shift to human intelligence, civil liberty issues, and foreign and domestic intelligence activities.

**GLLC–G 330 Global Village Symposium (3 cr.)**

P: Permission of Global Village director. **N & M** Advanced consideration of a topic or issue of international dimension not normally covered by individual departments. Often interdisciplinary. Subjects vary each semester. May be repeated with a different topic for a total of 6 credit hours.

**GLLC–G 491 Study Abroad: When You Return (1 cr.)**

Provides students returning from overseas study with practical advice on how their international experiences can be utilized for future educational and professional pursuits. Students will engage in structured discussion and reflection regarding their overseas accomplishments as well as the knowledge and skills they acquired while abroad.

**GLLC–Q 199 Introduction to the Global Village (1 cr.)**

P: Residence in the Global Village Living-Learning Center. Small discussion groups led by undergraduate Village residents consider topics relevant to the purpose and operation of the Center, community living, and the relation of the Village to the university. Introduction to campus international resources. Students complete a project that contributes to the Village's purpose.

**GLLC–Q 299 Peer Instructor Workshop (2 cr.)**

P: Permission of Global Village director. Required workshop for Global Village residents preparing to teach Q199.

**GLLC–S 103 Global Village Living-Learning Center Freshman Seminar (3 cr.)**

**A & H, TFR** Specific topics will vary by section and over time, but all versions of S103 will meet the objectives of the College of Arts and Sciences Topics curriculum. Freshman seminars are open to freshmen, who will learn how scholars from the arts and humanities distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of COLL-E 103, COLL-S 103, CLLC-S 103, or GLLC-S 103.

**GLLC–S 104 Global Village Living-Learning Center Freshman Seminar (3 cr.)**

**S & H, TFR** Specific topics will vary by section and over time, but all versions of S104 will meet the objectives of the College of Arts and Sciences Topics curriculum. Freshman seminars are open to freshmen, who will learn how scholars from the social and historical studies distribution area frame questions, propose answers, and assess the validity of competing

approaches. Writing and related skills are stressed. Credit given for only one of COLL-E 104, COLL-S 104, LAMP-S 104, or GLLC-S 104.

**GLLC–S 105 Global Village Living-Learning Center Freshman Seminar (3 cr.)**

**N & M, TFR** Specific topics will vary by section and over time, but all versions of S105 will meet the objectives of the College of Arts and Sciences Topics curriculum. Freshman seminars are open to freshmen, who will learn how scholars from the natural and mathematical sciences distribution area frame questions, propose answers, and assess the validity of competing approaches. Writing and related skills are stressed. Credit given for only one of COLL-E 105 or COLL-S 105 or GLLC-S 105.

## Military Science and Aerospace Studies

Qualified men and women may elect to earn credits leading to a commission as a second lieutenant in the United States Army or Air Force. Credits earned in Army ROTC and Air Force ROTC may be applied toward the 122 credit hour total required for graduation. More specific information may be obtained from the offices of the particular ROTC units in which the student is interested: Military Science (Army), Smith Research Center, 2805 E. Tenth Street, Suite 150, (812) 855-7682; and Aerospace Studies (Air Force), 814 E. Third Street, (812) 855-4191.

## Minority and First-Generation Scholars

### Groups Program

The Groups Student Support Services Program provides whatever reasonable support is needed to attain the Bachelor's degree at Indiana University for individuals who are first-generation college students, are from officially determined low-income families, or are physically disabled. It is jointly funded and sponsored by the U.S. Department of Education and Indiana University. The program offers a variety of services, including personal counseling, academic counseling, tutoring, enrollment in specialized courses, and activities that foster academic enrichment. For more information, see the Groups Web site at [www.indiana.edu/~groups](http://www.indiana.edu/~groups), call (812) 855-0507, or visit Maxwell Hall 200.

### Course Descriptions for the Groups Program (COLL)

**COLL–G 103 Introduction to Chemistry for Groups**

**Students (1 cr.)** For Groups students only. Introduction to the basic principles of chemistry. Topics include chemical and physical properties, atomic structure, properties of elements, and stoichiometry. Students who have not mastered high school level chemistry should also take CHEM-C 103 in preparation for CHEM-C 117.

**COLL–G 113 Content Courses for Groups Students**

**(1 cr.)** Limited to Groups students who live in the Atkins Living-Learning Center. Examines the impact of African American history and culture on the nation as a whole and on the international community.

**COLL–G 123 Success at IU and Beyond for Groups**

**Students I (1 cr.)** For Groups students only. Acquisition of leadership, study, and time-management skills needed for success in university-level course work. May also focus on

skills and knowledge required for success in preparing for a particular profession.

**COLL-G 133 Success at IU and Beyond for Groups Students II (1 cr.)** For sophomore-level Groups students only. Further develops study skills and familiarity with the academy. Explores varieties of majors, degrees, and career paths available to IU students.

### McNair Scholars Program

The McNair Scholars Program at Indiana University, funded by the U.S. Department of Education, prepares low-income, first-generation, and minority undergraduates for graduate study at the doctoral level. Each year, McNair Scholars participate in academic year and summer activities that include research and teaching experiences. The program offers a variety of services, including personal and academic counseling, tutoring, and activities that foster academic enrichment. One of the most exciting aspects of the McNair program is the opportunity for scholars to engage in paid research internships under the guidance of faculty mentors from areas in which they hope to pursue graduate study. McNair Scholars attend national conferences where they make formal presentations of their research to faculty and peers, attend academic seminars and workshops, and have an opportunity to participate in an undergraduate teaching internship. McNair Scholars receive guidance regarding the graduate school application process and fellowships, graduate assistantships, and loans; attend a Graduate Record Exam preparation course; and visit other campuses to learn about graduate school life.

Students who plan to pursue a Ph. D. in any College of Arts and Sciences major are eligible to apply to the McNair Scholars Program. For additional information and eligibility requirements, contact the McNair Scholars Program Office at 803 E. Eighth Street, (812) 855-1135.

### NIH-Initiative for Maximizing Student Diversity Scholars Program at IU Bloomington

The Initiative for Maximizing Student Diversity (IMSD) Scholars Program is funded by the National Institutes of Health and is sponsored by Indiana University. The program offers a variety of services including personal and academic counseling, tutoring, and activities that foster academic enrichment for underrepresented minority students who are interested in pursuing education and careers in biomedical research. One of the most exciting aspects of the IMSD program is the opportunity for scholars to engage in paid research internships under the guidance of faculty mentors from areas in which they hope to pursue graduate study. IMSD scholars attend national conferences, where they make formal presentations of their research to faculty and peers, and attend academic seminars and workshops. IMSD scholars also receive guidance regarding the graduate school application process.

For additional information, contact the IMSD Scholars Program Office, (812) 856-1302; e-mail [imsd@indiana.edu](mailto:imsd@indiana.edu); or visit Jordan Hall 336 or the IMSD Scholars Program Web site at [www.indiana.edu/~imsd](http://www.indiana.edu/~imsd).

### Overseas Study Programs

Indiana University grants direct credit for more than 100 university-sponsored overseas study programs for a full academic year, semester, or summer abroad. Some

programs require a strong foreign language background and permit students to attend regular courses in the host university. Others, especially summer programs, provide intensive language instruction as part of the program. Many programs offer courses in English on comparative or international topics. Students may participate in some summer programs as early as their freshman year. Academic year and semester programs normally require junior or senior standing.

Programs are open to all College of Arts and Sciences majors, and financial aid is applicable to program costs. Students are encouraged to explore the range of opportunities for study abroad early in their university career.

Credits earned in Indiana University programs may be applied to university degree requirements in most cases and satisfy the senior residency requirements at the student's home campus. Course work taken on IU semester programs satisfies a Culture Studies A requirement while course work taken on academic year programs satisfies the entire culture studies requirement.

Information on study abroad programs sponsored by Indiana University (and those arranged through other institutions) is available from the Overseas Study Information Center in Franklin Hall 303 on the Bloomington campus, (812) 855-9304; the overseas study coordinators on IU regional campuses; and on the Web at [www.indiana.edu/~overseas](http://www.indiana.edu/~overseas).

Indiana University's overseas study programs include the following:

#### Academic Year

- Argentina (Buenos Aires)
- Brazil (Bahia, São Paulo)
- Britain (Canterbury, Oxford)
- Chile (Santiago, Valparaiso)
- China (Nanjing)
- Egypt (Cairo)
- France (Aix-en-Provence)
- Germany (Freiburg)
- Greece (Athens)
- Israel (Jerusalem)
- Italy (Bologna)
- Japan (Nagoya)
- Peru (Lima)
- Spain (Madrid)

#### One Semester

- Argentina (Buenos Aires)
- Australia (Adelaide, Canberra, Perth, Sydney, Wollongong)
- Austria (Vienna)
- Brazil (Bahia, São Paulo)
- Britain (London)
- Chile (Santiago, Valparaiso)
- China (Beijing, Hong Kong, Nanjing, Shanghai)
- Costa Rica (Monteverde)
- Czech Republic (Prague)
- Denmark (Copenhagen)
- Dominican Republic (Santiago)
- Ecuador (Quito)
- Egypt (Cairo)

- France (Aix-en-Provence, Paris, Rennes, Rouen)
- Germany (Freiburg, Reutlingen)
- Ghana (Legon)
- Greece (Athens)
- Hungary (Budapest)
- India (Hyderabad)
- Ireland (Dublin)
- Israel (Jerusalem)
- Italy (Bologna, Florence, Milan, Rome)
- Japan (Nagoya, Tokyo)
- Mexico (Monterrey)
- The Netherlands (Maastricht)
- Netherlands Antilles (Bonaire)
- Peru (Lima)
- Russia (St. Petersburg)
- South Africa (Cape Town)
- South Korea (Seoul)
- Spain (Alicante, Barcelona, Madrid, Salamanca, Seville)
- Thailand (Khon Kaen)

### Summer

- Australia (Melbourne, Sydney)
- Austria (Graz)
- Britain (London)
- Canada (Quebec)
- Cayman Islands (Grand Cayman)
- Chile (Santiago)
- China (Beijing)
- Denmark (Copenhagen)
- Dominican Republic (Jarabacoa)
- Ecuador (Quito)
- Egypt (Cairo)
- France (Paris)
- Greece (Athens, Paros)
- Ireland (Dublin)
- Italy (Florence, Venice)
- Mexico (Cuernavaca, Guanajuato, Oaxaca)
- The Netherlands (Amsterdam, Maastricht)
- Russia (St. Petersburg)
- Senegal (Dakar)
- Spain (Alcalá, Aranjuez, Barcelona, Pamplona, Salamanca, Seville)

### Intersession

- Costa Rica (field sites)

### Course Work for Overseas Study Programs

In the vast majority of cases, courses taken overseas will be recorded on student transcripts according to the department offering the course. In rare circumstances, however, students may take courses overseas that do not have an appropriate Indiana University departmental designation. In such cases, the courses will be treated as COLL F200.

**COLL-F 200 Foreign Study (0–8 cr.)** P: Approval of an assistant dean of the College of Arts and Sciences. This course listing may be used for course work from overseas study programs (including transfer credit from non-IU programs) when the content of the course is within the general area of arts and sciences but does not fall clearly within the discipline of any particular department

in the College. May be repeated up to the limit of 8 credit hours.

## Science Courses for Non-Science Majors

These courses are specially designed for the non-science major; they challenge the liberal arts student to understand modern science and scientific concepts and methods. During any academic year, courses of this type are available in astronomy, the biological sciences, chemistry, mathematics, physics, and psychological and brain sciences.

## Themester

Themester (a themed semester) is a College initiative offering more than 50 courses across College departments and IUB schools with complementary extracurricular and co-curricular events put together by faculty and undergraduate students. Please check [themester.indiana.edu/](http://themester.indiana.edu/) for up-to-date information about the courses, lectures, plays, art exhibits, panel discussions, and more, comprising the Fall 2010 Themester of “sustain•ability: Thriving on a Small Planet.” One interdisciplinary course is also offered each Themester.

### Course Descriptions for Themester (COLL)

**COLL-T 200 Exploring Themester Ideas (3 cr.)** Ideas and issues related to the central focus of the College’s Themester each fall. Topics and themes vary and are listed in the online *Schedule of Classes*.

## Two Additional Courses

The College of Arts and Sciences offers a few additional introductory courses for undergraduates.

### Course Descriptions for Additional Courses (COLL)

**COLL-C 101 Introduction to Chess (1 cr.)** An introduction to chess including the rules, strategies, and history of the game. S/F grading.

**COLL-Q 175 Introduction to the College (1 cr.)** This course is highly recommended for directly admitted freshmen and transfer students. With guest speakers, campus visits, and online resources, students are introduced to valuable tools at Indiana University and taught how to use these resources most effectively. S/F grading.

## Opportunities Outside the College

### List of Approved Outside Minors

Students in the College may complete and have listed on their transcripts up to three minors, including specified minors on the below list from other IU schools. Courses from outside the College, except where indicated otherwise, do not count as part of the 100 “inside” credit hours required for graduation. However, College students can count up to 22 credit hours from outside of the College toward the 122 credit hours required for graduation. For information about “outside minors,” students should contact the relevant school, the College of Arts and

Sciences Recorder's Office (Kirkwood Hall 001), and the academic advisor(s) for their major(s).

**Note:** The following three requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C- cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

The following "outside minors" are available to students from the College:

- Business—Undergraduate (Kelley School of Business)
- Dance (Health, Physical Education, and Recreation)
- Educational Studies (Education)
- Entrepreneurship and Small Business Management (Kelley School of Business)
- Environmental Management (Public and Environmental Affairs)
- Environmental Science and Health (Public and Environmental Affairs)
- Exercise Science (Health, Physical Education, and Recreation)
- Fund Raising and Resource Development (Health, Physical Education, and Recreation)
- Gerontology (Health, Physical Education, and Recreation)
- Health Systems Administration (Public and Environmental Affairs)
- Human-Centered Computing (Informatics and Computing)
- Human Development and Family Studies (Health, Physical Education, and Recreation)
- Human Resources (Public and Environmental Affairs)
- Informatics (Informatics and Computing)
- Information Systems (Public and Environmental Affairs)
- Information Technology (Informatics and Computing)
- Labor Studies (Social Work)
- Legal Studies (Public and Environmental Affairs)
- Management (Public and Environmental Affairs)
- Marketing (Kelley School of Business)
- Medical Sciences (School of Medicine)
- Music Studies (Jacobs School of Music)
- Nonprofit Management (Public and Environmental Affairs)
- Nutrition (Health, Physical Education, and Recreation)
- Policy Studies (Public and Environmental Affairs)
- Public and Environmental Affairs (Public and Environmental Affairs)
- Public Finance (Public and Environmental Affairs)
- Public Health (Health, Physical Education, and Recreation)
- Security Informatics (Informatics and Computing)
- Social Welfare Advocacy (Social Work)

The following "special minors" are available to College students pursuing select majors:

- Business minor for Apparel Merchandising majors
- Business minor for Telecommunications majors

## Career Development Center

The Career Development Center houses four interrelated programs which provide an array of services designed to assist undergraduate students in making informed academic and career decisions. The Career Development Center, located at 625 N. Jordan Avenue, is open Monday through Friday from 8 a.m. to 4:30 p.m. Visit the office Web site at [www.indiana.edu/~career](http://www.indiana.edu/~career). (The Health Professions and Prelaw Center provides preprofessional advising and services for students interested in pursuing careers in law, medicine, and other health fields. It is located in Maxwell Hall 010, (812) 855-1873.)

**Career Counseling Services (CCS)** provides assistance to students who are in the process of selecting a major and/or exploring career options.

**Arts and Sciences Career Services (ASCS)** assists freshmen through seniors with career exploration, planning, and development, as well as with job/ internship search information and support. Freshmen and sophomores are encouraged to enroll in Q294 Basic Career Development. This 2 credit, eight-week course is designed to help students in their career self-assessment and in learning about their academic and professional options and choices. Sophomores, juniors, and seniors are encouraged to enroll in Q299 Job and Internship Strategies for Liberal Arts Students. This 2 credit, eight-week course is designed to help students develop an effective plan for postgraduate success. ASCS also offers Q398 Internship: Theory Into Practice, a variable-credit course for students interested in earning academic credit for internship experiences.

Students can meet one-on-one with an ASCS counselor to explore their personal profiles, career choices, and plans; or to discuss job and internship search issues such as resume and cover letter writing, interviewing, career research, and the graduate school application process. In addition, ASCS sponsors career fairs, an on-campus recruiting program, online job and internship listings, Web resume books, and a resume referral service to help students design and develop a professional portfolio to market themselves.

**The Career Resource Library (CRL)** houses a variety of resources and a technology center designed to assist students in choosing a major or graduate school program; identifying and researching career options; investigating internship opportunities, summer job options, and full-time employment leads; researching potential employers; improving job search techniques and interviewing skills; and writing effective resumes, cover letters, and graduate school applications. The CRL is open weekdays from 9 a.m. to 4:30 p.m.

**The Student Employment Office (SEO)** serves as a central location for finding part-time or temporary employment while at IU. Positions listed with SEO include both work-study and non-work-study jobs and include opportunities both on and off campus. All positions listed with the SEO are accessible online 24 hours a day. The

SEO also sponsors an annual Camp Day in February and the IU Student Jobs Fair twice each year, which bring together students seeking part-time jobs with employers who have job openings.

For a listing of courses offered by the Career Development Center, please see the section of this *Bulletin* entitled "Course Descriptions for Career Development Center (ASCS)," which is located under "Opportunities Outside the College."

## Course Descriptions for Career Development Center (ASCS)

### ASCS–Q 275 Professional Portfolio Development

(1 cr.) Students create a professional portfolio, an educational tool used for reflection and the practical pursuit of graduate studies and/or career placement. Students incorporate their personal academic experience into a tangible record of their accomplishments in order to communicate the value of their liberal arts education with outside constituents. S/F grading.

### ASCS–Q 294 Basic Career Development (2 cr.)

P: Freshman or sophomore standing. Development and integration of self-assessment, career planning, and academic work. Students design and produce an individual career action plan. Through self-assessment instruments, they develop their understanding of their personal values, interests, skills, and personality in relation to their vocational options, academic process, and career projections. S/F grading.

### ASCS–Q 299 Job and Internship Strategies for Liberal Arts Students (2 cr.)

P: Sophomore, junior, or senior standing. R: Q294. Requires special fee. Emphasis on identifying each individual's marketable skills, locating job possibilities, writing resumes and correspondence, and interviewing for jobs. Stresses the value of the arts and sciences degree in the competitive labor market. Ordinarily taught as an eight-week course. Credit given for only one of the following: Q299, Q400, Business X420, and SPEA-V 352. S/F grading. Requires special fee.

### ASCS–Q 377 The Art of Meaningful Work (3 cr.)

Examines the idea that each of us has a "calling" or unique gift that can make a difference in the world. Through experiential, theoretical, and discussion-oriented exercises, students are challenged to deeply explore personal issues of spirituality, meaning, and purpose in relation to the world of work.

### ASCS–Q 398 Internship: Theory into Practice (1-3 cr.)

Provides opportunity to receive academic credit for a part-time or full-time internship experience that applies classroom concepts to the world of work. Requires approval from Arts and Sciences Career Services, learning contract, employer evaluations, weekly journal, reflective paper, and evaluation of internship site. S/F grading. Offered spring, summer, and fall. Course may be repeated up to a maximum of 6 credit hours.

**ASCS–W 499 Work Assignment (0 cr.)** Offers students the opportunity to integrate academic studies with professional work experience in an internship or cooperative education assignment off-campus. Approval required from Arts and Sciences Career Services.

## Earth Science

Candidates for the B.A. degree who wish to qualify for a secondary teacher's certificate (for more information, please see the listing under School of Education in this section of the *Bulletin*) in earth science or to obtain training in the interdisciplinary field of earth science for any other purpose may do so as majors in either the Department of Geography or the Department of Geological Sciences. For courses that satisfy the requirements for Indiana teacher certification in earth science, see the [School of Education Undergraduate Academic Bulletin](#).

## Jacobs School of Music

College of Arts and Sciences students are eligible for the Minor in Music Studies in the Jacobs School of Music. In addition, a limited number of courses in the theory and history of music offered in the Jacobs School of Music are counted as "inside hours" for College students. For information on which courses count as "inside hours," please see the section of this *Bulletin* entitled "Courses Outside the College," which can be found under "Degree Requirements."

### Minor in Music Studies in the Jacobs School of Music

Note: The following requirements apply to minors offered and transcribed by the College:

- any course in which the student receives a grade below C- cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

### Requirements

Minimum of 20 credit hours, of which at least 15 (including a minimum of one core course) must be taken on the Bloomington campus.

### Core (6 credit hours)

Z111 Introduction to Music Theory I (3 cr.) and Z101 Music for the Listener (3 cr.), or T109 Rudiments of Music (3 cr.) and T151 Music Theory and Literature I (3 cr.), may be substituted for students who qualify.

### Ensemble/Live Performance (2 credit hours)

Either two semesters of X001 All-Campus Ensemble (1 cr.) or by audition, one semester of X040 Instrumental Ensembles (2 cr.), X060, Early Music Ensemble (2 cr.), X070 Choral Ensembles (2 cr.), X030 Ballet Ensemble (2 cr.), X050 Marching Hundred for Non-Music Majors (2 cr.), Z161 Steel Drumming (2 cr.), Z162 Hand Drumming (2 cr.), or Z100 The Live Musical Performance (2 cr.).

### Music Electives (12 credit hours)

Electives in music should be chosen based on the student's background and interest, and with the approval of the director of music undergraduate studies. Courses may include elective performance study at the 100 level (no more than 3 credit hours) and courses with a "Z" prefix.

Other courses inside or outside of the Jacobs School of Music may be used as electives if approved by both the director of music undergraduate studies and the Associate Dean for Undergraduate Education in the College of Arts and Sciences. Music ensemble credits

beyond the two required above do not count toward music electives. At least 6 credit hours must be at the 300 level or higher.

### Music Courses that are Counted as "Inside Hours" for College Students

- M385 Film Sound and Film Music (3 cr.) **A & H**
- M392 Art Musics of the Non-Western World (3 cr.) **A & H, CSA**
- M396 (AAAD A396) Art Music of Black Composers (3 cr.) **A & H, CSA**
- M401 History and Literature of Music I (4 cr.) **A & H**
- M402 History and Literature of Music II (4 cr.) **A & H**
- T418 Music and Ideas (3 cr.) **A & H**
- Z101 Music for the Listener I (3 cr.) **A & H**
- Z111 Introduction to Music Theory I (3 cr.) **A & H**
- Z171 Opera Theatre I (3 cr.) **A & H**
- Z172 Opera Theatre II (3 cr.) **A & H**
- Z201 History of Rock and Roll Music I (3 cr.) **A & H**
- Z202 History of Rock and Roll Music II (3 cr.) **A & H**
- Z211 Music Theory II (3 cr.) **A & H**
- Z301 Rock Music in the '70s and '80s (3 cr.) **A & H**
- Z311 Music Theory III (3 cr.) **A & H**
- Z315 Music for Film (3 cr.) **A & H**
- Z373 American Musical: Context and Development (3 cr.) **A & H**
- Z385 History of the Blues (3 cr.) **A & H, CSA**
- Z390 Jazz for Listeners (3 cr.) **A & H**
- Z393 (AAAD A393) History of Jazz (3 cr.) **A & H, CSA**
- Z394 (AAAD A394) Black Music in America/ Survey of African American Music (3 cr.) **A & H, CSA**
- Z395 (AAAD A395) Contemporary Jazz and Soul Music (3 cr.) **A & H, CSA**
- Z401 The Music of the Beatles (3 cr.) **A & H**
- Z402 Music of Frank Zappa (3 cr.) **A & H**
- Z403 The Music of Jimi Hendrix (3 cr.) **A & H**
- Z404 The Music of Bob Dylan (3 cr.) **A & H**
- Z413 Latin American Popular Music (3 cr.) **A & H, CSA**
- Z415 Connections: Music, Art, Literature (3 cr.) **A & H**

### Kelley School of Business

The Kelley School of Business offers three minors that are available to students from the College of Arts and Sciences:

- Minor in Business
- Minor in Entrepreneurship and Small Business Management
- Minor in Marketing

Please note the following:

- A candidate for a Bachelor's degree in the College of Arts and Sciences must satisfactorily complete a minimum of 100 credit hours in courses offered by the College. Students may select the remaining 22 credit hours from courses in the College and/or from courses outside the College. For information about credit hours, please see the section of this *Bulletin* entitled "Courses Outside the College," which can be found under "Degree Requirements."

- Students certified to earn a bachelor's degree in the College who have already completed 26 or more credit hours of College course work that count toward graduation may obtain the minors listed above and described below.
- Students should meet with an advisor from their major department to ensure that program planning is accurate.

The following requirements apply to minors offered and transcribed by the College:

- any course in which the student receives a grade below C– cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

The following additional requirements also apply to the three Kelley School of Business Minors:

- A100 is a prerequisite for both A201 and A202. However, transfer students who complete A201 or A202 at another campus are not required to take A100.
- Computer Science majors may substitute CSCI C211 for BUS K201 in any of the three minors.
- All 300–400 level course work must be completed on the Bloomington campus.
- None of the course work may be taken by independent study/correspondence, distance education, or "Courses to Go."
- College students may apply online at the [College Recorder's Office](#) web site for the Minor in Business, the Minor in Entrepreneurship and Small Business Management, and the Minor in Marketing.

Students pursuing a major in Apparel Merchandising or in Telecommunications should consult with the advisor for their major regarding the requirements for business minors that have been specially designed for these students.

#### Minor in Business

The basic Minor in Business is intended for non-business majors who have personal or career goals that will be reinforced by business course work.

#### Requirements

- Successfully complete the following courses:
  - BUS A200 or A201 or A202 (3 cr.)
  - BUS K201 (3 cr.), with a grade of C or higher
  - BUS L201 (3 cr.)
- Successfully complete four of the following additional elective courses:
  - BUS F300 (3 cr.)
  - BUS G300 (3 cr.)
  - BUS M300 (3 cr.)
  - BUS P300 (3 cr.)
  - BUS Z302 or J306 (3 cr.)

ECON E201 is recommended to round out the student's minor in business but not required. Students may apply online for the Minor in Business on the College Recorder's Web site ([college.indiana.edu/recorder](http://college.indiana.edu/recorder)).

### Minor in Entrepreneurship and Small Business Management

The 21 credit hour Minor in Entrepreneurship and Small Business Management is intended for non-business majors who have aspirations and goals in business that will require entrepreneurial skills. Such students might plan to open businesses of their own or work for smaller and/or family-owned businesses. As an alternative to the more traditional minor in business, the Minor in Entrepreneurship and Small Business Management allows such students to pursue their career goals more directly.

#### Requirements

- Successfully complete the following courses
  - BUS A200 or A201 or A202 (3 cr.)
  - BUS K201 (3 cr.), with a grade of C or higher (see note above)
  - BUS L201 or L311 (3 cr.)
  - BUS W212 (3 cr.)
  - BUS M300 (3 cr.)
  - BUS W300 (3 cr.)
- Successfully complete one of the following elective courses (**Note:** Students who matriculated to IU Bloomington prior to fall 2003 do not need to take an elective for this minor):
  - BUS F300 (3 cr.)
  - BUS G300 (3 cr.)
  - BUS P300 (3 cr.)
  - BUS Z302 or J306 (3 cr.)

### Minor in Marketing

This 21 credit hour minor is intended for non-business majors who have aspirations and goals in business that will require marketing skills. As an alternative to the more traditional Minor in Business, the Minor in Marketing allows such students to pursue their career goals more directly.

#### Requirements

- Successfully complete the following courses:
  - BUS A200 or A201 or A202 (3 cr.)
  - BUS K201 (3 cr.), with a grade of C or higher
  - BUS L201 (3 cr.)
  - BUS M300 (3 cr.)
  - BUS M311 or M312 (3 cr.)
- Successfully complete two of the following additional elective courses:
  - BUS M311 or M312 (if not used for required course above) (3 cr.)
  - BUS F300 (3 cr.)
  - BUS G300 (3 cr.)
  - BUS P300 (3 cr.)
  - BUS Z302 or J306 (3 cr.)

### School of Dentistry

Students may be admitted to the School of Dentistry upon receipt of their Bachelor's degrees or at the end of three years in the College of Arts and Sciences. Information regarding admission to the School of Dentistry may be obtained from the director of admissions of the School

of Dentistry and from the [Health Professions and Prelaw Center](#), Maxwell Hall 010, (812) 855-1873.

### Bachelor's Degree—D.D.S. Program

Students who are admitted to the School of Dentistry after completing 90 credit hours in the College of Arts and Sciences and who have satisfied the College's fundamental skills, distribution, and major concentration requirements may apply 32 credit hours earned their first year in dentistry as College electives and, at the end of that year, earn the Bachelor's degree. The requirements listed under "Requirements for All Bachelor Degrees," which can be found under "Degree Requirements," are still in effect.

### School of Education

#### Minor in Educational Studies

This minor is designed for undergraduates outside the School of Education interested in education as a field of study, i.e. as a social institution, public policy arena, or as a developmental process. Students interested in the education minor must meet with a School of Education academic advisor to identify a course plan and have the minor entered onto their undergraduate program record.

**Note:** The following three requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C- cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

#### Requirements

15 credit hours in education courses, including:

- One of the following foundations courses: EDUC F205 or H340 (3 cr.)
- One of the following developmental/learning courses or course sequences:
  - P248 (3 cr.)
  - P251 and M101 (4 cr.)
  - P254 and M201(5 cr.)
  - P312 and P313 (6 cr.)
  - P314 (3 cr.)
- Select additional course work from the following courses for a total of at least 15 credit hours.
- At least 6 credit hours must be at the 300–400 level.

#### Electives

(all courses are 3 credits unless otherwise noted)

#### General Education

- \*EDUC F200 Examining Self as Teacher
- EDUC G203 Communication in the Classroom

#### Educational Psychology

- \*EDUC P251 Educational Psychology for Elementary Teachers AND
- EDUC M101 Field Experience (1 cr.)
- \*EDUC P248 Development of the Healthy Student

- \*EDUC P254 Educational Psychology for Teachers of All Grades
- EDUC M201 Field Experience (1 cr.)
- \*EDUC P312 Learning Theory into Practice AND
- \*EDUC P313 Adolescents in a Learning Community
- EDUC P314 Life Span Development
- PSY P315 Developmental Psychology

### **Foundations of Education**

- \*EDUC F205 Study of Education & the Practice of Teaching
- EDUC F401 Topical Exploration in Education (1–3 cr.)
- \*EDUC H340 Education and American Culture

### **Art Education**

- \*EDUC M135 Self Instruction in Art (1–3 cr.)
- \*EDUC M200 Artifacts, Museums & Everyday Life

### **Computer Education**

- \*EDUC W200 Using Computers in Education
- EDUC W210 Survey of Computer Based Education
- EDUC W220 Technical Issues in Computer Based Education

### **Mathematics Education**

- EDUC M302 Algebra Throughout the Secondary Curriculum (P: M301 or M303; C: T403) (1 cr.)
- EDUC M302 Math Modeling Throughout the Secondary Curriculum (C: M447) (1 cr.)
- EDUC M302 Calculus Throughout the Secondary Curriculum (C: M212) (1 cr.)
- EDUC M302 Probability and Statistics Throughout the Secondary Curriculum (C: M365) (1 cr.)

### **Multicultural Education**

- \*EDUC E300 Elementary Education for a Pluralistic Society OR
- \*EDUC M300 Teaching in a Pluralistic Society
- EDUC T450 Cultural/Community Forces and the Schools

### **Special Education**

- \* EDUC K205 Introduction to Exceptional Children

### **Individualized Research (By Arrangement With Individual Faculty)**

- EDUC K490 Research in Special Education (1–3 cr.)
- EDUC E490 Research in Elementary Education (1–3 cr.)
- EDUC L490 Research in Language Education (1–3 cr.)
- EDUC P490 Research in Educational Psychology (1–3 cr.)
- EDUC S490 Research in Secondary School (1–3 cr.)
- EDUC W450 Research in Instructional Computing (1–6 cr.)
- EDUC X490 Research in Language Education (1–6 cr.)

Courses marked with an (\*) asterisk meet teacher education program requirements as specified.

### **Teacher's Certificate**

With very careful planning, a student may, in four years, earn a teacher's certificate for senior high/junior high/middle school and complete the requirements for a Bachelor's degree in the College of Arts and Sciences. For details, see the [School of Education Undergraduate Academic Bulletin](#).

Most undergraduate professional education courses numbered 301 and above (except H340, K306, P312, and P313) are closed to students who have not been admitted to the Teacher Education Program. Students are encouraged to apply for admission to the Teacher Education Program during the first semester of their junior year. Criteria for admission are:

- An overall grade point average of 2.500 or higher.
- Successful completion of the state-mandated PRAXIS I Pre-Professional Skills Test (reading, writing, and mathematics).
- Completion of at least 21 credit hours of coursework in the major (15 credit hours completed and a maximum of 6 credit hours in progress) with a 2.500 (except mathematics 2.000) or higher grade point average.
- Successful completion of or enrollment in Education M300, P312, P313, and W200 for secondary students.
- Applications to start authorized classes in the spring semester must be submitted at <https://info.educ.indiana.edu/teachered/> by October 1; applications to start in the fall semester must be submitted by March 1.

### **Minimum Academic Standards for Licensing**

- An overall grade point average of 2.500 or higher.
- A grade point average of 2.500 or higher (2.000 for mathematics) in all courses in the content field (major).
- A grade point average of 2.500 or higher in all professional education courses and no grade lower than C.
- Successful completion of Praxis II test in the content field (major).
- Successful completion of all program course work requirements.
- Successful candidates apply to the State of Indiana for an initial secondary teaching license at the Middle School/Junior High/Senior High settings.

All secondary programs are under revision. Please contact a School of Education advisor at (812) 856-8510 or [TeEdAdv@indiana.edu](mailto:TeEdAdv@indiana.edu) for accurate and current information.

### **School of Health, Physical Education, and Recreation**

The School of Health, Physical Education, and Recreation (HPER) offers 7 minors that are available to students from the College of Arts and Sciences:

- Dance
- Exercise Science
- Fundraising and Resource Development
- Gerontology
- Human Development and Family Studies



- Nutrition
- Public Health

**Note:** The following three requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C– cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

College students interested in earning one of the above minors may contact the minor advisor for more information.

### **Dance Minor (18 cr.)**

Academic Advisor: Gwen Hamm, [hamm@indiana.edu](mailto:hamm@indiana.edu)

### **Dance Core Courses (6 cr.)**

Complete the following courses:

- HPER D111 Core of Dance Techniques I (3 cr.) (Fall)
- HPER D331 Dance: Experience and Art Form (3 cr.) (Spring) or

### **Emphasis (6 cr.)**

Complete six credits hours from ONE of the following categories:

#### **Teaching/Dance Science**

- HPER A387 Management of Dance Injuries (3 cr.) P: P205
- HPER D200 Dance in Elementary Education (1 cr.)
- HPER D351 Teaching of Modern Dance (1 cr.) P: D211
- HPER D461 Basic Movement Analysis (1 cr.)
- HPER P205 Structural Kinesiology (3 cr.)
- HPER P224 Teaching of Dance Activities (2 cr.)
- HPER P445 Special Topics in Kinesiology: Part I—Professional Study of Pilates Matwork (3 cr.)
- HPER P445 Special Topics in Kinesiology: Part II—Teacher Training in Pilates Matwork (3 cr.)
- HPER P 495 Laboratory Teaching in the Physical Education Program (1 cr.)
- HPER P498 Required Practicum for Physical Education and Athletics: Part II-Teacher Training in Pilates Matwork (requires authorization) (1 cr.)

OR

#### **Performance/Choreography**

- AAAD A100 African American Dance Company (2 cr.) (By audition)
- HPER D102 Body Conditioning for Dance (1 cr.)
- HPER D121 Techniques of Movement Improvisation (1 cr.) (Fall)
- HPER D353 Musical Resources for Dance (Fall)
- HPER D441 Dance Production I (2 cr.)
- THTR T300 Musical Theatre Workshop (3 cr.) (By audition) (Fall)
- THTR T410 Movement for the Theatre (3 cr.) (P: T120) or

- Any advisor-approved Musical Theatre Dance course

OR

#### **Interdisciplinary**

Select 6 credit hours combined from Teaching/Dance Science and Performance/Choreography.

#### **Modern Technique (3 cr.)**

Select 3 credit hours of modern dance.

- HPER D211; D212 Advanced Modern Technique I-II (2 cr. and 3 cr.) (By audition only)
- HPER E155 Modern Dance I Beginning (1 cr.)
- HPER E255 Modern Dance I Intermediate (1 cr.)
- HPER E355 Modern Dance I Advanced (1 cr.)

#### **Supporting Technique (3 cr.)**

Select 3 credit hours of a supporting dance form (or choose 3 additional credit hours from "Modern Technique" above).

- AAAD A221 Dance in the African Diaspora (2 cr.) (Fall) or
- AAAD A399 Advanced Topics in Arts and Humanities in African American and African Diaspora Studies (Topic: Black Dance History) (3 cr.)
- HPER E100 Hip Hop (1 cr.)
- HPER E132 Irish Dance I Beginning (1 cr.)
- HPER E134 Middle Eastern Dance (1 cr.)
- HPER E232 Irish Dance I Intermediate (1 cr.)
- HPER E156 Introduction to Jazz Dance Technique (1 cr.)
- HPER E256 Jazz Dance Intermediate (1 cr.)
- HPER E456 Jazz Dance Advanced (2 cr.)
- HPER E457 Jazz Repertory (1 cr.)
- HPER E154 Tap Dance I Beginning (1 cr.)
- HPER E254 Tap Dance I Intermediate (1 cr.)
- HPER E354 Tap Dance I Advanced (1 cr.)
- MUS J100 Ballet Elective/Secondary (2 cr.)
- MUS J210 Jazz Dance (1 cr.)

### **Exercise Science Minor (18 cr.)**

Academic Advisor: Cindy Moore, [cmmoore@indiana.edu](mailto:cmmoore@indiana.edu)

#### **Exercise Science Core Course (3 cr.)**

Complete the following course:

- HPER P212 Introduction to Exercise Science (3 cr.)

#### **Exercise Science Elective Courses (15 cr.)**

Select 15 credit hours from the following courses:

- HPER P205 Structural Kinesiology (3 cr.)
- HPER P391 Biomechanics (3 cr.)
- HPER P398 Adapted Physical Education (3 cr.)
- HPER P405 Introduction to Sport Psychology (3 cr.)
- HPER P409 Basic Physiology of Exercise (3 cr.)
- HPER P452 Motor Learning (3 cr.)
- HPER P488 Athletic Training Assessment of and Adaptation for Individuals with Physical Disabilities (3 cr.)
- HPER P490 Motor Development and Learning (3 cr.)

**Fundraising and Resource Development Minor (18 cr.)**

Academic Advisor: Charles Chancellor,  
[hcchance@indiana.edu](mailto:hcchance@indiana.edu)

Note:

- Students must complete a minimum of 6 credits at the 300/400 level.
- An internship (HPER-T499) is strongly recommended for all minor students.

**Fundraising and Resource Development Core Courses (5 cr.)**

Complete the following two courses:

- HPER T101 Resource Development/ Fundraising (3 cr.)
- HPER T201 Annual Giving (2 cr.) (Spring semester only)

**Fundraising and Resource Development Electives (4 cr.)**

Complete two of the following courses:

- HPER T202 Major Gifts and Planned Giving (2 cr.)
- HPER T203 Development Services (2 cr.)
- HPER T301 Capital Campaigns (2 cr.)
- HPER T302 Development Marketing and Analytical Services (2 cr.)
- HPER T401 Advanced Planning Giving Techniques, Wills, and Estates (2 cr.)

**Ethics Elective (3 cr.)**

Complete one of the following courses:

- PHIL P140 Introduction to Ethics (3 cr.)
- REL R170 Religion, Ethics, and Public Life (3 cr.)

**Writing and Public Speaking Elective (3 cr.)**

Complete one of the following courses:

- CMCL C121 Public Speaking (3 cr.)
- CMCL C122 Interpersonal Communication (3 cr.)
- CMCL C205 Introduction to Communication and Culture (3 cr.)
- CMCL C225 Discussion and Decision Making (3 cr.)
- CMCL C228 Argumentation and Public Advocacy (3 cr.)
- CMCL C229 Ways of Speaking (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- ENG W240 Community Service Writing (3 cr.)
- ENG W270 Argumentative Writing (3 cr.)
- ENG W350 Advanced Expository Writing (3 cr.)
- THTR T120 Acting I (3 cr.)

**Social Organization and Behavior Elective (3 cr.)**

Complete one of the following courses:

- ANTH E105 Culture and Society (3 cr.)
- HIST A307 American Cultural History (3 cr.)
- HIST A347 American Urban History (3 cr.)
- POLS Y105 Introduction to Political Theory (3 cr.)
- POLS Y308 Urban Politics (3 cr.)
- POLS Y326 American Social Welfare Policy (3 cr.)
- SOC S215 Social Change (3 cr.)

- SOC S217 Social Inequality (3 cr.)
- SOC S360 Topics in Social Organization (3 cr.) (Appropriate topics)
- SPEA V221 Nonprofit and Voluntary Sector (3 cr.)
- SPEA V362 Nonprofit Management and Leadership (3 cr.)

**Gerontology Minor (15 cr.)**

Academic Advisor: Harriet Castrataro,  
[hcastrat@indiana.edu](mailto:hcastrat@indiana.edu)

Note: Two prerequisite courses, HPER F150 and HPER F258, or their equivalents, are required for this minor. For this reason, an additional 6 credit hours will be required for students without any background in life span development or family interaction.

**Gerontology Core Courses (9 cr.)**

Complete each of the following courses:

- HPER C 315 Health in the Later Years (3 cr.)
- HPER C 354 Multidisciplinary Perspectives in Gerontology (3 cr.)
- HPER F 348 Human Development III: Early, Middle, and Late Adulthood (3 cr.)

**Gerontology Elective Course I (3 cr.)**

Complete one of the following courses:

- HPER-C 335 Contemporary Issues in Aging and Health (3 cr.)
- HPER C403 Public Health Program Planning (3 cr.)
- HPER F453 Family Life Education (3 cr.)

**Gerontology Elective Course II (3 cr.)**

Complete any one course from the following which was not used above:

- HPER C335 Aging Health, and Diverse Populations (3 cr.)
- HPER C403 Public Health Program Planning (3 cr.)
- HPER F453 Family Life Education (3 cr.)
- HPER R366 Therapeutic Interventions with the Elderly2 (3 cr.)
- HPER F150 Introduction to Life Span Human Development (3 cr.)
- HPER F255 Human Sexuality (3 cr.)
- HPER F460 Grief in the Family Context (3 cr.)
- HPER H220 Death and Dying (3 cr.)
- HPER N 331 Life Cycle Nutrition (3 cr.)
- HPER R365 Leisure and Aging (3 cr.)
- SPEA-H320 Health Systems Administration (3 cr.)
- SPHS-S307 Cognition/Communication in Aging (3 cr.)
- A COLL Topics course may be taken as an elective with advisor approval.

**Human Development and Family Studies Minor (15 cr.)**

Academic Advisor: Leila Dabbagh, [ldabbagh@indiana.edu](mailto:ldabbagh@indiana.edu)

**Human Development and Family Studies Core Courses (6 cr.)**

Complete each of the following courses:

- HPER F150 Introduction to Life Span Development (3 cr.)

- HPER F258 Marriage and Family Interaction (3 cr.)

### Human Development and Family Studies Elective Courses (9 cr.)

Complete three of the following courses:

- HPER F255 Human Sexuality (3 cr.)
- HPER F317 Topical Seminar in Human Development/Family Studies (3 cr.)
- HPER F341 Effects of Divorce on Children (3 cr.)
- HPER F345 Parent-Child Interaction (3 cr.)
- HPER F346 Human Development I-Conception through Early Childhood (3 cr.)
- HPER F347 Human Development II-Middle Childhood through Adolescence (3 cr.)
- HPER F348 Human Development III-Early, Middle, and Late Adulthood (3 cr.)
- HPER F355 Leading Family Process Discussion Groups (3 cr.)
- HPER F370 Family Health and the Media (3 cr.)
- HPER F417 African American and Latino Families (3 cr.)
- HPER F453 Family Life Education (3 cr.)
- HPER F457 Stress and Resilience in the Family (3 cr.)
- HPER F460 Grief in a Family Context (3 cr.)

### Nutrition Minor (15 cr.)

Academic Advisor: Harriet Castrataro,  
[hcastrat@indiana.edu](mailto:hcastrat@indiana.edu)

### Nutrition Core Courses (6 cr.)

Complete each of the following courses:

- HPER N120 Introduction to Foods (3 cr.)
- HPER N220 Nutrition for Health (3 cr.) or HPER N231 Human Nutrition (3 cr.)

### Nutrition Elective Courses (9 cr.)

Complete three of the following courses:

- HPER N317 Topical Seminar in Nutrition/Dietetics (3 cr.) Approved topics: Nutrition in the Community; Diet, Exercise, and Fitness
- HPER N320 Food Chemistry (3 cr.)
- HPER N331 Life Cycle Nutrition (3 cr.)
- HPER N430 Advanced Nutrition I (3 cr.)
- HPER N431 Medical Nutrition Therapy (3 cr.)
- HPER N432 Advanced Nutrition II (3 cr.)
- HPER N480 Mechanisms of Nutrient Action in the Body (3 cr.)

### Public Health Minor (15 cr.)

Academic Advisor: Harriet Castrataro,  
[hcastrat@indiana.edu](mailto:hcastrat@indiana.edu)

### Public Health Core Courses (9 cr.)

Complete the following three courses:

- HPER C366 Community Health (3 cr.) (Fall)
- HPER C403 Principles of Public Health Program Planning (3 cr.) (P: C 366 and Junior or Senior status)
- HPER H311 Human Disease and Epidemiology (3 cr.)

### Public Health Elective Courses (6 cr.)

Complete two of the following courses:

- HPER C310 Health Care in Diverse Communities (3 cr.) (Fall)
- HPER C354 Multidisciplinary Perspectives on Gerontology (3 cr.)
- HPER F150 Introduction to Life-Span Human Development (3 cr.)
- HPER F255 Human Sexuality (3 cr.)
- HPER F258 Marriage and Family Interaction (3 cr.)
- HPER F317 Topical Seminar in Human Development and Family Studies (repeatable with different topics), or HPER F341 Effects of Divorce on Children (Spring), or HPER F345 Parent/Child Relations (P: HPER F150 and F258 or equivalent), or HPER F355 Leading Family Process Discussion Groups (P: HPER F258 with a "B" or higher; interview with professor)
- HPER H163 Emerging Health Issues (repeatable with different topics) (3 cr.)
- HPER H172 International Health and Social Issues (3 cr.)
- HPER H174 Prevention of Violence in American Society (3 cr.)
- HPER H180 Stress Prevention and Management (3 cr.)
- HPER H220 Death and Dying (3 cr.) (Spring)
- HPER H234 Prevention of Cardiovascular Disease (3 cr.)
- HPER H263 Personal Health (3 cr.)
- HPER H305 Women's Health (3 cr.)
- HPER H306 Men's Health (3 cr.)
- HPER H315 Consumer Health (3 cr.)
- HPER H317 Topical Seminar in Health Education (3 cr.) (repeatable with different topics)
- HPER H318 Drug Use in American Society (3 cr.)
- HPER H320 The Nature of Cancer (3 cr.)
- HPER H324 Gerontology: Multidisciplinary Perspectives (obsolete course number)
- HPER H326 AIDS and Other STDs (3 cr.) (Summer only)
- HPER H327 Practicum in College: Death Education (3 cr.) (P: Permission of instructor) (Spring)
- HPER H340 Practicum in College: Sex Education (3 cr.) (P: Permission of instructor)
- HPER H350 Complementary and Alternative Approaches to Health (3 cr.) (Fall)
- HPER H391 Introduction to Health Information and Statistics (3 cr.)
- HPER H418 The Nature of Addiction (3 cr.) (Fall)
- HPER H445 Travel Study (3 cr.)
- HPER H464 Coordinated School Health Programs (3 cr.)
- HPER H494 Research and Evaluation Methods in Health and Safety (3 cr.)
- HPER N220 Nutrition for Health (or N231) (3 cr.)
- HPER N331 Life Cycle Nutrition (3 cr.) (Spring)
- HPER N336 Community Nutrition (3 cr.) (P: HPER N220 or N231) (Fall)
- HPER S317 Topical Seminar in Safety Education (3 cr.)

## School of Informatics and Computing

### Introduction

Students from the College of Arts and Sciences can pursue a B.A. or a minor in Computer Science through the School of Informatics and Computing. The courses that make up the B.A. and the minor in Computer Science count as "inside hours" for College students. For information about these courses, please go to <http://www.cs.indiana.edu/>. Students pursuing the B.A. in Computer Science can also obtain a minor in business.

In addition, the School of Informatics and Computing offers four minors and one certificate that the College will transcript. The courses that make up these four minors and certificate count as "outside hours" for College students.

### Major in Computer Science—B.A.

Although the Department of Computer Science is part of the School of Informatics and Computing, the B.A. in Computer Science is issued through the College. Students pursuing the BA will be subject to rules established for other students in the College, while specific requirements for the major will be jointly determined by the College and the School of Informatics and Computing.

For additional information and clarification, please read carefully this section of the *Bulletin* and contact Jim Brown, the Computer Science advisor in the College of Arts and Sciences, at 855-1647; [jaebrown@indiana.edu](mailto:jaebrown@indiana.edu).

### Required Courses

Students must complete the following:

- All four computer science core classes: C211, C212, C241, and C343 or corresponding H versions. Honors versions (labeled H) of each core course are available in selected semesters.
- A total of 30 hours (including #1) with the remainder chosen from the following list. At least 15 credit hours must be at the 300 level or above.
  - CSCI C, P, H, and B courses numbered 200 and above
  - CSCI Y390, Y391, Y399, Y499 (at most 6 hours)
  - CSCI H498 (at most 1 hour) Honors Seminar
  - INFO I101 (if completed before or concurrently with C212)
  - INFO Y395 Career Development (at most 1 hour)
  - INFO I494/I495 (or H versions) Capstone project
  - Math M471, M472 Numerical Methods
- Mathematics M211 or M118
- In addition to #3, one mathematical science and one of the following courses:
  - Mathematical science
  - Foundations
  - Statistics

Students must complete the degree requirements of the College of Arts and Sciences.

### Foundations Courses

The phrase "foundations courses" refers to computer science courses B401, B403, and P415.

### Mathematical Science Courses

The phrase "mathematical science courses" refers to Mathematics M118, M211, M212, M213, M301, M303, M311, M312, M343, M348, M371, M384, M391, M405, or M409, or Philosophy P250, P251, P350, or P352.

### Statistics Courses

The phrase "statistics course" refers to Mathematics M360, M365, or Statistics S320, or Economics E370.

### B.A. in Computer Science with Honors

The computer science honors program gives outstanding students the opportunity to pursue a challenging undergraduate program of courses, independent study, and research leading to departmental honors. Students must satisfy the requirements for the B.A. in computer science and the following additional requirements:

- Computer science courses must include at least 11 credit hours of honors courses (H courses or Y499).
- Computer science courses must include at least one of the following:
  - Y499, leading to an honors thesis.
  - A "programming-in-the-large" (P) course.
  - A graduate-level computer science course (500 level or above).

Computer science majors with a minimum grade point average of 3.300 in computer science courses as well as a minimum overall grade point average of 3.300 may apply for admission to the honors program. Ordinarily this is done during the second semester of the sophomore year or the first semester of the junior year by contacting the undergraduate advisor.

Students must complete the degree requirements of the College of Arts and Sciences.

### Minor in Business

Available to students who are pursuing a B.A. in Computer Science.

**Note:** The following three requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C- cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

Students earning a B.A. degree with a major in computer science may obtain a minor in business by successfully completing: Business A200 (or equivalent), L201, CSCI C211, and four of the following five courses: F300, M300, P300, Z302, or G300.

### Minor in Computer Science

Although the Department of Computer Science is part of the School of Informatics and Computing, the minor in Computer Science is issued through the College. Students

pursuing the minor will be subject to rules established for other students in the College, while specific requirements for the minor will be jointly determined by the College and the School of Informatics and Computing. The required courses for this minor count as "inside hours" for College students.

The minor is available only to students not pursuing a major in Computer Science

**Note:** The following three requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C– cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

**Requirements** Students must complete a minimum of 15 credit hours in the College of Arts and Sciences and/or the School of Informatics and Computing to include the following: C211, C212, C241, and either C335 or C343.

#### Four "Outside Minors" and One Certificate Offered by the School of Informatics and Computing

Students pursuing a Bachelor's degree from the College of Arts and Sciences can obtain one of four "outside minors" and one certificate offered and administered by the School of Informatics and Computing. The courses that make up these "outside minors" and certificate do not count as inside hours for College students.

**Note:** The following requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

#### Minor in Informatics

**Note:**

- Students must successfully complete a minimum of 15 credit hours.
- Any course in which the student receives a grade below C may not be used to fulfill a minor requirement;
- CSCI majors may not count upper-level CSCI courses in this minor if used to fulfill major requirements.

#### Required Courses

- INFO-I 101 Introduction to Informatics (4 cr.)
- INFO-I 201 Mathematical Foundations of Informatics (4 cr.)
- INFO-I 202 Social Information (3 cr.)
- INFO-I 210 Information Infrastructure I (4 cr.)
- INFO-I 211 Information Infrastructure II (4 cr.)
- INFO-I 300 Human-Computer Interaction
- INFO-I 308 Information Representation (3 cr.) P: I101, I201, I210

- Two courses from the list of informatics electives— please see the [School of Informatics Undergraduate 2008-2010 Academic Bulletin](#) for a list of these courses.

#### Minor in Human-Centered Computing

**Note:**

- Students must successfully complete a minimum of 15 credit hours:
- Any course in which the student receives a grade below C- may not be used to fulfill a minor requirement.

#### Required Courses

- INFO-I 101 Introduction to Informatics (4 cr.)  
OR CSCI-A 110 Introduction to Computers and Computing (3 cr.)
- INFO-I 202 Social Informatics (3 cr.)
- INFO-I 300 Human-computer Interaction Design and Programming (3cr.)
- Students must complete TWO electives from the following:
  - CSCI-A 216 Digital Multimedia Concepts and Technologies (3 cr.)
  - INFO-I 303 Organizational Informatics (3 cr.)
  - INFO-I 310 Multimedia Arts and Technology (3 cr.)
  - INFO-I 330 Legal and Social Informatics (3 cr.)
  - INFO-I 356 Globalization, Where We Fit In (3 cr.)
  - INFO-I 441 Human-Computer Interaction and Design (3 cr.)
  - INFO-I 453 Computer and Information Ethics (3 cr.)
  - INFO-I 399/INFO-I 400 Topics\* in Informatics (with permission of the Director for Undergraduate Studies)

\*Only one approved topics course counts toward the minor.

#### Minor in Information Technology

**Note:**

- Computer science majors are not eligible for this minor;
- Students must successfully complete a minimum of 15 credit hours;
- Any course in which the student receives a grade below C- may not be used to fulfill a minor requirement.

#### Required Courses

- CSCI-A 201 Introduction to Programming I (4 cr.) and CSCI-A 202 Introduction to Programming II (4 cr.); **OR** CSCI-C 211 Introduction to Computer Science (4 cr.) and CSCI-C 212 Introduction to Software Systems (4 cr.)
- CSCI-A 338 Network Technologies and Administration (4 cr.)
- CSCI-A 346 User-Interface Programming (3 cr.) **OR** CSCI-A 348 Mastering the World Wide Web (3-4 cr.)

**Minor in Security Informatics****Note:**

- Students must successfully complete a minimum of 16 credit hours:
- Any course in which the student receives a grade below C- may not be used to fulfill a minor requirement.

**Required courses (7 credit hours)**

- INFO-I 130 Introduction to Cybersecurity (1 cr.)
- INFO-I 230 Analytical Foundations of Security (3 cr.)
- INFO-I 231 Math Foundations of Cybersecurity (3 cr.)

**Additional courses (9 credit hours selected from the following)**

- INFO-I 330 Legal and Social Informatics of Security (3 cr.)
- INFO-I 400 Topics in Security—when security related, approval required (3 cr.)
- INFO-I 430 Security for Networked Systems (3 cr.)
- INFO-I 433 Systems and Protocol Security and Information Assurance (3 cr.)
- INFO-I 453 Information Ethics (3 cr.)
- BUS-S 433 Information Systems Security (3 cr.)

**Certificate in Informatics****Note:**

- Students must successfully complete a minimum of 8 courses:
- Any course in which the student receives a grade below C may not be used to fulfill a requirement for the certificate;
- CSCI majors may not count upper-level CSCI courses in this certificate if used to fulfill major requirements.

**Required Courses**

- INFO-I 101 Introduction to Informatics (4 cr.)
- INFO-I 201 Mathematical Foundations of Informatics (4 cr.)
- INFO-I 202 Social Informatics (3 cr.)
- INFO-I 210 Information Infrastructure (4 cr.)
- INFO-I 211 Information Infrastructure II (4 cr.)
- INFO-I 300 Human-Computer Interaction (3 cr.)
- INFO-I 308 Information Representation (3 cr.)
- One additional course from the list of informatics electives—please see the [School of Informatics Undergraduate 2008-2010 Academic Bulletin](#) for a list of these courses..

**School of Journalism****Certificate in Journalism**

Students in good academic standing at Indiana University who are not majoring in journalism, telecommunications, sports communication program—broadcast emphasis, or any other major or program that requires a substantial number of mass communications courses are eligible to apply to the certificate program in journalism. Students must file an application with the School of Journalism for admission to the certificate program. To be considered for admission, students must have completed 26 credit hours

with a minimum 2.200 cumulative GPA (FX and WF will be calculated as F), including the following:

1. One journalism course with a grade of C or higher, chosen from JOUR-J 110, J 200, J 210.
2. English composition with grade of C or higher (or exemption).
3. One semester of a foreign language.
4. The mathematics fundamental skills requirement with a grade of C– or higher (or exemption).

The following courses are required for the certificate. A grade of C– or higher in each course (with the exception of the courses used for admission to the Certificate—J110, J200, or J210—in which a grade of C or higher is required) and an overall GPA of 2.000 in all courses taken for the Certificate are required.

1. Core courses (16 cr.):
  - J 110 Foundations of Journalism and Mass Communication
  - J 155 Research Techniques for Journalists (1 cr.)
  - J 200 Reporting, Writing and Editing I
  - J 210 Visual Communication
  - J 300 Communications Law
  - J 410 The Media as Social Institutions
2. Two courses from the approved list of advanced skills courses (6 cr.):
  - J 201 Reporting, Writing, and Editing II
  - J 315 Feature Writing
  - J 341 Newspaper Reporting
  - J 342 Magazine Reporting
  - J 343 Broadcast News
  - J 344 Photojournalism Reporting
  - J 349 Public Relations Writing
  - J 351 Newspaper Editing
  - J 352 Magazine Editing
  - J 353 Advanced Broadcast News
  - J 354 Photojournalism Editing
  - J 385 Television News
  - J 401 Depth Reporting and Editing
  - J 413 Magazine Article Writing
  - J 420 Advertising as Communication
  - J 429 Public Relations Campaigns
  - J 444 Advanced Photojournalism
  - J 455 News Analysis and Opinion Writing
  - J 463 Graphic Design I
  - J 464 Infographics
  - J 465 Graphic Design II
3. One 3 credit hour elective in journalism, or a College of Arts and Sciences intensive writing or statistics course.

For more information, visit the School of Journalism Web site at [www.journalism.indiana.edu](http://www.journalism.indiana.edu).

**School of Medicine**

The Medical Sciences Program offers a variety of courses that help prepare students for graduate study and careers in fields such as allied health, exercise science, medicine, dentistry, optometry and nursing. The courses offered are not required for entrance into medical school but are required for admittance to other professional schools.

For more information, please contact the Medical Sciences Office, Jordan Hall 104, (812) 855-0616, or visit the Web site at [www.bloomington.medicine.iu.edu](http://www.bloomington.medicine.iu.edu). Academic counseling information may be obtained from the Director of Undergraduate Studies, Jordan Hall 010A, (812) 855-7723.

### Minor in Medical Sciences

Students earning a Bachelor's degree from the College of Arts and Sciences may obtain a minor from the School of Medicine. An overall GPA of at least 2.700 is required in course work toward the minor.

**Note:** The following requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C– cannot be used to fulfill a minor requirement.

Students must complete at least 16 credit hours to include:

1. ANAT A215 (5 cr.) and PHSL P215 (5 cr.)
2. An additional 6 credit hours from the following 300–400 level electives: MSCI M450 (a maximum of 3 credits may be included in the minor), MSCI M470, MSCI M480, MSCI M485, MSCI M490 (a maximum of 3 credits may be included in the minor), ANAT A464, ANAT A480, PHSL P416, PHYS P314.

### Courses

Although a Bachelor's degree is not offered in either anatomy or physiology, the courses listed below are undergraduate courses offered under the auspices of the School of Medicine, Medical Sciences Program. Note that all MSCI courses are listed in the [Schedule of Classes](#) under "Medical Sciences," while ANAT courses are listed under the header "Anatomy" and PHSL courses are listed under "Physiology." Students should also see the entry for "Biology" in this *Bulletin*.

- MSCI M131 Disease and the Human Body (3 cr.)  
**N & M**
- ANAT A215 Basic Human Anatomy (5 cr.) **N & M**
- PHSL P215 Basic Human Physiology (5 cr.) **N & M**
- MSCI M216 Medical Science of Psychoactive Drugs (3 cr.) **N & M**
- PHSL P416 Comparative Animal Physiology (3 cr.)
- PHSL P421 Principles of Human Physiology (3 cr.)
- MSCI M450 Undergraduate Research in Biomedical Sciences (1–6 cr.)
- ANAT A464 Human Tissue Biology (4 cr.)
- MSCI M470 Mechanisms of Human Disease (3 cr.)
- ANAT A480 Human Anatomy for Medical Imaging Evaluation (3 cr.)
- MSCI M480 Molecular Biology of Cancer: Cell Signaling and Fate (3 cr.)
- MSCI M485 Physiology of Human Disease (4 cr.)
- MSCI M490 Special Topics in Biomedical Sciences (1–6 cr.)
- MSCI M499 Internship in Medical Sciences Instruction (3 cr.)

## School of Optometry

### Introduction

The School of Optometry offers three degree programs: the two-year Associate of Science degree in Optometric Technology/Opticianry for optometric technicians and opticians, the Doctor of Optometry program for the education of optometrists, and the graduate program in vision science, which leads to the Master of Science and Doctor of Philosophy degrees for those interested in research and teaching.

### Optician/Technician Program

Students completing the program are qualified to begin a career as an optometric technician or an optician. The general nontechnical courses, such as English composition and required electives, may be completed either before or after the optician/technician courses. An additional option allows students to become laboratory opticians by completing courses in lens surfacing and fabrication (optician's laboratory concentration).

### Doctor of Optometry Program

A student may be admitted to the school's Doctor of Optometry program after earning a Bachelor's degree or after completing a minimum of 90 credit hours in the College of Arts and Sciences. Major areas of concentration are typically in the physical, biological, or behavioral sciences, but other fields may be selected. General courses specifically required for admission to the optometry program are listed in the School of Optometry bulletin.

### Bachelor's Degree—O.D. Program

A student who is admitted to the School of Optometry after completing 90 credit hours in the College of Arts and Sciences and who has satisfied the fundamental skills, distribution, and major concentration requirements may apply 32 credit hours in optometry as electives toward the Bachelor's degree from the College. The requirements listed under "Requirements for All Bachelor Degrees" (under the section of this *Bulletin* entitled "Degree Requirements") are still in effect.

### Courses for the Nonmajor

Certain courses offered by the School of Optometry, such as those that examine fundamental aspects of vision, may have application to the career fields of students completing majors in other degree programs. With the necessary prerequisites and permission of both the instructor and the dean of the School of Optometry, a nonmajor may be allowed to register for one such optometry course per semester or summer session. For advice on optometry courses that might fulfill a specific objective, the student should consult the Office of Student Administration, School of Optometry 310, (812) 855-1917.

## School of Public and Environmental Affairs

The School of Public and Environmental Affairs (SPEA) offers 11 minors on the Bloomington campus, and the College of Arts and Sciences has approved all 11 for its students. SPEA also offers a Certificate in Arts Administration. For information on the certificate, please see below. For information on the B.S. in Environmental Science (B.S.E.S.), please see the section of this *Bulletin*

entitled "Environmental Science," which can be found under "Departments."

A candidate for a Bachelor's degree in the College of Arts and Sciences must satisfactorily complete a minimum of 100 credit hours in courses offered by the College. Students may select the remaining 22 credit hours from courses in the College and/or from courses outside the College. For information about credit hours, please see the section of this *Bulletin* entitled "Courses Outside the College," which can be found under "Degree Requirements."

The minors are:

- Public and Environmental Affairs
- Environmental Management
- Environmental Science and Health
- Health Systems Administration
- Human Resources
- Information Systems
- Legal Studies
- Management
- Nonprofit Management
- Policy Studies
- Public Finance

**Note:** The following requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C- cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

**The following requirements also apply to SPEA minors:**

- students interested in earning one of these minors must fill out a form in the SPEA Undergraduate Program Office (SPEA 240) before the minor can be added to their academic record;
- College students are held to the course lists published below and will not be allowed course substitutions;
- for students in the College, at least 6 of the 15 credit hours must be at the 300-400 level.

#### **Requirements for the Minor in Public and Environmental Affairs**

1. SPEA V160 or V161.
2. SPEA E162 or E272.
3. Three of the following courses: SPEA E272 (if not used above), E400 (may be repeated for credit with advisor approval), V220, V263, V366, V373, V432, V444, V450 (approved topics only—may be repeated for credit with advisor approval).

#### **Requirements for the Minor in Environmental Management**

1. SPEA E272 and E363.
2. One of the following courses: SPEA E311, E340, E465, E466, or E476.

3. Two additional courses chosen from number 2 above or from the following courses: SPEA E325, E355, E400 (may be repeated for credit with advisor approval), E410, E411, E412, E419, E422, E431, E440, E451, E452, E456, E457, E460, E461, E475, H316, V401, V435.

#### **Requirements for the Minor in Environmental Science and Health**

1. SPEA E272, E410, H316.
2. Two of the following courses: SPEA E375, E410, E431, E451, E452, or other courses in Environmental Science approved by a SPEA advisor.

#### **Requirements for the Minor in Health Systems Administration**

1. SPEA H320 and V373.
2. Three of the following courses: SPEA H352, H353, H354, H401, H402, H411, H432, H455 (may be repeated for credit with advisor approval), H456, V432.

#### **Requirements for the Minor in Human Resources**

1. SPEA V160 or V161.
2. All of the following courses: SPEA V366, V373, and V432.
3. One of the following courses: SPEA V435, V436, V443, V450 (approved topics only—may be repeated for credit with advisor approval), V463.

#### **Requirements for the Minor in Information Systems**

1. SPEA V261, V369, and V475.
2. Two of the following course: SPEA E325, E418, E419, V348, V450 (approved topics only—may be repeated for credit with advisor approval), V461, V465, or other courses approved by a SPEA advisor.

#### **Requirements for the Minor in Legal Studies**

1. SPEA V220 and V377.
2. Three of the following courses: SPEA V456 (may be repeated with advisor approval), V405, V406, V407, V435, H441.

#### **Requirements for the Minor in Management**

1. SPEA V160 or V161.
2. SPEA V263.
3. Three of the following courses: SPEA V220, V340, V361, V362, V366, V368, V369, V372, V373, V432, V435, V436, V443, V450 (approved topics only—may be repeated for credit with advisor approval), V463, V465, V475.

#### **Requirements for the Minor in Nonprofit Management**

1. SPEA V160 or V161.
2. SPEA V362.
3. Three of the following courses: SPEA H320, V221, V263, V340, V356, V361, V436, V441, V442, V450 (approved topics only—may be repeated for credit with advisor approval), V458, V462, V463.



**Requirements for the Minor in Policy Studies**

1. SPEA V160 or V161.
2. Four of the following courses: SPEA V348, V370, V386, V401, V499.

**Requirements for the Minor in Public Finance**

1. All of the following courses: SPEA V246, V346, V361, V372.
2. One additional course chosen in consultation with a SPEA advisor.

**Certificate in Arts Administration**

The School of Public and Environmental Affairs offers the Certificate in Arts Administration to provide undergraduate students in the College of Arts and Sciences and the Jacobs School of Music with a coordinated set of course work and experiences in arts administration to complement their primary interest in the performing or visual arts. The course work for the Certificate in Arts Administration expands students' management skills and opportunities for employment while enhancing their applied experiences in the arts.

Students applying for the Certificate in Arts Administration must have completed at least 24 undergraduate credits at Indiana University and compiled a cumulative grade point average of 3.000 or higher. Certificate students are expected to have a solid background in either the performing or visual arts.

**(21 credit hours):**

1. All of the following three courses: SPEA A354, SPEA V220, and SPEA V362.
2. One of the following courses: SPEA V246, SPEA V372, SPEA V373, BUS L201, or BUS L250.
3. 9 credit hours from the following courses: SPEA A163, SPEA A236, SPEA A241, SPEA A336, SPEA A405, SPEA A450 (topics vary by semester and can be repeated for credit), SPEA A459, SPEA A464, SPEA V361, SPEA V380 (student must have internship approved by Arts Administration Department), SPEA V438, SPEA V458, AADM Y412, AMID F402, AMID F403, ANTH A403, ANTH P401, FINA U400, THTR T428, BUS L315.

**Note :** Additional Arts Administration Program courses are still in development. For information, contact the Arts Administration Office at (812) 855-0282.

**School of Social Work****Undergraduate Program**

The School of Social Work offers an undergraduate program leading to the Bachelor of Social Work (B.S.W.) The B.S.W. prepares students for entry-level social work positions in a variety of social service fields. In addition, graduates of this program who are admitted to many graduate programs may receive advance credit toward completion of the requirements for the degree of Master of Social Work.

All of the required social work courses for the B.S.W. degree are offered on the Indiana University campuses at Bloomington, Indianapolis (IUPUI), and Richmond (East).

**Admission Requirements**

Students are admitted to the program each year on a competitive basis. The following are the minimum requirements for admission to the program:

- Regular admission to the university.
- Completion of at least 12 credit hours of college-level courses or two semesters of full-time study, including the required introductory course in social work (S141).
- A minimum cumulative grade point average of 2.500 on a 4.000 scale.
- Evidence of personal suitability and interest relevant to social work education. Such evidence may be derived from the application materials, letters of reference, pertinent work experience, and performance in the introductory course.

Applications may be submitted any time before the priority date of April 1 for admission the following fall semester. Application packets are available in the School of Social Work office and online each December. Admission decisions are made in late May, and students are notified about their applications in June.

For further information, call the School of Social Work Bloomington office, 1127 E. Atwater Avenue, (812) 855-4427, or visit the Web site ([bloomington.socialwork.iu.edu/](http://bloomington.socialwork.iu.edu/)).

**Note:** The following requirements apply to minors offered and transcribed by the College:

- students must complete 6 credit hours in the minor on the Bloomington campus;
- any course in which the student receives a grade below C– cannot be used to fulfill a minor requirement;
- the grade point average of all courses taken in fulfillment of minor requirements must be at least 2.000.

**Minor in Social Welfare Advocacy (15 credit hours) Requirements**

- SWK S100 Understanding Diversity in a Pluralistic Society
- SWK S141 Introduction to Social Work
- SWK S251 Emergence of Social Services (P: S141)
- SWK S352 Social Service Delivery Systems (P: S251)
- Any SWK S300 non-major social work class

**Labor Studies Program: Minor in Labor Studies (15 credit hours) Requirements**

6 credit hours must be selected from the following lower division courses:

- LSTU L100 Unions and Collective Bargaining (3 cr.)
- LSTU L101 American Labor History (3 cr.)
- LSTU L105 Contemporary Labor Problems (3 cr.)
- LSTU L110 Labor and Society (3 cr.)
- LSTU L200 Employment Law (3 cr.)
- LSTU L201 Labor Law (3 cr.)
- LSTU L203 Labor and the Political System (3 cr.)
- LSTU L230 Labor and the Economy (3 cr.)

In addition, 9 credit hours are required from the following:

- LSTU L315 The Organization of work (3 cr.) or SOC S315 Work and Occupations (3 cr.)
- LSTU L375 Comparative Labor Movements (3 cr.)
- LSTU L380 Theories of the Labor Movement (3 cr.)
- LSTU L385 Class, Race, Gender, and Work (3 cr.)
- LSTU L390 Topics in Labor Studies (3 cr.)  
(depending on the topic, and after consultation with faculty advisor within the College of Arts and Sciences)
- LSTU L480 Senior Seminar or Readings (3 cr.)  
(Topics vary)

## Studying Abroad

The College of Arts and Sciences encourages students to take part in programs of overseas study sponsored by Indiana University. For information about such programs, please see the section of this *Bulletin* entitled "Overseas Study Programs," which can be found under "Academic Opportunities," which in turn can be found under "Distinctions & Opportunities."

Students may also apply to programs administered by other institutions and organizations. Credits from non-Indiana University programs may be accepted as transfer credit, subject to the following conditions:

1. Indiana University admissions policy limits the acceptance of transfer credit from study-abroad to programs administered by a regionally accredited U.S. college or university, or by a foreign institution recognized by the ministry of education of the country as a university-level institution.
2. Credit can be awarded only upon receipt of an official transcript, or equivalent document, listing specific courses taken and grades assigned. The amount of credit awarded by overseas study may not exceed the number of credit hours that can be earned at Indiana University in the same amount of time.
3. The assignment of equivalent Indiana University course numbers or undistributed credit for course work transferred from non-Indiana University overseas study programs is subject to the approval of the appropriate academic departments and an assistant dean of the College of Arts and Sciences.
4. Course work not approved for transfer as credit in a particular academic department may be accepted, with the approval of the College of Arts and Sciences, as College of Arts and Sciences foreign study credit. However, no more than 8 hours of such credit can be counted toward a degree in the College of Arts and Sciences.
5. In cases where courses taken abroad fall into a set sequence of courses at Indiana University, the relevant academic departments may at their discretion require examinations before any transfer credit is awarded. Specific examples include courses in foreign languages, applied music, music theory, mathematics, and natural sciences.
6. Overseas study programs vary greatly in quality. No transfer credit at all may be awarded for programs of uncertain quality, despite the issuance of a transcript.

7. Students denied transfer credit for overseas study may seek credit by examination, as outlined elsewhere in this bulletin.

To assure that credits can be accepted from a particular overseas program, students are urged to submit a Credit Transfer Agreement form to the Office of International Admissions prior to committing themselves to participating in the program. Forms may be obtained online from the Office of Overseas Study ([www.indiana.edu/~overseas/programs/noniu.shtml](http://www.indiana.edu/~overseas/programs/noniu.shtml)).

Under certain circumstances students may be permitted to use Indiana University financial aid toward programs sponsored by organizations other than Indiana University. Information and application forms may be obtained from the Office of Overseas Study, Franklin Hall 303, (812) 855-9304. For such an application to be approved, the course work undertaken overseas must be integral to the student's major program at Indiana University, and the application must be approved by the student's academic department and the Office of Overseas Study.

## Appendix 1: Culture Studies Courses

The following courses can be taken in (partial) fulfillment of the College's Culture Studies requirement.

### List A

Courses on this list focus on a culture or cultures other than the dominant cultures of the United States and of modern Western Europe. Students may take two courses from this list to fulfill the Culture Studies requirement, or may take one course from this list and one course from List B.

#### African American and African Diaspora Studies

- A112 Black Music of Two Worlds
- A131 Early African American and African Diaspora Literature
- A132 Recent African American and African Diaspora Literature
- A150 Survey of the Culture of Black Americans
- A154 History of Race in the Americas
- A156 Black Liberation Struggles Against Jim Crow and Apartheid
- A169 Introduction to African American Literature
- A201 Introduction to African American and African Diaspora Studies
- A203 Studying Blacks of the New World: African Americans and Africans in the African Diaspora
- A210 Black Women in the Diaspora
- A249 African American Autobiography
- A255 The Black Church in America
- A264 History of Sport and the African American Experience
- A265 Modern Sports and the African American Experience
- A277 Images of Blacks in Films: 1903–1950s
- A278 Contemporary Black Film
- A283 Blacks in American Drama and Theatre, 1767–1945
- A290 Sociocultural Perspective of African American Music
- A292 African American Folklore
- A295 Survey of Hip Hop
- A297 Popular Music of Black America
- A304 Black Paris
- A345 Hip Hop Music and Culture
- A350 Black Atlantic
- A352 African American Art II: African American Artists
- A354 Transnational Americas
- A355 (HIST A355) African American History I
- A356 (HIST A356) African American History II
- A360 Slavery: Worldwide Perspective
- A379 Early Black American Writing
- A380 Contemporary Black American Writing
- A384 Blacks in American Drama and Theatre, 1945–Present
- A385 Seminar in Black Theatre
- A386 Black Feminist Perspectives
- A387 Black Migration
- A388 Motown
- A393 (MUS Z393) History of Jazz
- A394 (MUS Z394) Survey of African American Music

- A395 (MUS Z395) Contemporary Jazz and Soul Music
- A396 (MUS M396) Art Music of Black Composers
- A407 African American and African Protest Strategies
- A408 Race, Gender, and Class in Cross-Cultural Perspectives
- A420 Transforming Divided Communities and Societies
- A430 The Cinema of African Women
- A480 The Black Novel
- A485 Lorraine Hansberry: Black Dramatist
- A496 Black Religious Music

#### African Studies

- L202 Occultism in Africa
- L210 Popular Akan Oral Art Forms
- L231 African Civilization
- L232 Contemporary Africa
- L400 Topics in African Studies

#### American Studies

- A275 Indigenous Worldviews in the Americas
- A350 Topics in Interdisciplinary American Studies (Approved topic: Popular Culture of Asia in America)

#### Anthropology

- E110 Indians of Mexico: Ancient and Modern
- E206 Chanting Down Babylon: Protest and Popular Culture in the Afro-Caribbean
- E240 Southwestern American Indian Ritual and Belief
- E260 Culture, Health, and Illness
- E275 Indigenous Worldviews
- E300 Culture Areas and Ethnic Groups (Approved topic: Islam in and out of Africa)
- E310 Introduction to the Cultures of Africa
- E312 African Religions
- E319 American Indian Religions
- E320 Indians of North America
- E321 Peoples of Mexico
- E322 Peoples of Brazil
- E323 Indians of Indiana
- E324 Native American Art
- E327 Native Amazonians and the Environment
- E329 Indians in the United States in the Twentieth Century
- E330 Indians of South America
- E332 Jewish Women: Anthropological Perspectives
- E335 Ancient Civilizations of Mesoamerica
- E340 Indians of Mexico and Central America
- E345 China through Anthropological Eyes
- E347 The Anthropology of Contemporary Japan
- E348 Peoples and Cultures of Russia, Ukraine, and Newly Independent States
- E370 Peasant Society and Culture
- E371 Modern Jewish Culture and Society
- E397 (CEUS R352/NELC N397) Peoples and Cultures of the Middle East
- E398 (CEUS R316) Peoples and Cultures of Central Asia
- E412 Anthropology of Russia and Eastern Europe
- E417 African Women

- E418 Globalization and Consumer Culture
- E428 Contemporary Latin American Social Movements
- E475 Law and Culture
- L318 Navajo Language and Culture
- P230 Archaeology of the Ancient Maya
- P341 Archaeology of the Middle East
- P350 Archaeology of Ancient Mexico
- P370 Ancient Civilizations of the Andes
- P371 Prehistory of Lowland South America

### **Apparel Merchandising and Interior Design**

- F301 Dress Studies: Cultural Analysis

### **Asian American Studies**

- A101 Introduction to Asian American Studies
- A201 Asian Diaspora Experience
- A300 Topics in Asian American Studies

### **Central Eurasian Studies**

- R199 Introductory Topics in Central Eurasian Studies (Approved topic: Central Asia: Cultures and Customs)
- R250 Introduction to the Ancient Near East
- R251 Post-Taliban Afghanistan and the War on Terror
- R270 The Civilization of Tibet
- R291 Inner Asian Religious Beliefs
- R312 Shrine and Pilgrimage in Central Asian Islam
- R313 Islam in Soviet Union and Successor States
- R314 Islamization in Inner Asia
- R315 Politics and Society in Central Asia
- R316 (ANTH E398) Peoples and Cultures of Central Asia
- R340 Introduction to Hungarian Studies
- R342 Roma (Gypsy) History and Culture
- R349 Topics in Hungarian Studies (Approved topics: Transylvania; Budapest in the Nineteenth and Twentieth Centuries: The Evolution of a European Capital; Hungarian Art in European Context; Transylvania-A Central European Region from Historical and Anthropological Perspectives; Comparative Urban Culture in East Central Europe in the Nineteenth and Twentieth Centuries; Hungary through Literature and Film; History of Hungary 1945–2000)
- R351 Prophets, Poets, and Kings: Iranian Civilization
- R352 (ANTH E397/CEUS U397/NELC N397) Peoples and Cultures of the Middle East
- R354 (NELC N380) Persian Literature in Translation
- R360 Modern Mongolia
- R370 Introduction to the History of Tibet
- R371 Tibet and the West
- R372 Sino-Tibetan Relations
- R379 Topics in Tibetan Studies (Approved topic: Constructing Culture: Imagine Tibet)
- R383 Ten Sultans, One Empire: Ottoman Classical Age, 1300-1600
- R389 Topics in Turkish Studies (Approved topic: Turks in History)
- R393 The Mongol Century
- R413 Islamic Central Asia, Sixteenth–Nineteenth Centuries

- R414 The Yasavi Sufis and Central Asian Islam
- R415 The Naqshbandi Sufi Tradition in Central Asia
- R416 Religion and Power in Islamic Central Asia
- R441 Art and Music of Nineteenth and Twentieth Century Hungary

### **Classical Studies**

- C101 Ancient Greek Culture
- C102 Roman Culture
- C205 Classical Mythology
- C206 (FINA A206) Classical Art and Archaeology
- C308 Roman Law
- C310 Classical Drama
- C311 Classical Epics
- C321 Classical Myth and Culture in Film
- C350 Greek Literature in Translation
- C351 The Golden Age of Athens
- C360 Roman Literature in Translation
- C395 Topics in Classical Art and Archaeology (Approved topic: Gender in the Prehistoric Aegean)
- C412 The Art and Archaeology of the Aegean
- C491 Topics in Classical Studies (Approved topic: The Secret History of Classical Texts)

### **Communication and Culture**

- C201 Race and the Media
- C202 Media in the Global Context
- C238 Communication in Black America
- C334 Current Topics in Communication and Culture (Approved topics: International Deaf Communities; Latinos in the Media)
- C398 National Cinemas (Approved Topic: Brazilian Cinema)
- C412 Race, Gender, and Representation
- C415 Topics in Communication and Culture in Comparative Perspective (Approved topic: South Asia through Performance)
- C422 Performance, Culture, and Power in the Middle East and North Africa
- C430 Native American Communication and Performance

### **Comparative Literature**

- C147 Images of the Self: East and West
- C155 Culture and the Modern Experience: An Interdisciplinary and International Approach
- C200 Honors Seminar (Approved topics: Poetry and Society: The Arabic Ode in Comparative Text; The Arabic Novel, from Center to Periphery; Introduction to African Cinema)
- C257 Asian Literature and Other Arts
- C261 Introduction to African Literature
- C262 cross-Cultural Encounters
- C265 Introduction to East Asian Poetry
- C266 Introduction to East Asian Fiction
- C291 Studies in Non-Western Film
- C301 Special Topics in Comparative Literature
- C321 Medieval Literature
- C325 The Renaissance
- C340 Women in World Literature
- C360 Diasporic Literatures
- C361 African Literature and Other Arts
- C363 Black Paris

- C364 The Caribbean: Literature and Theory
- C365 Japanese-Western Literary Relations
- C370 Comparative Studies in Western and Middle Eastern Literatures
- C375 Imagining China, Translating China
- C377 Topics in Yiddish Literature
- C378 Topics in Yiddish Culture
- C415 Medieval Lyric
- C417 Medieval Narrative
- C445 Early Traditions of Christian Literature
- C464 French Language Literature of Africa and the Americas

### **Criminal Justice**

- P401 Environmental Justice

### **East Asian Languages and Cultures**

- E100 East Asia: An Introduction
- E101 The World and East Asia
- E110 Popular Culture in East Asia
- E160 The Daoist Body
- E180 cross-Cultural Experiences of War: East Asia and the United States
- E200 Introduction to East Asian Studies
- E201 Issues in East Asian Literature
- E202 Issues in East Asian Traditions and Ideas
- E203 Issues in East Asian Cultural History
- E204 Issues in East Asian Society
- E231 Japan: The Living Tradition
- E232 China Past and Present: Culture in Continuing Revolution
- E233 Survey of Korean Civilization
- E251 Traditional East Asian Civilizations
- E252 (HIST H207) Modern East Asian Civilization
- E270 Japanese Language and Society
- E271 Twentieth-Century Japanese Culture
- E300 Studies in East Asian Literature
- E301 Chinese Language and Culture
- E302 Geographic Patterns in China
- E303 Korean Folk and Elite Cultures
- E305 Korean Language and Culture
- E321 Traditional Japanese Literature
- E322 Modern Japanese Literature
- E331 Traditional Chinese Literature
- E332 Chinese Literature since 1300
- E333 Studies in Chinese Cinema
- E350 (HIST G380) Studies in East Asian Society
- E351 Studies in East Asian Thought
- E352 Studies in East Asian History
- E354 Society and Education in Japan
- E371 Twentieth-Century Chinese Literature
- E372 Japanese Fiction and Culture
- E374 (PHIL P374/REL B374) Early Chinese Philosophy
- E384 East Asian Nationalism and Cultural Identity
- E385 Asian Americans: Cultural Conflict and Identity
- E386 United States-East Asian Relations
- E390 Contemporary Chinese Politics
- E392 Chinese Foreign Policy
- E393 China's Political Economy
- E394 Business and Public Policy in Japan
- E395 Japan in World Trade and Politics

- E473 History of Japanese Theatre and Drama
- E497 Overseas Study Tour
- J491 Humanities Topics in Japanese
- J492 Historical and Cultural Topics in Japanese

### **English**

- L241 American Jewish Writers
- L364 Native American Literature
- L374 Ethnic American Literature
- L375 Studies in Jewish Literature
- L396 Studies in African American Literature and Culture

### **Fine Arts**

- A155 Introduction to African Art
- A160 Introduction to East Asian Art
- A200 Topics in Art History (Approved topic: Introduction to Jewish Art)
- A206 (CLAS C206) Classical Art and Archaeology
- A214 Art and Life in Ancient Rome
- A226 Survey of Medieval Art
- A231 The Age of Giants: Art in the Time of Leonardo and Michelangelo
- A233 Renaissance and Baroque Art in Italy, 1250–1700
- A234 Renaissance Florence
- A262 Introduction to Japanese Art and Culture
- A311 The Art of the Classical Age of Greece
- A321 Early Medieval Art
- A327 Survey of Islamic Art
- A337 Age of Rubens and Rembrandt
- A346 Roots and Revolution: Early Twentieth-Century Mexican Art
- A351 Art of the South Pacific
- A352 Art of Eastern and Southern Africa
- A355 Art, Craft, and Technology in Sub-Saharan Africa
- A356 Art of Central Africa
- A360 Topics in East Asian Art
- A412 The Art and Archaeology of the Aegean
- A452 Art of Pre-Columbian America
- A453 Art of Sub-Saharan Africa I: Arts of Africa's Western Sudan
- A454 Art of Sub-Saharan Africa II: Arts of the West African Coast
- A464 Art and Archaeology of Early China
- A466 Early Chinese Painting
- A467 Later Chinese Painting
- A480 Russian Art
- A490 Topics in Art History (Approved topics: Istanbul; Ottoman Istanbul: From Imperial Capital to Modern Metropolis)

### **Folklore and Ethnomusicology**

- E112 Black Music of Two Worlds
- E295 Survey of Hip Hop
- E297 Popular Music of Black America
- E302 Music in African Life
- E345 Hip Hop Music and Culture
- E388 Motown
- E394 Survey of African American Music
- E496 African American Religious Music
- F275 Indigenous Worldviews

- F301 African Folklore/Folklife/Folk Music
- F305 Asian Folklore/Folklife/Folk Music
- F307 Middle Eastern Folklore/Folklife/Folk Music
- F315 Latin American Folklore/Folklife/Folk Music
- F320 Pacific Folklore/Folklife/Folk Music
- F351 North American Folklore/Folklife/Folk Music
- F352 Native American Folklore/Folklife/Folk Music
- F353 Native American Film and Video
- F354 African American Folklore/Folklife/Folk Music
- F356 Chicano Folklore/Folklife/Folk Music
- F358 Jewish Folklore/Folklife/Folk Music
- F359 Exploring Jewish Identity Today
- F360 Indiana Folklore/Folklife/Folk Music
- F361 Traditional Arts Indiana: Documenting Indiana Traditions
- F363 Women's Folklore/Folklife/Folk Music

### French and Italian

- F361 La France medievale (jusqu'à 1500)
- F410 French Literature of the Middle Ages
- F450 Colloquium in French Studies—Tradition and Ideas
- F460 La francophonie nord-américaine
- F463 Civilisation française I
- M222 Topics in Italian Culture
- M234 Florence in Florence
- M307 Masterpieces of Italian Literature I
- M333 Dante and His Times
- M340 Boccaccio's Social *Decameron*
- M345 Italian Renaissance Art and Literature
- M445 Risorgimento

### Gender Studies

- G104 Topics in the Study of Gender (Approved topic: Latinas in the U.S.)
- G215 Sex and Gender in Cross-Cultural Perspective
- G225 Gender, Sexuality, and Popular Culture
- G410 International Feminist Debates

### Geography

- G323 Geography of Latin America
- G427 Russia and Its Neighbors

### Germanic Studies

- E351 Topics in Yiddish Literature
- E352 Topics in Yiddish Culture

### History

- A205 Asian American History
- A207 Introduction to Native American History
- A300 Issues in United States History (Approved topic: Immigrant Nations: Latinos)
- A310 Survey of American Indians I
- A311 Survey of American Indians II
- A352 History of Latinos in the United States
- A355 (AAAD A355) African American History I
- A356 (AAAD A356) African American History II
- B321 European Jews in the Age of Discovery
- B322 Jews in the Modern World
- B323 History of the Holocaust
- B324 Zionism and the State of Israel
- B330 The Jews of Spain
- B348 Byzantine History

- B351 Western Europe in the Early Middle Ages
- B352 Western Europe in the High and Later Middle Ages
- B353 The Renaissance
- B354 The Reformation
- B356 French Revolution and Napoleon
- C205 Introduction to Islamic Civilization
- C210 The Making of the Modern Middle East
- C376 Greek History: Bronze Age to the Persian Wars
- C377 Greek History: The Persian Wars to the Legacy of Alexander
- C388 Roman History
- C390 The Decline and Fall of the Roman Empire
- C393 Ottoman History
- D102 Icon and Axe: Russia from Earliest Times to 1861
- D103 Icon and Axe: Russia from 1861 to Present
- D201 The Fall of Communism
- D302 The Gorbachev Revolution and the Collapse of the Soviet Empire
- D303 Heroes and Villains in Russian History
- D304 Jews of Eastern Europe
- D305 Women in Russian History and Soviet Society
- D306 Muscovy and Imperial Russia, 1500–1801
- D308 Empire of the Tsar
- D309 Russia in World War II: Battles and People
- D310 Russian Revolutions and the Soviet Regime
- D320 Modern Ukraine
- D321 Hungarian History and Civilization to 1711
- D322 Hungarian History and Civilization, 1711–1918
- D325 Path to Emancipation: Nationalism in the Balkans, 1804–1923
- D327 Nation-Making and Imperial Decline in East Central Europe, 1780–1918
- D329 Eastern Europe in the First Half of the Twentieth Century
- D330 Eastern Europe in the Second Half of the Twentieth Century
- E331 African History from Ancient Times to Empires and City States
- E332 African History from Colonial Rule to Independence
- E333 Conflict in Southern Africa
- E334 History of Western Africa
- E336 History of East Africa
- E338 History of Muslim West Africa
- E340 African History and Popular Culture
- F336 Modern Central American History
- F340 Modern Argentina
- F345 History of Cuba and Puerto Rico
- F346 Modern Mexico
- F348 Introduction to Contemporary Latin American Reality
- G101 East Asia in World History
- G350 Modern South Asia: Eighteenth to Twentieth Century
- G357 Premodern Japan
- G358 Early Modern Japan
- G369 Modern Japan
- G372 Modern Korea

- G380 Early China
- G382 China: The Age of Glory
- G383 China: The Later Empires
- G385 Modern China
- G387 Contemporary China
- H102 The World in the Twentieth Century II
- H103 Europe: Renaissance to Napoleon
- H205 Ancient Civilization
- H206 Medieval Civilization
- H207 (EALC E252) Modern East Asian Civilization
- H208 American-East Asian Relations
- H209 The Origins of Britain
- H211-H212 Latin American Culture and Civilization I- II
- H213 The Black Death
- H223 Between Rome and Constantinople: Eastern Europe and Russia to Mid-Fifteenth Century
- H227 African Civilizations
- H237 Traditional East Asian Civilization
- H238 Introduction to South Asian History and Civilization
- H251 Introduction to Jewish History: From the Bible to Spanish Expulsion
- H252 Introduction to Jewish History: From Spanish Expulsion to the Present
- J300 Seminar in History (Approved topic: Traditional Chinese Society Through Literature)

#### **Hutton Honors College**

- H303 Interdepartmental Colloquia (Approved topics: Constructing Culture: Discovering the Value of Diversity; American Jewish Writers; Literature of the Holocaust)
- H304 Interdepartmental Colloquia (Approved topic: Native American Film and Video)

#### **India Studies**

- I211 Introduction to South Asian History
- I212 The Civilization of Tibet
- I305 Exploring Indian Languages and Literature Through Film
- I310 An Introduction to India
- I320 Contemporary India: History, Politics, and Society
- I347 Meditation Traditions of India
- I368 Philosophies of India
- I370 Literature of India in Translation: Ancient and Classical
- I371 Medieval Devotional Literatures of India (in translation)
- I380 Women in South Asian Religious Traditions
- I402 Introduction to the History of Tibet

#### **Jewish Studies**

- C240 Contemporary Israeli Culture
- C340 The Kibbutz in Fact and Fiction
- C360 Israeli Film and Fiction
- H460 Israeli Film and Fiction in Hebrew
- H480 Modern Hebrew Literature in Hebrew
- H485 Recent Hebrew Literature in Hebrew
- J251 Introduction to Jewish History: From the Bible to Spanish Expulsion

- J252 Introduction to Jewish History: From Spanish Expulsion to the Present
- L380 Modern Hebrew Literature in English
- L385 Recent Hebrew Literature in English
- L395 S. Y. Agnon and the Jewish Experience

#### **Cross-Listed Courses in Jewish Studies**

##### *Anthropology*

- E332 Jewish Women: Anthropological Perspectives
- E371 Modern Jewish Culture and Society

##### *Comparative Literature*

- C377 Topics in Yiddish Literature
- C378 Topics in Yiddish Culture

##### *English*

- L241 American Jewish Writers
- L375 Studies in Jewish Literature

##### *Fine Arts*

- A200 Topics in Art History (Approved topic: Introduction to Jewish Art)
- Folklore and Ethnomusicology
- F358 Jewish Folklore/Folklife/Folk Music

##### *Germanic Studies*

- E351 Topics in Yiddish Literature
- E352 Topics in Yiddish Culture

##### *History*

- B321 European Jews in the Age of Discovery
- B322 Jews in the Modern World
- B323 History of the Holocaust
- B324 Zionism and the State of Israel
- D304 Jews of Eastern Europe
- H251 Introduction to Jewish History: From the Bible to Spanish Expulsion
- H252 Introduction to Jewish History: From Spanish Expulsion to the Present

##### *Hutton Honors College*

- H303 Interdepartmental Colloquia (Approved topic: American Jewish Writers)

##### *Philosophy*

- P205 Modern Jewish Philosophy
- P305 Topics in the Philosophy of Judaism

##### *Political Science*

- Y352 The Holocaust and Politics

##### *Religious Studies*

- A210 Introduction to Old Testament/Hebrew Bible
- A230 Introduction to Judaism
- A305 Ancient Mediterranean Religions
- A315 Prophecy in Ancient Israel
- A317 Judaism in the Making
- A335 Introduction to Jewish Mysticism
- A415 Topics in Ancient Israelite Religion
- A440 Judaism and Gender: Philosophical and Theological Perspectives
- D362 Religious Issues in Contemporary Judaism
- D385 Messianism and Messiahs in Comparative Perspective
- R152 Jews, Christians, Muslims

##### *Slavic Languages and Literatures*

- R345 Jewish Characters in Russian Literature

- C364 Modern Czech Literature and Culture
- C365 Seminar in Czech and Central European Literatures and Cultures

### Latin American and Caribbean Studies

- L210 The Latin American Experience
- L211 Contemporary Problems in Latin America
- L400 Contemporary Mexico
- L402 Contemporary Brazil
- L403 Contemporary Central America
- L420 New Latin American Cinema

### Latino Studies

- L101 Introduction to Latino Studies
- L102 Introduction to Latino History
- L103 Introduction to Latino Cultures
- L104 Latinas in the United States
- L111 Latino Film: An Introduction and Overview
- L301 Latino Immigrants in United States Society
- L302 Latinos in the Media
- L303 The Latino Family
- L325 Latinos on the Internet
- L380 Latino Education Across the Americas
- L396 Social and Historical Topics in Latino Studies
- L398 Arts and Humanities Topics in Latino Studies
- L481 Languages in Africa

### Medieval Studies

- M200 Medieval Cultures
- M250 Medieval Italy
- M260 Medieval Provence
- M390 Studies in Medieval Culture

### Jacobs School of Music

- M392 Art Musics of the Non-Western World
- M396 Art Music of Black Composers
- Z385 History of the Blues
- Z393 History of Jazz
- Z394 Black Music in America
- Z395 Contemporary Jazz and Soul Music
- Z413 Latin American Popular Music

### Near Eastern Languages and Cultures

- N205 Topics in Middle Eastern Literature (Approved topics: Poetry and Society: The Arabic Ode in Comparative Contexts; In Praise of the Prophet Muhammed; The Arabic Novel, from Center to Periphery; Women in Islam and the Middle East; Contemporary Literature in the Middle East)
- N208 Muslim Communities in Europe and the U.S.: Transnational Islam
- N212 Contemporary Literatures of the Middle East (in English Translation)
- N220 Muhammad: Life of the Prophet
- N245 Introduction to the Ancient Near East
- N265 Introduction to Islamic Civilization
- N305 Issues in Middle Eastern Literature
- N340 Prophets, Poets, and Kings: Iranian Civilization
- N350 Modern Iran
- N352 Contemporary Turkey
- N370 Koranic Studies
- N380 Topics in Persian Literature in Translation
- N385 Persian Mystical Literature in Translation

- N397 (ANTH E397/CEUS R352/CEUS U397) Peoples and Cultures of the Middle East

### Philosophy

- P201 Ancient Greek Philosophy
- P205 Modern Jewish Philosophy
- P301 Medieval Philosophy
- P305 Topics in the Philosophy of Judaism
- P328 Philosophies of India
- P374 (EALC E374/REL B374) Early Chinese Philosophy

### Political Science

- Y325 African American Politics
- Y329 Racial and Ethnic Politics in the United States
- Y332 Russian Politics
- Y333 Chinese Politics
- Y334 Japanese Politics
- Y336 South East Asian Political Systems
- Y337 Latin American Politics
- Y338 African Politics
- Y339 Middle Eastern Politics
- Y340 East European Politics
- Y342 Topics on the Regional Politics of Africa
- Y348 The Politics of Genocide
- Y352 The Holocaust and Politics
- Y353 The Politics of Gender and Sexuality
- Y356 South Asian Politics
- Y368 Russian and Soviet Foreign Policy
- Y381 Classical Political Thought
- Y386 African American Political Thought

### Religious Studies

- A201 Introduction to African Religions
- A210 Introduction to the Old Testament/Hebrew Bible
- A220 Introduction to the New Testament
- A230 Introduction to Judaism
- A270 Introduction to Islam
- A305 Ancient Mediterranean Religions
- A315 Prophecy in Ancient Israel
- A317 Judaism in the Making
- A320 Jesus and the Gospels
- A321 Paul and His Influence in Early Christianity
- A325 Christianity, 50–450
- A326 Early Christian Monasticism
- A335 Introduction to Jewish Mysticism
- A350 Christianity, 400–1500
- A390 The End of Everything: Apocalypse Now and Then
- A395 The Bible and Slavery
- A415 Topics in Ancient Israelite Religion
- A420 Religions of Ancient Rome
- A426 Gnostic Religion and Literature
- A440 Judaism and Gender: Philosophical and Theological Perspectives
- A450 Topics in the History of Christianity
- A470 Topics in Islamic Studies
- A485 The Life and Legacy of Muhammad
- B202 Issues in South and East Asian Religions (Approved topics: The Goddess in Contemporary India; Introduction to Tibetan Buddhism)



- B210 Introduction to Buddhism
- B215 Zen Buddhism
- B220 Introduction to Hinduism
- B240 Introduction to Daoism
- B300 Studies in South and East Asian Religions (Approved topic: Ancient and Classical Literatures of India [in translation])
- B310 East Asian Buddhism
- B320 Hindu Goddesses
- B330 Women in South Asian Religious Traditions
- B335 Mandir and Masjid at the Movies
- B360 Religions in Japan
- B374 Early Chinese Thought
- B420 Topics in Hindu Religious Traditions
- B440 Topics in Daoism and Chinese Religion
- B460 Topics in East Asian Religions
- C280 Indigenous Worldviews
- D330 From Christian Ethics to Social Criticism I
- D362 Religious Issues in Contemporary Judaism
- D370 Topics in Gender and Western Religions (Approved topic: Gender in the Reformation)
- D375 Religion and Literature in Asia
- D385 Messianism and Messiahs in Comparative Perspective
- R152 Jews, Christians, Muslims
- R153 Religions of Asia

#### Russian and East European Institute

- R301 Russian and East European Area Topics
- R302 Russia, Past and Present
- R303 Eastern Europe, Past and Present

#### Slavic Languages and Literatures

- C223 Introduction to Czech Culture
- C363 History of Czech Literature and Culture
- C364 Modern Czech Literature and Culture
- C365 Seminar in Czech and Central European Literatures and Cultures
- P223 Introduction to Polish Culture
- P363 Survey of Polish Literature and Culture I
- P364 Survey of Polish Literature and Culture II
- P365 Topics in Polish Literature and Culture [Approved topic: Post-Communist Polish Culture (1989–Present)]
- P366 Polish Film
- R223 Introduction to Russian Culture
- R224 Contemporary Russian Culture
- R263 Pushkin to Dostoevsky
- R264 Tolstoy to Solzhenitsyn
- R334 Tolstoy and Dostoevsky
- R345 Jewish Characters in Russian Literature
- R349 Myth and Reality: Women in Russian Literature and in Life
- R352 Russian and Soviet Film
- R353 Central European Cinema
- S223 Introduction to Balkan and South Slavic Cultures
- S363 Literature and Culture of the Southern Slavs I
- S364 Literature and Culture of the Southern Slavs II
- U223 Introduction to Ukrainian Culture

#### Sociology

- S335 Race and Ethnic Relations

- S342 Asian American Communities and Identities
- S346 Topics in Cross-Cultural Sociology

#### Spanish and Portuguese

- P400 Literatures of the Portuguese-Speaking World I
- P401 Literatures of the Portuguese-Speaking World II
- P405 Literature and Film in Portuguese
- P410 Brazilian Cinema
- P412 Brazil: The Cultural Context
- P470 Poetry in Portuguese
- P475 Theatre in Portuguese
- S220 Chicano and Puerto Rican Literature
- S260 Introduction to Hispanic Film
- S265 Topics in Hispanic Literature in Translation
- S284 Women in Hispanic Culture
- S324 Introduction to the Study of Hispanic Cultures
- S328 Introduction to Hispanic Literature
- S334 Panoramas of Hispanic Literature
- S412 Spanish America: The Cultural Context
- S413 Hispanic Culture in the United States

#### Speech and Hearing Sciences

- S430 Diversity in Speaking and Acting

#### Telecommunications

- T191 Race, Ethnicity, and Media

#### Theatre and Drama

- T370 History of Theatre and Drama I
- T371 History of Theatre and Drama II
- T460 Development of Dramatic Art I
- T468 Non-Western Theatre and Drama

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#### List B

Courses on this list focus on a culture or cultures of modern Western Europe. Students may use one course from this list toward fulfillment of the Culture Studies requirement.

#### Anthropology

- E387 The Ethnography of Europe
- E400 Undergraduate Seminar (Approved topic: Scandinavia: Image and Reality)

#### Central Eurasian Studies

- R349 Topics in Central Eurasian Studies (Approved topic: European Folk Musics)

#### Communication and Culture

- C393–C394 History of European and American Films I-II
- C398 National Cinema (Approved topic: Post Nouvelle Vague French Film)

#### Comparative Literature

- C145 Major Characters in Literature
- C146 Major Themes in Literature
- C151 Introduction to Popular Culture
- C251 Lyrics and Popular Song
- C255 Modern Literature and Other Arts: An Introduction
- C256 Literature and Other Arts: 1870–1950
- C310 Literature and Film (Approved topic: Germanic Literature and Film)

- C329 The Eighteenth Century
- C333 Romanticism
- C335 Realism, Naturalism, and Symbolism
- C337 The Twentieth Century: Tradition and Change
- C347 Literature and Ideas
- C357 The Arts Today: From 1950 to the Present
- C358 Literature and Music: Opera
- C446 Traditions of Christian Literature II

### Fine Arts

- A342 Twentieth-Century Art
- A440 Nineteenth-Century Painting
- A441 Nineteenth-Century Painting II
- A442 Twentieth-Century Art, 1900–1924

### Folklore and Ethnomusicology

- F312 European Folklore/Folklife/Folk Music

### French and Italian

- F310 Topics in French Literature in Translation
- F311 Contemporary France: Film and Culture
- F362 La France 1500–1800
- F363 La France 1800–aujourd'hui
- F375 Thèmes et perspectives littéraires
- F451 Colloquium in French Studies-Literature and the Arts
- F453 Le Roman au 20e siècle I
- F459 Le Théâtre au 20e siècle
- F461 La France contemporaine: cinema et culture
- F464 Civilisation française II
- M235 Rome, the City and the Myth
- M305 Civiltà italiana moderna
- M306 Italian Short Stories from the Political Unification to the Present
- M308 Masterpieces of Italian Literature II
- M311 Italian Film and Culture
- M390 Studies in the Italian Film
- M463 Contemporary and Popular Italian Culture

### Geography

- G428 Geography of Europe

### Germanic Studies

- E121 An Introduction to German Culture
- E321 Gender and Sexuality in Germany
- E322 German Cultural History
- E323 German Film Culture
- E341 Dutch Culture: The Modern Netherlands
- E342 The Golden Age of Dutch Culture
- E343 Topics in Dutch Literature
- E362 Topics in Scandinavian Culture
- E363 Topics in Scandinavian Literature
- G361 Contemporary Austria
- G362 Introduction to Contemporary Germany
- G363 Introduction to German Cultural History
- G418 German Film and Popular Culture
- G421 Contemporary Germany: Overview
- G422 Contemporary Germany: Special Topics in German Studies
- G424 Literature and Society since 1945
- G464 German Culture and Society

### History

- B260 Women, Men, and Society in Modern Europe

- B357 Modern France
- B359-B360 Europe from Napoleon to the First World War I-II
- B366 Paris and Berlin in the 1920s: A Cultural History
- B368 Modern Italy
- B374 The Cultures of Modern Europe
- B377 History of Germany since 1648 I
- B378 History of Germany since 1648 II
- B386 British Sexual Histories: From Regency Scandals to Sexual Revolution
- H104 Europe: Napoleon to the Present
- H210 Britain's Road to Modernity

### Political Science

- Y335 Western European Politics
- Y347 German Politics
- Y350 Politics of the European Union
- Y382 Modern Political Thought

### Spanish and Portuguese

- S411 Spain: The Cultural Context

### Theatre and Drama

- T461 Development of Dramatic Art II
- T462 Development of Dramatic Art III

### West European Studies

- E350 Advanced Modern Greek II: Literature, History, and Cinema
- W301 Modern European Politics and Society
- W405 Special Topics in West European Studies. See WEUR advisor for appropriate topics. Not all topics will be approved.
- W406 Special Topics in West European Studies. See WEUR advisor for appropriate topics. Not all topics will be approved.

## Appendix II: Distribution Courses

The following courses can be taken in (partial) fulfillment of the College's distribution requirement.

### Arts and Humanities: A & H

### Social and Historical Studies: S & H

### Natural and Mathematical Sciences: N & M

	A & H	S & H	N & M
African American and African Diaspora Studies (AAAD)	A112, A131, A132, A141, A142, A150, A169, A199, A249, A252, A277, A278, A283, A290, A292, A295, A297, A299, A304, A320, A330, A345, A350, A352, A359, A379, A380, A384, A385, A388, A393, A394, A395, A396, A399, A430, A479, A480, A485, A496	A154, A156, A198, A203, A205, A210, A250, A255, A263, A264, A265, A298, A354, A355, A356, A360, A363, A382, A386, A387, A391, A398, A405, A407, A408, A415, A420, A425, A452, A481	
African Studies (AFRI)	L231, L232		
American Studies (AMST)	A100, A200, A202, A298, A351, A398	A201, A275, A299, A300, A399	
Anthropology (ANTH)	A208, E208, E252, E310, E312, E314, E324, E408, E460, E463, E464	A105, A150, A200, A221, A303, A410, B310, E101, E105, E110, E200, E205, E206, E210, E212, E230, E240, E260, E275, E302, E303, E307, E319, E320, E321, E322, E323, E327, E328, E329, E330, E332, E333, E335, E340, E345, E347, E348, E370, E371, E372, E381, E382, E385, E387, E392, E394, E397, E398, E412, E416, E417, E418, E420, E421, E423, E427, E428, E430, E436, E444, E445, E455, E457, E485, L200, L320, L330, L407, P200, P210, P215, P220, P230, P240, P250, P310, P314, P315, P330, P341, P345, P350, P360, P361, P363, P365, P375, P430, P440	A211, A306, B200, B260, B301, B312, B340, B368, B370, B466, B470, P380, P385, P425
Apparel Merchandising and Interior Design (AMID)	D191	D365, F411	

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Asian American Studies (AAST)	A201	A101	
Astronomy (AST)			A100, A102, A103, A105, A115, A221, A222, A305, A320, A451, A452, A453
Biology (BIOL)			B300, B364, B368, E111, E112, H111, H112, L100, L104, L111, L112, L113, L211, L222, L302, L322, L330, L340, L350, L369, L440, M250, M430, S211
Central Eurasian Studies (CEUS)	R291, R312, R313, R314, R354, R373, R414, R415, R441	R191, R192, R193, R250, R251, R260, R270, R293, R302, R310, R315, R316, R342, R351, R352, R360, R361, R370, R371, R372, R383, R392, R393, R394, R411, R412, R413, R416, R462	
Chemistry (CHEM)			C100, C101, C102, C103, C117, C118, C341, C342, C360, C361, C362, C430, C460, C483, C484, C485, S117, S341, S342, S361, S362
Classical Studies (CLAS)	C101, C102, C205, C206, C308, C310, C311, C321, C350, C351, C360, C361, C405, C409, C412, C413, C414, C416, C419, C420, C421, G305, G306, G307, G308, G406, G407, G410, G411, L304, L305, L307, L308		
Cognitive Science (COGS)	Q240		Q250, Q270, Q301, Q351
College of Arts and Sciences (COLL)	E103, S103	E104, S104	E105, S105

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Collins Living-Learning Center (CLLC)	L110, L210, L310, S103	L120, L220, L320	L130, L230, L330
Communication and Culture (CMCL)	C190, C205, C208, C220, C222, C228, C238, C304, C306, C308, C312, C313, C321, C323, C324, C326, C333, C335, C339, C340, C357, C391, C392, C393,	C394, C398, C414, C425 C122, C201, C202, C203, C204, C212, C223, C225, C229, C290, C292, C305, C314, C315, C318, C336, C380, C411, C412, C413, C415, C417, C420, C422, C430, C433	
Comparative Literature (CMLT)	C100, C145, C146, C147, C151, C155, C200, C205, C216, C217, C219, C251, C252, C255, C256, C257, C261, C262, C265, C266, C291, C301, C305, C310, C311, C313, C315, C318, C320, C321, C325, C329, C333, C335, C337, C338, C340, C343, C345, C347, C349, C351, C355, C357, C358, C360, C361, C363, C364, C365, C370, C375, C377, C378, C400, C405, C415, C417, C445, C446, C464, C492		
Computer Science (CSCI)			A110, A201, A202, A321, B351, B401, B403, B441, B443, B461, B481, C211, C212, C241, C311, C335, C343, H211, H212, H241, H311, H335, H343, P415, P423, P436, P442, P465, P466
Criminal Justice (CJUS)		P100, P150, P200, P202, P250, P290, P301, P302, P303, P305, P306, P311, P312, P340, P360, P362, P375, P380, P381, P401, P402, P403, P405, P406, P412, P413, P414, P415, P416, P417, P418, P419, P420, P421, P422, P423, P426, P427, P428, P431, P435, P450, P457, P461, P462, P471, P474, P482	K300

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
East Asian Languages and Cultures (EALC) C431, E100, E110, E160,	E201, E202, E231, E232, E233, E270, E271, E300, E301, E303, E321, E322, E331, E332, E333, E351, E371, E372, E374, E473, E497, J431, J491	E101, E180, E203, E204, E251, E252, E302, E305, E350, E352, E354, E356, E384, E385, E386, E390, E392, E393, E394, E395, J441, J492	C421, J421
Economics (ECON)		E201, E202, E303, E304, E305, E308, E309, E321, E322, E327, E359, E364, E496, S201, S202, S321, S322	E370, S370
English (ENG)	E301, E302, E303, E304, L111, L112, L198, L202, L203, L204, L205, L206, L207, L208, L210, L213, L214, L220, L223, L224, L230, L240, L241, L249, L295, L305, L306, L307, L308, L309, L313, L314, L317, L318, L320, L327, L328, L332, L335, L345, L346, L347, L348, L350, L351, L352, L354, L355, L356, L357, L358, L359, L360, L363, L364, L365, L366, L367, L369, L371, L373, L374, L375, L378, L380, L381, L383, L384, L389, L390, L391, L395, L396, W103		

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Fine Arts (FINA)	A155, A160, A206, A226, A231, A234, A267, A280, A310, A316, A323, A329, A346, A347, A348, A349, A356, A360, A412, A413, A414, A447, A471, A472, A473, A474, A482, D210, D317, F100, F101, F102, H100, N110, N198, S200, S220, S230, S240, S250, S260, S270, S271, S280, S291, S301, S321, S325, S331, S341, S343, S344, S351, S352, S361, S371, S381, S392	A101, A102, A108, A150, A214, A233, A262, A290, A311, A312, A321, A322, A325, A327, A330, A331, A332, A333, A334, A335, A337, A341, A342, A345, A351, A352, A372, A415, A417, A421, A423, A424, A425, A426, A436, A437, A443, A452, A453, A454, A458, A464, A466, A467, A476, A480	
Folklore and Ethnomusicology (FOLK)	E112, E295, E297, E302, E345, E388, E394, E496, F101, F111, F131, F205, F225, F235, F252, F301, F305, F307, F308, F312, F315, F320, F351, F352, F354, F356, F358, F360, F363, F364, F369, F404, F410, F420, F440, F450, F492, F494	F121, F210, F215, F230, F253, F275, F290, F330, F353, F359, F401, F405, F430, F497	
French and Italian (FRIT)	F125, F300, F303, F304, F305, F306, F310, F311, F361, F362, F363, F375, F410, F413, F435, F436, F443, F446, F450, F451, F453, F456, F459, F460, M222, M234, M235, M305, M306, M307, M308, M311, M333, M334, M340, M345, M390, M391, M403, M445, M446, M450, M453, M455, M456, M463, S300	F126, F317	
Gender Studies (GNDR)	G101, G225, G290, G310, G330, G350	G102, G105, G206, G215, G230, G235, G303, G304, G325, G335, G340, G399, G425, G430, G435, G440	

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Geography (GEOG)		G110, G120, H120, G302, G314, G315, G316, G320, G323, G326, G332, G343, G380, G411, G415, G417, G427, G428, G449, G461, G478	G107, H107, G109, G208, G237, G304, G305, G336, G338, G339, G350, G362, G405, G431, G433, G434, G436, G438, G439, G442, G451, G470, G475, G477, G488, G489
Geological Sciences (GEOL)			G103, G104, S104, G105, G111, G112, G114, G116, G121, G131, G134, G141, G150, G161, G171, G188, G221, G222, G225, G300, G302, G316, G321, G323, G329, G341, G454, S103, S121, S124
Germanic Studies (GER)	E311, E322, E323, E342, E343, E351, E352, E361, E362, E363, G305, G306, G363, G403, G404, G415, G416, G418, G424	E121, E321, E341, G361, G362, G421, G422, G464	G448, G451, G458
Global Village Living-Learning Center (GLLC)	G110, G210, G310, S103	G120, G220, G320, G321, S104	G130, G230, G330, S105



	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
History (HIST)		A100, A200, A205, A207, A222, A225, A261, A265, A300, A301, A302, A307, A309, A310, A311, A313, A315, A317, A325, A346, A347, A351, A352, A355, A356, A361, A362, A363, A365, A366, A369, A370, A379, A380, A381, A382, A383, A384, A386, A393, A400, B100, B200, B204, B224, B226, B260, B300, B301, B302, B303, B315, B321, B322, B323, B324, B330, B348, B351, B352, B353, B354, B356, B357, B358, B359, B360, B361, B362, B366, B368, B374, B377, B378, B386, B391, B400, C200, C205, C210, C300, C305, C376, C377, C388, C390, C393, C400, D100, D102, D103, D200, D201, D300, D302, D303, D304, D305, D306, D308, D309, D310, D320, D321, D322, D325, D327, D329, D330, D400, E100, E200, E300, E331, E332, E333, E334, E336, E338, E340, E400, F100, F200, F300, F336, F340, F345, F346, G101, G200, G300, G350, G357, G358, G369, G372, G380, G382, G383, G385, G387, G400, H101, H102, H103, H104, H105, H106, H111, H205, H206, H207, H208, H209, H210, H211, H212, H213, H220, H223, H227, H231, H237, H238, H251, H252, H263, H333, J200, J300, J400, J450, T300, T400, W100, W200, W300, W325, W400	
History and Philosophy of Science (HPSC)	X100, X207, X220, X308, X320, X338, X390, X391, X394, X451, X452, X456, X493	X102, X110, X123, X205, X210, X222, X223, X323, X369, X370, X371, X406, X407	X126, X200, X226, X227, X253, X326
Human Biology (HUBI)			B200, B300, B400
Hutton Honors College (HON)	H203, H211, H226, H232, H233, H234, H235, H239, H242, H303	H204, H212, H228, H236, H237, H238, H240, H304	H205, H230, H241, H305
India Studies (INST)	I305, I310, I347, I368, I370, I371, I380	I211, I212, I320, I362, I402	

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
International Studies (INTL)	I201	I100, I202, I203, I204, I205, I206	
Jewish Studies (JSTU)	C240, C340, C360, H375, H460, H480, H485, J203, J303, J403, L380, L385, L390, L395	J204, J251, J252, J304, J404	
Latin American and Caribbean Studies (LTAM)	L420	L210, L211, L400, L402, L403	
Latino Studies (LATS)	L398	L101, L102, L103, L104, L111, L301, L302, L303, L380, L396	L105
Liberal Arts and Management Program (LAMP)		S104	L316
Linguistics (LING)	L114	L103, L111, L112, L113, L205, L210, L315, L367, L430, L480, L481	L303, L306, L307, L308, L310, L325, L445
Mathematics (MATH)			A118, D117, J113, K310, M118, M119, M120, M211, M212, M213, M301, M303, M311, M321, M330, M343, M344, M348, M365, M371, M384, M385, M391, M453, S118, S212, S303, S311, S343, S344, T336
Medical Sciences			ANAT-A 215, MSCI-M 131, MSCI-M 216, PHSL-P 215
Medieval Studies (MEST)	M200, M250, M260		

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Jacobs School of Music (MUS)	M385, M392, M396, M401, M402, T418, Z101, Z111, Z171, Z172, Z201, Z202, Z211, Z301, Z311, Z315, Z373, Z385, Z390, Z393, Z394, Z395, Z401, Z402, Z403, Z404, Z413, Z415		
Near Eastern Languages and Cultures (NELC)	N205, N212, N365, N370, N380, N385, P365	N122, N203, N204, N208, N220, N222, N245, N265, N268, N303, N304, N340, N350, N352, N397	
Philosophy (PHIL)	P100, P103, P105, P135, P140, P145, P150, P201, P205, P211, P240, P242, P246, P270, P301, P304, P305, P310, P312, P319, P320, P328, P330, P332, P335, P340, P342, P343, P345, P346, P347, P352, P360, P366, P370, P371, P374, P375, P401, P470		P250, P251
Political and Civic Engagement (PACE)		C210, C211	
Political Science (POLS)	Y105, Y212, Y281, Y379, Y381, Y382, Y383, Y384, Y386, Y388, Y406	Y100, Y101, Y102, Y103, Y107, Y109, Y200, Y202, Y204, Y205, Y210, Y211, Y243, Y249, Y301, Y302, Y303, Y304, Y305, Y306, Y307, Y308, Y311, Y313, Y315, Y317, Y318, Y319, Y320, Y324, Y325, Y326, Y329, Y332, Y333, Y334, Y335, Y336, Y337, Y338, Y339, Y340, Y342, Y343, Y345, Y346, Y347, Y348, Y349, Y350, Y352, Y353, Y356, Y360, Y361, Y362, Y363, Y364, Y366, Y367, Y368, Y372, Y374, Y375, Y376, Y394, Y401, Y405, Y407	Y395

	A & H	S & H	N & M
Psychological and Brain Sciences (PSY)		P102, P152, P304, P315, P316, P319, P320, P323, P324, P455, P460, P462	K300, K310, P101, P106, P151, P155, P201, P204, P211, P303, P325, P327, P329, P330, P335, P336, P350, P351, P405, P417, P437, P438, P461, P466
Religious Studies (REL)	A201, A202, A210, A220, A230, A250, A270, A300, A305, A315, A317, A320, A321, A325, A326, A335, A350, A351, A380, A390, A395, A415, A420, A426, A430, A440, A450, A470, A480, A485, B202, B210, B215, B220, B240, B300, B310, B320, B330, B335, B360, B374, B410, B420, B440, B460, C202, C210, C300, C301, C302, C310, C320, C330, C335, C340, C401, C420, C435, D202, D250, D300, D301, D310, D315, D330, D331, D340, D350, D355, D360, D362, D365, D370, D375, D380, D385, D410, D430, D470, R102, R133, R152, R153, R160, R170, R201, R202, R264, R300, R474	C220, C280, C325, C350, C355, D325, D485	
Russian and East European Institute (REEI)		R301, R302, R303	
Second Language Studies (SLST)		S304	S301, S302
Slavic Languages and Literatures (SLAV)	C223, C363, C364, C365, P223, P363, P364, P365, P366, R123, R223, R224, R263, R264, R334, R345, R349, R352, R353, R405, R406, R407, R408, S223, S363, S364, U223		R403, R404

	<b>A &amp; H</b>	<b>S &amp; H</b>	<b>N &amp; M</b>
Sociology (SOC)		H100, S100, S101, S105, S122, S201, S210, S215, S217, S220, S230, S302, S305, S308, S309, S311, S312, S313, S315, S316, S317, S319, S320, S321, S324, S325, S326, S329, S335, S338, S339, S340, S342, S344, S346, S359, S360, S370, S409, S410, S412, S413, S417, S419, S420, S422, S427, S431, S433, S435, S438, S439, S441, S450	S110, S371
Spanish and Portuguese (HISP)	C450, P400, P401, P405, P410, P412, P415, P420, P470, P475, P476, S220, S260, S265, S284, S324, S328, S334, S407, S408, S411, S412, S413, S417, S418, S419, S420, S422, S435, S450, S470, S471, S472, S473, S474, S479, S480, S481		S326, S425, S427, S429, S430
Speech and Hearing Sciences (SPHS)		S110, S430	S111, S115, S201, S290, S302, S307, S319, S333, S444
Statistics (STAT)			H100, S100, S300, S301, K310, S320
Telecommunications (TEL)	T193, T206, T416	T101, T160, T191, T192, T195, T205, T207, T242, T260, T311, T312, T313, T314, T316, T317, T321, T322, T329, T348, T410, T413, T414, T421, T422, T424, T425, T427, T445, T480	
Theatre and Drama (THTR)	T100, T120, T121, T370, T371, T460, T461, T462, T468		
West European Studies (WEUR)	E350, E406, W406	W301, W401, W405	

## Appendix III: Topics-Qualified Courses

For information on the Topics requirement, please see the section of this Bulletin with the same name, which can be found under “Degree Requirements.”

Students can use COLL E103 or S103 to satisfy one course in the Arts and Humanities distribution area, COLL E104 or S104 to satisfy one course in the Social and Historical Studies distribution area, and COLL E105 or S105 to satisfy one course in the Natural and Mathematical Sciences distribution area. Other Topics-qualified courses are offered with departmental headings and with distribution credit as indicated. For updates on courses that satisfy this requirement, please see the College Web site at <http://www.indiana.edu/~college/undergrad/topics/course.shtml>. Topics-qualified courses are offered only in the College of Arts and Sciences on the Indiana University Bloomington campus.

Intensive Freshman Seminars (COLL S103, S104, S105) are open to freshmen only.

### African American and African Diaspora Studies

- A150 Survey of the Culture of Black Americans **A & H, CSA**

### Astronomy

- A102 Gravity, the Great Attractor: Evolution of Planets, Stars, and Galaxies **N & M**

### College of Arts and Sciences

- E103 Topics in Arts and Humanities **A & H**
- E104 Topics in Social and Historical Studies **S & H**
- E105 Topics in Natural and Mathematical Sciences **N & M**
- S103 Freshman Seminar in Arts and Humanities **A & H**
- S104 Freshman Seminar in Social and Historical Studies **S & H**
- S105 Freshman Seminar in Natural and Mathematical Sciences **N & M**

### Collins Living-Learning Center

- S103 Collins Living-Learning Center Freshman Seminar **A & H**

### East Asian Languages and Cultures

- E160 The Daoist Body **A & H, CSA**
- E180 Cross-Cultural Experiences of War: East Asia and the United States **S & H, CSA**

### Folklore and Ethnomusicology

- F205 Folklore in Video and Film **A & H**

### Geological Sciences

- G121 Meteorites and Geological Processes in Planets **N & M**
- G141 Earthquakes and Volcanoes **N & M**
- G188 Volcanoes of the Eastern Sierra Nevada: Geology and Natural Heritage of the Long Valley Caldera **N & M**
- S121 Meteorites and Geological Process in Planets, Honors **N & M**

### Global Village Living-Learning Center

- S103 Global Village Living-Learning Center Freshman Seminar **A & H**
- S104 Global Village Living-Learning Center Freshman Seminar **S & H**
- S105 Global Village Living-Learning Center Freshman Seminar **N & M**

### History

- B204 Medieval Heroes **S & H, CSA**

### Hutton Honors College

- H203 Interdepartmental Colloquia **A & H**
- H204 Interdepartmental Colloquia **S & H**
- H205 Interdepartmental Colloquia **N & M**
- H211 Ideas and Experience I **A & H**
- H212 Ideas and Experience II **S & H**

**Liberal Arts and Management Program**

- S104 Liberal Arts and Management Program Freshman Seminar **S & H**

**Linguistics**

- L111 Dialect and Language Variation **S & H**
- L112 Language and Politics **S & H**
- L113 Language and Gender **S & H**
- L114 Language and Religion **A & H**

**Philosophy**

- P135 Introduction to Existentialism **A & H**

**Physics**

- P111 Physics of Extraterrestrial Life and Death **N & M**
- P120 Energy and Technology **N & M**
- P125 Energy in the Twenty-first Century **N & M**
- P150 How Things Work **N & M**
- P151 Twenty-first-Century Physics **N & M**

**Religious Studies**

- B210 Introduction to Buddhism **A & H, CSA**

**Slavic Languages and Literatures**

- R123 Masterworks of Russian Short Fiction **A & H**

**Telecommunications**

- T193 Passport to Cyberia: Making the Virtual Real **A & H**

## Index

- Absences
  - from final examinations, 13
  - from scheduled classes, 13
- Academic Advising, 8
- Academic Policies & Procedures, 13–17
- Academic standing, 15
- Addition of courses, 13
- Admission
  - to the College of Arts and Sciences, 3
  - to the University, 3
- Advising,
  - academic advisement report, 8
- Aerospace studies, 347
- African American and African diaspora studies, 17
- African languages, 26, 230, 232
- African studies, 26
- Akan, 26, 232
- Albanian, 191, 297
- American Sign language, 315
- American studies, 29
- Animal Behavior, 33
- Anthropology, 35
- Apparel merchandising and interior design, 47
- Approved Outside Minors, 349
- Arabic, 244–246
- Archaeology, 37, 45
- Arts and humanities distribution requirement, 10
- Arts and Sciences Career Services, 2, 350
- Asian American Studies, 52
- Astronomy, 54
- Astrophysics, 54
- Atmospheric Science, 136
- Bachelor's degrees
  - candidates in good standing for, 16
  - general requirements for, 8–9
  - second degree, 12
- Bachelor of Arts, 5
  - requirements for, 8–13. See also individual departments
- Bachelor of Fine Arts, 6. See also Fine Arts and Theatre and Drama
- Bachelor of Science, 5. See also individual departments
- Bamana, 232
- Biochemistry, 79–84
- Biology, 56–67
- Biotechnology, 59–67
- Bulgarian, 297
- Business minor, 352
- Business, Kelley School of, 352
- Career Development Center, 350
- Career Counseling Services, 350
- Career Resource Library, 350
- Catalan, 312
- Central Eurasian studies, 67–78
- Certificates, 6
- Change of major, 14
- Chemistry, 78–84
- Chicano-Riqueño studies, 84–85
- Chinese, 114–123
- CIC CourseShare, 343
- Class standing, 14
- Classical Civilization, 86
- Classical studies, 85–91
- Cognitive Science, 91–97
- Collins Living–Learning Center, 345–346
- Communication and Culture, 97–103
- Comparative literature, 103–109
- Computer science, 109, 358
- Concentration requirements, major, 12–13
- Counseling
  - freshmen, 3–4
  - premedical, prelaw, or professional, 15
  - for program planning, 14–15
- Courses. See also individual department listings
  - addition of, 13
  - incompleted, 14
  - withdrawal from, 15
- Creative Writing, 130–133
- Credit by examination, 14
- Criminal justice, 109–114
- Croatian, 298
- Culture of Science and Medicine, 195
- Culture studies, 11
- Culture studies requirement, 11, 365
- Czech, 297
- Deadlines
  - application for degree, 13
  - readmission, 16
  - transfer, 4
  - withdrawal, 15
- Dean's list, 341
- Declaring a major, 4
- Degrees, requirements for, 8–13. See also individual departments
  - Bachelor of Arts, 5
  - Bachelor of Fine Arts, 6
  - Bachelor of Science, 5
  - with distinction, 341
  - general, 8
  - with honors, 341
  - second bachelor's, 12
- Dentistry, 353
- Departmental honors programs, 341. See also individual departments
- Disabilities, 7
- Dismissal, 16
- Distribution requirements
  - approved distribution courses, 10–11, 373–383
  - arts and humanities, 10
  - natural and mathematical sciences, 11
  - social and historical studies, 11
- Double major, 12
- Dutch, 180
- Earth science, 172, 351
- East Asian Languages and Cultures, 114–124
- East Asian studies, 114–124
- Economics, 124–129
- Education, School of, 344, 353
- Employment office, student, 350
- English, 129–136
- English composition requirement, 9
- Environmental science, 136–138
- Estonian, 72
- Examinations
  - absences from, 13
  - credit by, 14
  - English placement, 9
  - foreign language placement, 10
  - mathematics placement, 9–10
- Experimental courses, 343



- Exploratory students, 4  
 Extended X Policy, 14  
 Fashion Design, 47  
 Film studies, 138  
 Fine arts, 139–150  
 Finnish, 73  
 Folklore and Ethnomusicology, 151–156  
 Foreign languages. *See also* specific languages  
     international students, 10  
     list of languages, 7  
     placement, 10  
     requirement, 10  
     special credit in, 10  
 Foreign study programs, 364  
 French, 156–160  
 French and Italian, 156–162  
 Fundamental skills requirements, 9–10  
 Game studies, 322  
 Gender studies, 162–167  
 Geography, 167–172  
 Geological Sciences, 172–177  
 Georgian, 297  
 German, 178–180  
 Germanic studies, 177–182  
 Global Human Diversity, 36  
 Global Village, 345–346  
 Grade point average requirements, 4, 8, 12, 13, 15, 16  
 Grade appeals, 14  
 Graduation, applying for, 13  
 Greek, 87–88  
 Greek, Modern, 336  
 Groups Student Support Services Program, 347–348  
 Haitian Creole, 222  
 Hausa, 232  
 Health, Physical Education, and Recreation,  
     School of, 354–357  
 Hebrew, 214–216  
 Hindi, 206–207  
 History, 182–194  
 History and philosophy of science, 194–198  
 History of Art, 140–146  
 Honors College, Hutton, 341  
     courses offered by, 342–343  
 Honors, departmental, 341. *See also* individual  
     departments  
 Human Biology, 198–205  
 Hungarian, 73  
 Incompleted courses, 14  
 India Studies, 205–208  
 Individualized Major Program, 208–209  
 Informatics and Computing, School of, 358–360  
 Initiative for Maximizing Student Diversity (IMSD) Scholars  
     Program, 348  
 Integrative Study of Animal Behavior, 34  
 Intensive Freshman Seminars, 344–345  
 Intensive writing requirement, 9  
 Interdepartmental major, 12  
 International students, 10  
 International Studies Program, 209–211  
 Interior design, 47–52  
 Internships, 350  
 Italian, 157, 160–162  
 Japanese, 118–119  
 Jewish studies, 212–220  
 Journalism, 360  
 Kazakh, 74  
 Korean, 119  
 Kurdish, 246  
 Lakota, 44  
 Language placement tests, 10  
 Language requirement, foreign, 10  
 Latin, 88  
 Latin American and Caribbean studies, 220–225  
 Latino studies, 225–227  
 Leadership, Ethics, and Social Action, 226  
 Learning Disabilities, 7  
 Liberal Arts and Management Program, 227–228  
 Linguistics, 229–234  
 Living–Learning Centers, 345–347  
 Macedonian, 298  
 Major. *See also* individual departments  
     change of, 14  
     concentration requirements, 11–12  
     double, 12  
     interdepartmental, 12  
     lists of, 5–6  
     triple, 12  
 Mathematics, 234–242  
 Mathematics requirement, 9–10  
 McNair Scholars Program, 348  
 Medical Sciences Program, 360–361  
 Medicine, School of, 360–361  
 Medieval Studies Institute, 242–244  
 Microbiology, 58  
 Military science, 347  
 Minor requirements. *See also* individual  
     departments, 12–13  
     list of approved outside minors, 349–350  
     list of minors, 6–7  
 Minority and First Generation Scholars, 347  
 Modern Greek, 336  
 Mongolian, 74–75  
 Music, Jacobs School of, 351–352  
 Natural and mathematical sciences distribution  
     requirement, 11  
 Navajo, 44  
 Near Eastern Languages and Cultures, 244–248  
 New Media and Interactive Storytelling, 322–323  
 NIH-Initiative, Diversity Scholars Program, 348  
 Norwegian, 181  
 Optometry, School of, 361  
 Ottoman and Modern Turkish, 67, 76  
 Opportunities Outside the College, 349–364  
 Overseas study programs, 348–349  
 Pass/Fail option, 15  
 Persian, 75  
 Phi Beta Kappa, 343  
 Philosophy, 249–253  
 Physics, 253–258  
 Placement, career, 350  
 Placement tests  
     English, 9  
     foreign language, 10  
     mathematics, 9–10  
     special credit, 14  
 Plant sciences. *See* Biology  
 Polish, 298  
 Political and Civic Engagement, 259–261  
 Political science, 261–269  
 Portuguese, 307, 311–312  
 Poynter Center for the Study of Ethics and American  
     Institutions, 269  
 Probation, academic, 15–16  
 Psychological and Brain Sciences, 269–278

- Public and Environmental Affairs, School of, 361–363  
Public and Professional Writing, 131  
Radio and television. See Telecommunications  
Readmission, 16  
Release of information in student records, 16–17  
Religious studies, 278–286  
Requirements. See also individual departments  
admission, 3–4  
arts and humanities, 10  
culture studies, 11  
degree, 2, 8–12  
distribution, 10–11  
foreign language, 10  
fundamental skills, 9–10  
general, for bachelor's degree, 8  
major concentration, 11–12  
mathematics, 9–10  
natural and mathematical sciences, 11  
for second bachelor's, 12  
social and historical studies, 11  
writing, 9  
Reserve Officers Training Corps (ROTC), 347  
Residence requirement, 12  
Restart, 16  
Romanian, 297–298  
Russian, 294–296  
Russian and East European Institute, 286–290  
Sanskrit, 208  
Scandinavian, 181  
Science courses for non-science majors, 349  
Second Language Studies, 290–292  
Secondary teacher certification, 7, 354. See also individual departments  
Serbian, 298  
Sign language, 315–316  
Sioux, 44  
Slavic languages and literatures, 292–300  
Slovak, 299  
Slovene, 297  
Social and historical studies distribution requirement, 11  
Social Work, School of, 363–364  
Sociology, 300–306  
Spanish and Portuguese, 306–312  
Speech and hearing sciences, 312–317  
Statistics, 318–320  
Student Employment Office, 350–351  
Studio Art, 140  
Studying abroad, 364  
Swahili, 233  
Symbols and Abbreviations, 3  
Tajik, 75–76  
Telecommunications, 320–327  
business minor, 321  
Tests, 9–10  
Theatre and drama, 327–333  
Themester, 349  
Tibetan, 76  
Topics/Intensive Freshman Seminar Program, 11, 344–345  
Transcripts, 15  
Transfer students, 4  
Triple Major, 12  
Turkish, 76  
Turkmen, 76  
Ukrainian, 299  
Undergraduate Status Update Form, 15  
Uralic and Altaic studies. See Central Eurasian Studies  
Urdu, 208  
Uyghur, 77  
Uzbek, 77  
West European Studies, 333–340  
Withdrawals, 15  
Workshop in Political Theory and Policy Analysis, 264  
Writing requirement, 9  
Yiddish, 181  
Zoology. See Animal Behavior and Biology  
Zulu, 233

