## General Education Requirements — Bachelor of Arts / Bachelor of Science

<table>
<thead>
<tr>
<th>Category / Flag</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>Gateway Colloquium (GW)</td>
<td>(1 course unit)</td>
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<tr>
<td>Analysis of Values (AV)</td>
<td>(1 course unit)</td>
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<tr>
<td>The Arts (AR)</td>
<td>(1 course unit)</td>
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<tr>
<td>Contemporary Social Institutions (CSI)</td>
<td>(1 course unit)</td>
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<tr>
<td>Cultural and Historical Change (CHC)</td>
<td>(1 course unit)</td>
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<tr>
<td>Formal Reasoning (FR)</td>
<td>(1 course unit)</td>
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<tr>
<td>Intellectual Traditions (IT)</td>
<td>(1 course unit)</td>
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<tr>
<td>Literature (LIT)</td>
<td>(1 course unit)</td>
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<tr>
<td>Second Language (LA)</td>
<td>(0-3 course units as needed to ensure third-semester proficiency)</td>
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<tr>
<td>The Natural Sciences</td>
<td>(2 units, one must be an issues and one must be a laboratory course)</td>
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<tr>
<td></td>
<td>Life Sciences Issues Course (LI)</td>
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<td>OR</td>
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<td>Life Sciences Lab Course (LL)</td>
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<td>AND</td>
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<td>Physical Sciences Issues Course (PI)</td>
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<td>OR</td>
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<td>Physical Sciences Lab Course (PL)</td>
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<tr>
<td>Encountering Global Diversity (G)</td>
<td>(flag attached to 1 course in General Education, or to major, minor, or elective courses)</td>
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<tr>
<td>Encountering U. S. Diversity (U)</td>
<td>(flag attached to 1 course in General Education, or to major, minor, or elective courses)</td>
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<tr>
<td>Writing Intensive Courses (W)</td>
<td>flag attached to 2 courses — 1 must be in the major, the other may be in General Education, major, minor, or elective courses)</td>
</tr>
<tr>
<td>Physical Education (PE)</td>
<td>(4Y courses or 2X courses)</td>
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<td>(1 must be a designated fitness course)</td>
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</table>
ACCOUNTING AND FINANCIAL SERVICES

Olson, Brown, Fitzgibbons, Pana, Willis

Lower-level (100-200) courses in the department are open to all students. Upper-level (300-400) courses in the department are open to students not majoring in accounting, financial services, or minoring in risk management with consent of the department head; a small percentage of seats in each class is reserved to accommodate such students, but such students should follow the department’s closed course petitioning process. However, students not majoring in accounting, financial services, or minoring in risk management may take only one upper-level course in the department unless required to do so by a major outside the Department of Accounting and Financial Services, or unless they receive permission from the department head.

The major in accounting meets the accounting requirements for taking the Certified Public Accountant Examination in Illinois and provides excellent preparation for entry into field of public accounting and the practice of accounting in industry or government. To sit for the CPA exam in Illinois, current law requires students to have completed at least 37.5 course units or the equivalent of 150 semester hours. It may be possible for students to complete these requirements in four years at IWU. Contact the department head for details. See more at http://www.iwu.edu/accounting/.

The major in financial services prepares students for entry-level positions in the field of finance, investments, and risk management. It also helps students develop the skills necessary to adapt to a changing and increasingly complex world. The study of financial services is concerned with all of the following: management of money, investments, financial institutions, and analytical preparation for careers in a wide variety of profit-seeking business and not-for-profit agencies. See more at http://www.iwu.edu/finance/.

The increasingly quantitative character of modern business practice suggests that students elect additional mathematics beyond that required for the major, and students considering graduate work in business should take at least one semester of undergraduate calculus. For many students, one or more computer science course may be appropriate. See the Computer Science section of this Catalog for course offerings.

Students seeking to matriculate into a major in accounting or financial services should complete the following six courses by the end of their sophomore year: (1) Gateway Colloquium; (2) Mathematics 110, 161, 165, or university credit for AP Calculus; (3) Economics 100: Introduction to Economics; (4) Economics 227: Statistics for Business and Economics; (5) Accounting 112: Accounting for Decision Making I; and (6) Accounting 212: Accounting for Decision Making II. A grade of C- or higher must be earned in each of these courses. In addition, a student’s cumulative GPA in these six courses must equal or exceed 2.50. No student wishing to major in accounting or financial services will be permitted to enroll in any upper-level course in the department, except Business Law I, prior to meeting these requirements.

A course included in one major may not be used to fulfill requirements of another major or minor. Upper level (300-400) courses taken at another college or university at the freshman/sophomore level may not be used to satisfy major or minor requirements, absent department head approval.
**Major Sequence in Accounting:**
A minimum of 12 course units, to include
1) ACC 112, 212, 218, 315, 316, 317, 318, 319, BUS 331 or 341, 355, ECON 227, and FIS 303.
Other courses outside the department that accounting majors are required to complete:
1) Mathematics 110, 161, 165, or university credit for AP Calculus
2) Economics 100.

**Major Sequence in Financial Services:**
A minimum of 13 course units, to include
1) ACC 112, 212, BUS 331, 341, 355, 490, ECON 227, FIS 200, 303, and 309
2) Three course units from ECON 311, 324, 352, 370, FIS 300, 304, 307, 408, 409, and 455.
Other courses outside the department that financial services majors are required to complete:
1) Mathematics 100, 161, 165, or university credit for AP Calculus
2) Economics 100
Financial Services majors may count no more than 2 non-required BUS courses toward the 18 courses outside their major department.

**Minor Sequence in Risk Management:**
Six course units to include:
1) ACC 112, 212, FIS 200, 304, 307, and 408.

**ACC 112  Accounting for Decision Making I**  An introduction to business through the lens of financial and managerial accounting—an information processing system that communicates relevant data regarding business entities to internal and external decision makers. Emphasizes the basic concepts, principles, and techniques for decision makers to interpret and use accounting system information within all functional areas of business and the use of information systems generally within organizations. *Offered each semester.*

**FIS 200  Introduction to Risk Management and Insurance**  Exploration of behavior under uncertainty. Overview of personal and corporate exposure to risk. Examination of tools used to manage risk. Investigation of current topics in risk management and insurance. *Offered each semester.*

**ACC 212  Accounting for Decision Making II**  Continuation of an introduction to business through the lens of financial and managerial accounting—an information processing system that communicates relevant data regarding business entities to internal and external decision makers. Emphasizes the basic concepts, principles, and techniques for decision makers to interpret and use accounting system information within all functional area of business, and the use of information systems generally within organizations. Prerequisite: ACC 112. *Offered each semester.*

**ACC 216  Professional Issues in Accounting (W)**  This course is designed to familiarize students with business writing and to develop their ability to recognize, evaluate, and respond to ethical dilemmas. This course will be discussion based, writing intensive, and will ask students to analyze a wide variety of ethical situations, apply alternative ethical theories and positions, and take a stance in the truth seeking conversation. Prerequisite: Major in Accounting. *Offered each semester.*

**ACC 218  Accounting Information Systems**  An introduction to the design, development, and implementation of manual and computer based accounting information systems, with an internal control emphasis. Prerequisite: ACC 112. *Offered each spring.*

**FIS 270  Special Topics**  Courses treating specialized topics in accounting, finance,
or risk management. Two or more may be taken concurrently or repeated for credit if the topic matter is different. *Offered occasionally.*

**Note:** Successful Completion of all foundation course requirements or consent of the department chair is a prerequisite to all 300-400 level ACC and FIS courses unless the student is minoring in a business field or is required to take one of these courses in a major outside the department.

**FIS 300  Seminar in Finance**  In-depth study of selected topics in finance. Topics vary according to student and faculty interests. May be repeated for credit if the topic matter is different. Prerequisite: FIS 303. *Offered annually.*

**FIS 303  Financial Management**  Nature and functions of finance, financial management, and relevant markets and institutions. Topics include financial analysis, time value of money, valuation, capital structure, and international issues. Prerequisite: ACC 212. *Offered each semester.*

**FIS 304  Risk Management and Property/Liability Insurance Seminar**  In-depth study of managing organizations’ and individuals’ exposure to property damage and legal liability. Analysis of issues in social and financial policy related to risk management and insurance, especially issues of government regulation. Prerequisite: FIS 200. *Offered annually.*

**FIS 307  Life/Health/Social Insurance**  Examination of public and private provision of protection against life span and health uncertainty. Focus on contemporary public policy issues, including health care reform and Social Security. Prerequisite: FIS 200. *Offered annually.*

**FIS 309  Investments**  Principles of security analysis, valuation, and formulation of investment policy. Includes study of stocks, bonds, futures, options, mutual funds, and portfolio management. Open to juniors and seniors only. Prerequisite: FIS 303. *Offered each semester.*

**ACC 315  Tax Accounting**  Individual tax procedures and an introduction to corporation and partnership taxation. Prerequisite: ACC 212. *Offered each fall.*

**ACC 316  Accounting and Auditing Concepts and Theory**  The presentation of the traditional framework of financial accounting, including such topics as principles of revenue recognition and asset valuation; surveys the role of audits in market economies, including such topics as legal liability and materiality; contrasts the uses of financial and internal accounting, discussing such topics as the use of current cost information and the analysis of the overall value-chain. Prerequisite: ACC 212. *Offered each fall.*

**ACC 317  Specialized Topics in Financial Reporting**  Theory and problems related to stockholders’ equity, dilutive securities, investments income determination, preparation and analysis of financial statements and other selected topics. Prerequisite: grade of C– or higher in ACC 316. *Offered each spring.*

**ACC 318  Accounting and Auditing Processes**  The presentation of a number of systems and auditing topics, structured primarily around transaction cycles; offers an over-view of information systems from an accounting perspective and covers such auditing subjects as internal controls and statistical sampling. Prerequisite: ACC 316. *Offered each spring.*

**ACC 319  Cost Management**  The course emphasizes the role of cost information in assisting managers in designing and implementing firms’ strategic plans; adopts a decision-oriented approach to such cost topics as budgeting, variances, controls, and cost allocations. Prerequisite: ACC 212. *Offered each fall.*

**ACC/FIS 360  Travel Seminar**  A travel course designed to increase students’ awareness and familiarity with the business practices, culture, politics, and values of different countries around the world. Students meet with business executives, educators, government officials, and visit various business organizations and cultural sites. Prerequisite:
consent of instructor. Offered each May Term.

FIS 370  Special Topics in Finance  Courses treating specialized topics in accounting, finance, or risk management at an advanced level. Two or more may be taken concurrently or repeated for credit if the topic matter is different. Prerequisite will depend on topic. Offered occasionally.

ACC/FIS 395  Internship in Teaching  Intensive experience in assisting with the instruction of a specific course in business or economics. Assignments include researching, organizing, preparing, and delivering a small number of lectures in that class. Prerequisites: major in accounting, business administration, international business, economics or risk management; completion of 22 or more course units; minimum of 3.25 GPA in major; consent of department head. Offered each semester and May Term.

ACC/FIS 397  Internship in Industry  Not more than one course unit may be counted toward graduation requirements. May not be counted as general education credit or for the major or minor. Credit/No credit. Registration must be completed prior to the beginning of the internship. Prerequisites: junior or senior standing and consent of the instructor, minimum of six business or economics courses. Offered each semester and May Term. May also be taken in the summer for an additional tuition charge. See department head for specific requirements.

FIS 408  Seminar in Risk Management and Insurance  In-depth analysis of advanced topics in risk management and insurance. Topics and assignments vary, with emphasis on current problems of national and international significance. Prerequisite: FIS 304 or 307. Offered annually.

FIS 409  Portfolio Management  Advanced study of investment research, security analysis, and portfolio performance analysis. Students manage a “real dollar” portfolio, proceeds from which are used to provide scholarships for IWU students. Prerequisites: FIS 303 or 309 and consent of instructor. Offered each semester.

ACC 416  Advanced Accounting  Accounting theory applicable to consolidations, partnership organization and operation, liquidation and joint ventures. Prerequisite: ACC 317. Offered each fall.

ACC 417  Accounting Theory and Practice I  Intensive study of a range of topics including but not limited to governmental, non-profit and fund accounting, corporate taxation, capital budgeting, and stock warrants and rights. Prerequisites: ACC 315, 317, 318, 319, BUS 355. Offered each spring.

ACC 418  Accounting Theory and Practice II  Advanced study of a range of topics, including, but not limited to, professional and ethical responsibilities of accountants; law of trusts, wills, and estates; and auditing problems. Prerequisites: ACC 315, 317, 318, 319, BUS 355. Offered each spring.

AFRICAN STUDIES

For information about the major or minor in International Studies with a concentration in African Studies, please see International Studies on page 202.

AMERICAN STUDIES

A. Schultz, Coordinator

American Studies is a multi-disciplinary program that offers students the flexibility to work across disciplines to address major questions about American culture and society. Since its inception at Harvard in the 1920s, scholars in American Studies have recognized that no one discipline can adequately come
to terms with American culture.

All majors take foundation courses that introduce them to the field of American Studies and its roots in literature, history, and, more recently, anthropology. In two requirements titled, respectively, “Social Structure and Institutions” and “Cultural Representations,” students are introduced to divergent methods for understanding and interpreting the American experience. In their three-course concentration and senior seminar, American Studies majors will have the opportunity to fashion their own unique program.

Working closely with the Director of American Studies and American Studies faculty, students may focus their course work and senior research on a time period and study it from a number of disciplinary angles; or they may focus on a theme such as popular culture, ethnicity, gender, political culture, and so on.

The American Studies program also recognizes that to be an American is to be a member of a culture of cultures, both within the geographic boundaries of the United States and across borders. In addition to the foundation courses in historical diversity and cultural anthropology, which provide students with a framework for thinking about the tremendous diversity in American life and culture, American Studies offers a unique requirement titled “The Americas.” This requirement recognizes both the importance of internationalizing the study of the United States and the need for a deeper understanding of the complex relationships among African, European, and Native American cultures in the “New World.”

**Major Sequence:**

A minimum of 11 course units, with no more than three courses taken in any one department and a minimum of four at the 300-400 level. Only one may be a May Term travel course. Courses that are not listed below but are appropriate and available may be considered for inclusion.

1) (1 unit) **American Studies 150**: Introduction to American Studies
2) (3 units) **FOUNDATION COURSES**:

**Cultural Analysis**

Anthropology 171: Cultural Anthropology or an alternative approved by the director for Anthropology majors and minors.

**Historical Diversity**

One course from the following:

- History 151: U.S. to 1877
- History 152: U.S. from 1877
- History 241: Depression America
- History 244: Women and the American Experience
- History 247: The American West
- History 249: Growing Up in America, 1607–Present
- History 252: Sex, Drugs, and Rock and Roll: The Sixties
- History 270: Special Topics (when topic is appropriate)
- History 343: Migration, Ethnicity, and Race

**Literary Analysis**

One course from the following:

English 220: Topics in Literature (when topic is appropriate)
English 258: On the Bus: The Beat Writers
English 259: Sex, Text, and Tradition in Black Women’s Writing

**At least one course from A, B, or C must be taken at the 300 level**

A. (1 unit) Social Structure and Institutions
American Studies students will be introduced to the material or institutional components of experiences in the United States through courses that either introduce theoretical models and/or explore concrete examples. Students may take a course that focuses on social institutions such as race, class, and/or gender. Or they may take a course that addresses political institutions and political processes.

Courses may be chosen from the following:
- American Studies 270: Special Topics in American Studies (when appropriate)
- American Studies 280: Chicago Mosaic
- American Studies 398: American Studies Seminar (when appropriate)
- Anthropology 360: Race, Racism, and Anthropology
- Anthropology 475: Seminar in Anthropology (when topic is appropriate)
- Economics 324: Public Finance
- Economics 329: Labor Economics
- Economics 330: Economics of Race and Gender
- Economics 340: Environmental and Natural Resource Economics
- Economics 360: Urban Economics
- Economics 374: Issues in U.S. Economic History
- Educational Studies 225: Foundations of Education
- Environmental Studies 261: American Environmental History
- History 344: Gilded Age, 1865–1900
- History 347: Commercial and Industrial Transformation of the U.S.
- History 350: Women, Work, and Leisure, 1890–1930
- History 351: Modern America, 1900–1945
- History 352: Recent U.S.
- History 353 or 354: History of United States Foreign Relations
- History 370: Topics in History (when topic is appropriate)
- Political Science 220: Women and Politics
- Political Science 230: American Presidency
- Political Science 243: Public Opinion and Political Behavior
- Political Science 260: American Environmental Politics and Policy
- Political Science 280: Constitutional Issues in Public Policy
- Political Science 301: Studies in Political Culture
- Political Science 307 or 309: Constitutional Law I or Constitutional Law III
- Political Science 350: American Public Policy
- Political Science 362: Cooperation in Environmental Policymaking: The Public-Private Sector Nexus
- Religion 270: Special Topics (when appropriate)
- Religion 310: Cults in America
- Religion 370: Advanced Topics in Religion (when appropriate)
- Sociology 222: Sex and Gender in Society
- Sociology 311: Marriage and Family
- Sociology 314: Communities and Urban Society
Sociology 392: Class, Status and Power  
Women’s Studies 370: Special Topics in Women’s and Gender Studies (when appropriate)

B. (1 unit) Representations
American Studies students must take one course that focuses on the construction and/or representation of cultural meanings. The course must focus on visual, aural, literary, or other representational texts of the United States, either alone or in a comparative perspective.

American Studies 270: Special Topics in American Studies (when appropriate)
American Studies 398: American Studies Seminar (when appropriate)
Anthropology 380: Visual and Ethnographic Methods
Art 320: Modern Art
Art 322: Contemporary Art
Art 370: Special Topics in Art History (when topic is appropriate)
Art 450: Advanced Studies in Art History (when topic is appropriate)
English 351: American Literature to 1865 (Various Topics)
English 352: American Literature after 1865 (Various Topics)
English 354: American Literature since 1945
English 350: Modernism (when focused on American Lit)
English 361: Gender and the Novel (if appropriate)
English 365: Autobiography (if appropriate)
English 366: Romance: The Genre (if appropriate)
English 370: Special Topics in English (when appropriate)
History 245: Individualism and Community in American History
Music 264: Jazz History
Music 350: Special Topics in Music (when appropriate)
Philosophy 230: Philosophy of Feminism
Political Science 308: Constitutional Law II: Civil Liberties
Political Science 317: American Political Thought
Religion 204: Native-American/African Religion
Religion 270: Special Topics (when appropriate)
Religion 370: Special Topics (when appropriate)
Sociology 370: Social Documentary Photography
Theatre 241: Introduction to Dramatic Literature (if appropriate)
Theater 373: Theatre History III (if appropriate)
Theatre 471: American Theatre History
Women’s and Gender Studies 370: Special Topics in Women’s and Gender Studies (when appropriate)

C. (1 unit) The Americas
Students will take one course that introduces them to a culture or cultures of the Americas. The course may also be one that emphasizes the border relationship between the United States and Latin America, the Caribbean, or Canada.

*Denotes courses taught in a language other than English.

Anthropology 250: World Music
Anthropology 275: Anthropology of Theatre, Performance, and Spectacle
English 170: Special Topics in Literature (when appropriate)
English 272: What is Creole?
English 359: World Literature: Caribbean Voices (or other topics when appropriate)
*French 408: Francophone Literature of Africa and the Caribbean
*French 409: Quebecois Literature
History 160: Latin American History
History 360: Modern Brazil, 1825–Present
Literature and Culture Studies 222: Visions of the Self and Representations of the Other in Francophone Literature of Africa and the Caribbean
Literature and Culture Studies 237: Special Topics in Hispanic Literature (when appropriate)
Literature and Culture Studies 330: Studies in Hispanic Literature in Translation (when appropriate)
Music 250: Song and Dance in Latin America
Music 268: Latin American Music
Political Science 270: Studies in Political Culture: Quebec and the Canadian Nation
Religion 206: Women and Religions
Religion 304: Latin American Religions
Spanish 307: Studies in Literature and Translation
*Spanish 316/317: Latin American Culture and Civilization
*Spanish 320: Studies in Cultural History (when appropriate)
*Spanish 360: Special Topics in Media and Film (when appropriate)
*Spanish 410: Special Topics in Literature (when appropriate)
*Spanish 478/488: Latin American Literature

3) (3 units) **Thematic Concentration**
Courses for the thematic concentration will be chosen in close consultation with the Director of American Studies. The concentration will consist of at least three courses from A, B, or C (or approval of the director), no more than two in one department and no more than one at the lower level.

4) (1 unit) **American Studies 490**: Senior Seminar: Methods in American Studies

**Minor Sequence:**
The minor will consist of the following six courses.
1) (1 unit) American Studies 150: Introduction to American Studies
2) (3 units) Thematic Concentration (see above)
3) (1 unit) One Course from A, B, or C (see above)
4) (1 unit) American Studies 490: Senior Seminar

**AMERICAN STUDIES COURSES:**

150  Introduction to American Studies (CHC, U) Cross-listed with HIST 150
This course examines the historical, literary, and material culture of the United States in an effort to provide a model for interdisciplinary study as practiced in the field of American Studies. Topics addressed in the course may include specific events, discrete periods, or larger themes, but in each instance they will serve as significant case studies for the interdisciplinary investigation of the American experience.

270  Special Topics in American Studies  A course with variable content depending
on the particular aspects of the American experience selected for study. Emphasis may be directed toward historical periods or perspectives, geographical areas, and social, intellectual, or cultural phenomena, but the approach to the selected subjects will uniformly stress an interdisciplinary perspective. Offered occasionally.

280  Chicago Mosaic (U)  In this unique travel course students will live in Hyde Park, one of Chicago’s most successfully integrated communities. Students will meet together in a seminar which will include readings, discussions, assignments, and scheduled events that will engage them with Chicago’s diverse populations, cultural expressions, and political processes. Students will meet and talk one-on-one with community organizers, artists, performers, and political leaders. They will visit ethnically diverse neighborhoods and port of entry immigrant communities. They will enjoy Chicago’s diverse foods and experience new worship traditions. They will attend cultural events such as blues clubs, political art galleries, and off-loop theater. Students will also be placed in a nine-day internship with a Chicago-based institution in the students’ major area of interest. Offered occasionally in May Term.

350  Independent Study  Designed to allow students to develop individual interests in American Studies. Prerequisite: consent of instructor. Offered each semester.

398  American Studies Seminar  An interdisciplinary seminar interpreting select issues pertaining to the American experience. Specific topics will vary, according to the expertise of the instructor, but the approach will consistently stress an interdisciplinary perspective. Substantial independent research will be required. Prerequisite: senior standing or consent of the instructor. Offered occasionally.

490  Senior Seminar: Methods in American Studies (W)  A research and writing seminar in which students work with the instructor and a committee of American Studies faculty to produce a senior project that works toward synthesizing some of their work in the major, particularly in the thematic concentration. Though the project will be individual, students will have in common a series of readings on American Studies theories and methods. Must be a senior American Studies major or minor.

ANTHROPOLOGY

Gearhart, Springwood

Anthropology integrates the study of social, cultural, and biological aspects of human behavior. Unique among the social sciences, anthropology is indebted to both the humanities and the natural sciences, yet offers its own holistic perspective. Anthropology’s traditional emphasis upon the non-western world, as well as its focus upon culture, are both timely and practical for university students today. The field can be broken down into several subdisciplines, including the study of contemporary peoples (cultural anthropology), language and communication (linguistic anthropology), evolution and human variation (physical anthropology), and archaeology.

Emphasizing cross-cultural and non-western perspectives, the major in anthropology is designed to offer students a holistic understanding of culture, society, and human diversity. Students following both the anthropology major and minor sequences receive introductions to the field’s major branches, through foundations courses in cultural anthropology, linguistics, archaeology, and physical anthropology. Fundamentals of sociocultural research are learned in visual and ethnographic methods. The remaining requirements of the major are flexible, centering on a number of electives, including geographic area studies.
courses, and other specialty topics.

The minor in anthropology, introducing students to basic components of the discipline, is a valuable supplement to a number of majors offered on campus, such as history, foreign language, business, nursing, psychology, biology, and religion. The study of humankind in its broadest dimensions, anthropology is useful for students entering any service profession, any field of international relations, or any social science graduate studies program.

**Major Sequence:**
A minimum of ten courses to include:
1) 160, 171, 310, 330, and 380
2) one course unit from 273, 274, 277, or 355
3) four additional course units, at least one at the 300 level and no more than one at the 100 level from 175, 250, 270, 275, 288, 295, 350, 352, 355, 360, 366, 370, 397, 450

**Minor Sequence:**
A minimum of six courses to include:
1) 160, 171, 380
2) three additional courses in anthropology, with at least one at the 300-level.

For additional information, consult the Anthropology program’s web page at [http://www.iwu.edu/anthropology/].

**160 Human Origins (LSI)** An introduction to human biological evolution and prehistory. Principle topics include the nature of modern science, primate adaptation, human variation and adaptation, the human fossil record, history of evolutionary thought, and the mechanics of evolution. *Offered each fall.*

**171 Cultural Anthropology (CSI, G)** Introduces the study of cultures and social processes throughout the world today, with attention to anthropological theory and method. Topics include kinship, exchange systems, political organization, religion, and the expressive arts. Case studies from the non-western world as well as the contemporary U.S. *Offered each semester.*

**175 Introduction to Archaeology** This course introduces students to the basic theories and methods that anthropological archaeologists use in the study of material culture, past and present. Students examine the history and evolution of field archaeology paying close attention to the contemporary excavation methods being used by archaeologists working on active sites in Illinois and around the world. *Offered as needed.*

**250 World Music (AR, G)** Students in this course will use an anthropological approach known as ethnomusicology to study the various ways in which people in several societies around the world create music in order to express themselves and their unique cultures. Students will be exposed to these musical traditions through readings, lectures, and films, as well as through experiential learning in workshops with international musicians and by observing professional performers at live concerts throughout the term. *Offered in alternate years, May Term.*

**252 Gender in Cross-Cultural Perspective (CSI, G, W)** Examination of gender and sex cross-culturally and in evolutionary perspective, with emphasis on the developing world. Topics include women and men in prehistory; notions of masculinity, femininity, and sexuality; the sexual division of labor and economic organization; gender roles in ritual contexts; and the impact of sociocultural change on gender issues. *Offered as needed.*

**270 Special Topics** Selected topics in anthropology open to students in all majors. May be repeated for credit if content is not duplicated. *Offered as needed.*
273  Self and Society in Japan (CSI, G)  Aspects of everyday living in social and cultural context, with emphasis on social relations and the social institutions of family, work, education, medicine, and religion. Other topics include gender, play, art, and popular culture. Offered in alternate years.

274  Peoples and Cultures of East Africa (CSI, G) (Cross-listed with ENST 274)  Survey of select east African societies whose cultural adaptations to varied ecosystems make interesting case studies for comparative analysis. Reveals the diversity and the congruity of human social systems. Offered annually.

275  Anthropology of Theatre, Performance & Spectacle (AR, G)  Highlights the social significance of public music and dance rituals performed by select societies around the world. Of special interest to majors of anthropology, music, dance, and theater arts. Offered as needed.

277  Area Studies  Selected topics in anthropology with regional focus open to students of all majors, particularly sophomores and juniors. May be repeated for credit if content is not duplicated. Offered as needed.

288  Consuming Passions: The Anthropology of Food (G) (Cross-listed with ENST 288)  Considers forms of human eating in historical and cross-cultural perspective and their relationship to the environment. Examines various systems of subsistence, from hunting and gathering to horticulture to pastoralism, as well as the symbolic aspects of food choice. Offered in alternate years.

295  Travel Course in Anthropology  First hand observations of the social institutions, cultural practices, and daily life of a particular society, of a distinct cultural group or society. Offered occasionally in May term.

310  Issues and Ethnography in Anthropology (G, W)  Examines issues and controversies in classical and contemporary ethnographic literature. Prerequisite: ANTH 171. Offered in alternate years.

330  Language, Communication, and Culture (G)  Explores the relationship between language, society, and thought. The topics include the evolutionary origins of human language, multilingualism, non-verbal behavior, and gendered differences in communication styles. Offered in alternate years.

350  Healing, Birthing, and Dying (G, W)  Highlights the variety of ways illness and wellness are conceptualized and the practices that frame and give meaning to healing. Healers and scholars with expertise in non-western, alternative, and complimentary modalities introduce students to a variety of healing philosophies. Students select a healer with whom to work closely and produce an ethnography documenting their research. Offered alternate years.

355  African Expressive Arts (AR, G)  This course introduces students to a variety of African expressive art forms in historical particularist and cross-cultural perspective. Artists, scholars, and performers, who specialize in specific African media will share their expertise in lecture-demonstrations and workshops, providing students with hands-on learning experiences. Offered alternate years in May Term.

360  Race, Racism, and Anthropology (IT, U)  Traces the relationship of anthropology’s role in both inventing the concept of human races, and then challenging that conception. Examines how racial identities emerge from a variety of social and intellectual traditions that attempt to define race. Considers systems of racial classification and racism in non-Western societies, in addition to the U.S. Offered in alternate years.

366  That Complex Whole: Co-Evolution of Biology & Culture  Believing behavior cannot be reduced to distinct biological or environmental causes, course seeks a full appreciation of complexity as it applies to the human experience. Analyzes classical debates about the “causes of human behavior” and highlights the relationship of biological evolution of human culture. Offered as needed.
370  **Special Topics**  Specially-designed courses of a topical nature intended for juniors and seniors. May be repeated for credit if content is not duplicated. *Offered as needed.*

380  **Visual and Ethnographic Methods**  Analysis of the production of visual ethnographic material from the turn of the century to the present is followed by hands-on training in ethnographic interviewing and culminates with student-produced ethnographic films. *Offered in alternate years in spring.*

397  **Internship**  Directed research and work in an appropriate social agency, lab, or museum. Prerequisites: Junior or senior standing and approval of the Sociology and Anthropology Department. See Career Center for preliminary details and internship forms. *Offered each semester.*

450  **Independent Study**  Individual study in an area of special interest. Student must devise a plan of study in cooperation with instructor. Limit: two units of credit. Junior or senior standing. *Offered each semester.*

**ART**

*Strandberg, School of Art Faculty*

The Bachelor of Arts degree offered by the School of Art through the College of Liberal Arts is a flexible two track program that is intended to facilitate integration with study in other fields. The BA is the appropriate degree in art for most students who want to double major.

Many courses in art are open to the general student as electives without prerequisites, and art may form a major sequence in the Liberal Arts College for the Bachelor of Arts degree.

A student who has had an extensive background in art through high school may seek admission by presenting a portfolio for evaluation by the art faculty. In lieu of a portfolio, the School of Art will accept any student as a Bachelor of Arts degree major who meets the general requirements for entrance to the University. For transfer students to be admitted to the School of Art, a portfolio is required if the equivalent of one year’s college work or more is acceptable to Illinois Wesleyan.

A full description of the courses listed below may be found under the School of Art in the College of Fine Arts section of this Catalog.

**Major Sequence for BA in Art:**

**STUDIO ART TRACK REQUIRED COURSES**

111  Foundation Art  
113  Drawing I  
115  Introduction to Art History  
130  Painting I  
135  Printmaking I  
137 or 139  Sculpture I or Ceramics I  
200  level studio art  
200  level studio art  
300  level studio art  
320  Modern Art  
322  Contemporary Art  
399  Art Seminar  

12 units total; 4 units 300 level and above
DESIGN TRACK REQUIRED COURSES

111  Foundation Art
113  Drawing I
115  Introduction to Art History
320  Surrealism to Pop
322  Contemporary Art: Pop to present
100  level studio
100  level studio
141  Graphic Design I
241  Graphic Design II
242  Graphic Design: Web Design
341  Graphic Design III
342  Graphic Design: Web Design II
343  Graphic Design IV
399  Art Seminar

14 units total; 6 units 300 level and above

Additional units beyond 14 taken in the School of Art will not count toward the total required for graduation.

A description of the minor in art can be found in the School of Art section of this Catalog.

ARTS MANAGEMENT

Marvin, Coordinator

The Arts Management minor is designed to help prepare individuals to effectively manage performing and visual arts organizations such as galleries, theatres, orchestras, museums, and arts councils. The program is designed to complement major study in one of the Fine Arts disciplines; accordingly, the minor sequence is available only to students majoring in art, music, or theatre arts. A description of additional requirements or restrictions may be found elsewhere in this Catalog under the sections listing the B.A. requirements for Music and Theatre Arts and the B.A. and B.F.A. requirements for Art.

Minor Sequence in Arts Management:
Six course units to include:
1) Accounting 112
2) Business Administration 332, 341, 355
3) two courses chosen from Accounting 212, Business Administration 344 and English 211.

ASIAN STUDIES

For information about the major or minor in International Studies with a concentration in Asian Studies, please see International Studies on page 202.

BIOLOGY

Walker, Balser, Bollivar, Harper, Hippensteele, Jaeckle, Lehr, Walter

A basic assumption underlying the biology curriculum is that all undergraduate biology majors, regardless of future plans for specialization, can profit
by taking a required core of courses emphasizing study at the molecular/cellular, organismal, and population/community levels of organization, thereby gaining a broad introduction to the principles of all important areas of modern biology.

Students planning a major sequence in the field of the biological sciences should include in the four-year program of studies as much experience as possible in other sciences (particularly chemistry and physics) and mathematics.

Satisfactory completion of such a program provides the student with the necessary background for: (1) graduate level study; (2) admission to schools of medicine, dentistry, environmental science, forestry, osteopathy, pharmacy, optometry, veterinary medicine, physical therapy, or paramedical programs; (3) teaching biology at the secondary level*; and (4) positions in research, industrial laboratories, and government field work.

Opportunities for independent study are offered for second, third, and fourth-year students in the courses 399, 495, and 499. Biology 395 serves as an introduction to biological research. None of these courses or combinations of any of these courses can be taken for more than two course units.

All students must earn a “C-” or better in General Biology 102 in order to take courses requiring 102 as a prerequisite.

**Major Sequence:**
A minimum of ten courses in biology to include:
1) Biology 101 and 102
2) two courses in Molecular or Cellular Biology to include Genetics (312) and one other course (selected from 240, 314, 317, 330, 407, 410, 412 or 414)
3) two courses in Systems or Organismal Biology to include one course in Plant Biology (306 or 315) and one other course (selected from 219, 302, 307, 310, 311, 313 or 314)
4) one course in Population or Community Biology, or in Evolutionary Biology (selected from 217, 219, or 316)
5) three additional courses selected from departmental offerings
6) one of the ten courses must have a significant investigative component—research and/or use of primary literature and/or experimental work (selected from 217, 302, 314, 326, 327, 328, 330, 399, 407, 411, 412, 495, or 499)

Cross-listed courses in numbers 2 and 3 (314) and 3 and 4 (219) cannot be counted towards both categories.

Although not required for the biology major, in preparation for many careers in biology students are expected to take:
1) four lab courses in Chemistry (201, 202, 311, 312)
2) two lab courses in Physics (101, 102 or 105, 106)
3) Mathematics through 176 (or proficiency)

**Minor Sequence:**
Five courses in biology to include:
1) Biology 101 and 102
2) one course in botany selected from 306 or 315
3) two additional Biology courses, one of which must be numbered 300 or above.

*Biology majors and minors who seek a secondary teaching license declare
a second major in secondary education and apply to the Teacher Education program in the sophomore year. Additional coursework in the physical sciences is required for licensure. Refer to the Educational Studies section in this Catalog and the Teacher Education Program Handbook (http://www.iwu.edu/edstudies/handbooks/) for further information.

101, 102 General Biology (1.25) (1.25) (LSL) A concentrated introduction to molecular, cellular, genetic, developmental, and organismic biology. Emphasis on fundamental principles, concepts, and current developments of modern biology. Intended for biology majors, pre-medical, pre-dental, and pre-veterinary students, and interested non-majors. Five hours of lecture and three hours of laboratory per week. Prerequisite: 101 for 102. 101 offered each fall; 102 offered each spring.

104 Plants and Civilization (LSI) A general introduction to the biology of plants and to the importance and usefulness of plants and plant products to humans. Issues related to genetically modified crops and modern agriculture will be included. Credit will not be given toward the biology major. Offered occasionally.

107, 108 Human Biology: Anatomy and Physiology (1.25) (1.25) (LSL for 107) A concentrated introduction to the biology of human beings. Emphasis on the structure and function of the human body; its organs and organ systems. Prerequisite for 108: successful completion of 107 or, in special circumstances, consent of instructor. Five hours of lecture and two hours of anatomy/physiology laboratory per week. Credit for biology majors will be given only by written consent of the department chair. Credit in biology will not be given for both Human Biology 107-108 and General Biology 101-102. 107 offered each fall; 108 offered each spring.

110 Biology and Human Concerns (LSI) A general introduction for non-majors to the nature of biology and the impact of modern biological science upon their lives and values. Emphasis will be upon current topical issues in the field, such as genetic and bioengineering, immunology, fetal transplantation, and population issues. Credit will not be given toward the biology major or minor. Offered occasionally.

114 The Microbial World (1.25) (LSI) An introduction to the biology of microbes that concentrates on bacteria and viruses. Emphasis on human health issues, on applied microbiology, and on the roles of microbes in the environment. Four hours of lecture and three hours of laboratory per week. Credit will not be given toward the biology major. Prerequisites: CHEM 110, BIOL 107, concurrent enrollment in BIOL 108, and consent of instructor. Offered each spring.

117 Physiological Myths Participants will consider whether they should accept or reject certain commonly held beliefs that relate to conditions of human function. This requires analyzing the premises on which those beliefs are based and evaluating the scientific methodology that is popularly accepted as support for those premises. This course is intended for the non-major. Credit will not be given toward the biology major or minor. Offered occasionally in May term.

120 Ecology and Environmental Problems (LSI) (Cross-listed with ENST 120) An examination of major environmental concepts, problems and possible solutions. Basic ecological principles will serve as a foundation for discussion of such issues as human population growth, resource extraction/depletion, and pollution. Designed for non-science majors; credit will not be given toward the biology major or minor. Offered each spring.

164 The Marine Realm (LSI) This course examines the inspiring diversity of marine life and investigates the interactions of humans with the marine environment. Credit will not be given toward the biology major or minor. Offered every other spring.

209 Biostatistics and Experimental Design An introduction to statistical theories and tests applied in the analysis of biological data, and to the proper design of scientific
experiments. Students will practice asking pertinent questions and critically reading scientific literature in preparing for research projects. Each student will orally review and critique published research articles. Prerequisites: 101 and 102. *Offered each spring.*

210  **Introduction to Human Evolution (LSL)**   Examination of the hypotheses about the origin and evolution of the human species and of the pertinent anatomical, behavioral, and paleobiological evidence. *Offered occasionally in May term.*

217  **Introductory Ecology (1.25) (W)**   An introduction to the major concepts of ecology; the structure and function of ecosystems, population and community dynamics, and plant and animal adaptations. Four hours of lecture and four hours of laboratory/field work per week. Prerequisites: 101 and 102. *Offered each fall.*

218  **Field Ornithology (LSI) (Cross-listed with ENST 218)**   This course provides students with an introduction to the identification and ecology of Midwestern birds. The course has a strong field emphasis and much time will be spent practicing bird identification, observing bird behavior and investigating relevant areas of bird biology and ecology. No previous experience with birds is expected. Prerequisites: 101 and 102. *Offered alternate May Term.*

219  **Biology of Invertebrates (1.25)**   This course is a comparative study of the functional morphology, behavior, and ecological and evolutionary relationships of invertebrate animals. Students work with live specimens whenever possible. Three hours of lecture and four hours of laboratory per week. Prerequisites: 101 and 102. *Offered each fall.*

220  **Natural History of Illinois (LSL, W) (Cross-listed with ENST 220)**   The study of natural history is an endeavor in understanding the myriad of parameters that contribute to the complexities of the natural world. This course is designed to explore, through lecture, laboratory, and field studies, the geological, climatic, biological, and ecological aspects of the environment of Illinois. *Offered alternate fall semesters.*

230  **Behavioral Ecology**   An exploration of animal behavior from an evolutionary perspective. After examining the theory of natural selection, this concept will be applied to topics including territoriality, foraging ecology, antipredator behavior, sexual selection, and altruism. An examination of experimental studies testing hypotheses about these behaviors will be used to explore these topics. Prerequisites: 101 and 102. *Offered as needed.*

240  **Introduction to Cellular and Molecular Biology (W)**   An examination of eukaryotic cell structure and function, covering cellular membranes; organelle and cytoskeletal function, biogenesis, and organization. The regulation and coordination of these processes will also be examined. Four hours of lecture and four hours of laboratory per week. Prerequisites: 101, 102 or consent of the instructor. *Offered each fall.*

300  **Biology and Ethics (AV, W)**   A study of ethical and social issues arising out of the rapidly developing fields of reproductive biology and genetics. In the first quarter of the course, students will be introduced to different ethical theories; in the remainder of the semester, they will look at specific ethical issues. Issues examined may include those that arise in connection with RU-486, surrogacy, IVF, sex cell storage, cloning, and human stem cell research. *Offered occasionally.*

302  **Parasitology (1.25) (W)**   An in-depth study of the life histories of parasites and the medical, environmental, and economic impact of parasites to human and animal populations. Emphasis will be placed on evolution of parasite-host relationships and on the environmental consequences and cost of parasite treatment and control. Prerequisites: 101, 102 or 107 and 108 or permission of the instructor. *Offered in alternate years, spring semester.*

306  **Plant and Fungal Diversity (1.25)**   An examination of the major groups of plants and fungi plus a consideration of their evolutionary origins and phylogenetic
relationships. Four hours of lecture and five hours of laboratory per week. One field trip. Prerequisites: 101 and 102. Offered each fall.

307 Animal Physiology (1.25) Principles of normal function in various animals including control system regulation ranging from molecular to organismal levels. Four hours of lecture and four hours of laboratory per week. Prerequisites: 101 and 102, Organic Chemistry and General Physics (one may be concurrent), or consent of instructor. Offered each fall.

309 Biological Techniques Laboratory experience in the use of instruments, equipment and techniques commonly employed in histological preparation. Prerequisites: 101 and 102, consent of instructor. Offered as needed.

310 Chordate Comparative Anatomy (1.25) Structural and functional organization and evolution of chordate animals. Four hours of lecture and five hours of laboratory per week. Prerequisite: 101 and 102. Offered each spring.

311 Developmental Biology (1.25) Analysis of the embryology of animals, with emphasis on vertebrate development. Observational and experimental aspects of embryology will be presented regarding the construction of animal body plans at the organismal and tissue levels of organization. Four hours of lecture and four hours of laboratory per week. Prerequisites: 101 and 102. Offered each spring.

312 Genetics (LSI) Basic principles of Mendelian, molecular, and population genetics. Four hours of lecture. Prerequisites: 101 and 102. Offered each semester.

313 Histology (1.25) A microscopic examination of the structure of animal cells, tissues, and organs in lab is coupled with an examination of their structural and functional properties in lecture. Three hours of lecture and four hours of laboratory work per week. Offered each fall.

314 Microbiology (1.25) Study of microorganisms, emphasizing biology of bacteria and viruses and including basic study of immune responses to antigenic substances. Four hours of lecture and four hours of laboratory per week. Prerequisites: 101, 102 (306 recommended). Offered each fall.

315 Plant Anatomy and Physiology (1.25) A study of vascular plant structure and function integrating knowledge of plant anatomy, water relations, metabolism, growth, and development. Three hours of lecture and four hours of laboratory per week. Prerequisites: 101 and 102. Offered each spring.

316 Evolution (LSI) An examination of evolutionary theory, covering genetic and biochemical concepts of evolution; adaptation, selection, and the origin of diversity; biogeography; earth history; paleontology; and systematics of plants and animals. Three hours of lecture and one hour of lab/discussion per week. Prerequisites: 101 and 102. Offered each fall.

317 Survey of Biochemistry (Cross-listed with CHEM 317) An introduction to the fundamental principles of biochemistry and the application of chemical principles to biological problems. Topics include the structure and function of proteins, nucleic acids, carbohydrates, lipids, as well as the major catabolic and biosynthetic pathways. Prerequisite: BIOL 102 and CHEM 312 (grade of C- or better) or the consent of the instructor. Offered each spring.

320 Marine Biology (G) A survey of the tropical reef marine environment; the biology of marine plants and animals, ecological relationships and community dynamics. Studies will be conducted at a marine station on the Great Barrier Reef in Australia. Prerequisites: 101 and 102 and consent of instructor. Recommended: 217 or 219. No more than two travel courses may count toward 300-level courses in the department. Offered occasionally in May term.

321 Conservation Biology and Restoration Ecology (1.25) (Cross-listed with
ENST 321) Ecological principles and conservation law and policy will serve as a basis to assess human impacts on biological diversity and to develop practical approaches to prevent species extinction. Labs will involve students in applying restoration ecology principles and techniques in the field to restore local ecosystems. Prerequisites: BIOL 102. Offered in alternate years.

325 Terrestrial Biology Field studies of the structure and dynamics of representative communities of a geographical region. Prerequisites: 101 and 102. Recommended: 217 or 306. No more than two travel courses may count toward 300-level courses in the department. Offered occasionally in May term.

326 Topics in Marine Biology A seminar in invertebrate zoology that explores from the primary literature diverse aspects of marine and freshwater animals and the environments in which they live. Prerequisites: 101, 102, and any upper level biology course. Offered occasionally.

327 Experimental Ecology (1.25) (W) A researched-based course in ecology in which students present and critique published ecological studies, write a research proposal and design and conduct a research project on a topic of their choice. The results of the study will be summarized in an oral presentation and a poster. Prerequisite: 101 and 102. Offered occasionally.

328 Experimental Zoology (1.25) (W) A research–based course that explores fundamental concepts in development, physiology, and life history characteristics of animals by analyzing primary literature and conducting experiments. Students explore model systems in animal biology through in-depth study of a few species of animal. Students also have the opportunity to design and complete their own research projects. Prerequisites: 101, 102, and any 200 level or higher biology course. Offered in alternate years, spring semester.

330 Topics in Cell Biology A detailed examination and discussion of selected topics in cell biology. Readings from the primary scientific literature are an integral part of the course. Students will conduct research on a topic of their choice and summarize the research in both a written and oral presentation. Prerequisites: 101, 102; 240 or 2 years of chemistry (recommend: 312). Sophomores interested in course should seek consent of instructor. Offered occasionally.

350 Tropical Ecology (LSI, G) (Cross-listed with ENST 350) An examination of the ecosystems, animals, and plants of Costa Rica, including issues associated with the preservation of biodiversity. Studies will be conducted both in Costa Rica and in the classroom. Prerequisite: consent of instructor and BIOL 102. Offered in alternate May Terms.

395 Introduction to Research An on-campus introduction to research with a supervising faculty member. Students will be introduced to the research tools and techniques of an area of biological research. Prerequisite: consent of instructor. (1/2 unit; Credit/Non-credit; must have a major or minor in Biology). May not be repeated. Offered each semester.

398 Medical Externship In cooperation with physicians of different specialities, these experiences involve full-time observation/participation in the physician’s daily routines, including office/clinic hours, hospital rounds, surgery, staff meetings, etc. A daily written log is required. Credit will not count toward the major or minor in biology. Prerequisites: junior standing and consent of instructor. This course is limited to students seriously considering a medical career and who meet the requirements necessary to apply for admission to medical school. (Credit/Non-credit) Offered each May term.

399 Off-Campus Research Research will be conducted off-campus in collaboration with a research program approved by the Biology Department chair and a supervising
faculty member. The research will be summarized on campus in a scientific paper, and in a poster or oral presentation. Prerequisites: 101 and 102. (1/2 or 1 unit; Credit/Non-credit; must have a major or minor in Biology). May be repeated for a maximum of one course unit. Offered each semester.

407  Neurophysiology  Neural control systems: receptor design; logic of neuronal networks; neural integration and decision making. Three hours of seminar per week. Prerequisite: 307. Offered in alternate years, spring semester.

410  Molecular Foundations of Developmental Biology (W)  Examination of cellular and molecular mechanisms utilized during the developmental process. Discussions include the intercellular communications, regulations of gene expression, and intracellular phenomena that result in the patterning of the embryo and the differentiation of the cell. Evolutionary and medical topics of relevance will also be addressed. At least one of the following courses is recommended: 240, 311, 312. Offered fall semester.

411  Experimental Embryology  An experimental study of vertebrate development. Laboratory studies will emphasize specialized histological, cellular, and molecular techniques. Prerequisite: 311 and consent of instructor. Offered as needed.

412  Molecular Genetics (1.25) (W)  The molecular basis of heredity will be discussed—including DNA replication, maintenance of the genome, our present understanding of eukaryotic gene structure, and gene expression. Much of the course is based on papers from the scientific literature. Weekly labs will provide a thorough introduction to the tools and methods currently used in the field of molecular genetics. Three one-hour lectures, one hour discussion and one four-hour lab per week. Offered in alternate years, spring semester.

414  Biochemistry I (1.00)(1.25) (Cross-listed with CHEM 414)  The fundamentals of biochemistry, including an exploration of biomolecules and an introduction to experimental techniques. An emphasis is placed on understanding the structure and function of proteins, enzyme kinetics and regulation, nucleic acid chemistry, and bioenergetics. Offered for 1.0 unit without lab or for 1.25 units with optional four-hour laboratory. Prerequisite: CHEM 312 (grade of C- or better) or the consent of the instructor. Offered each fall.

495  Directed Study  Individualized directed readings on a topic of interest to the student which is not normally a part of the curriculum. The work may include a laboratory component. It may also include the requirement for the preparation of a significant paper which brings together the results of the study. (1/2 or 1 unit) Offered each semester.

499  Research/Thesis  Experimental or theoretical examination of an unsolved problem on a topic of interest to the student and cooperating faculty member. A significant paper detailing the findings of the investigation is expected at the conclusion of the work. (1/2 or 1 unit) May be repeated for a maximum of two units. Prerequisite: consent of instructor. Offered each semester.

BUSINESS ADMINISTRATION

Marvin, Hoyt, Kearney, Walsh, Wallace

The Department of Business Administration offers majors in Business Administration and International Business. The mission of the department is to prepare students for life-long learning. Faculty attempt to do more than simply meet incoming students’ expectations of their academic experience; we hope to shape those expectations as well. In particular, faculty in the department are committed to the following activities: awakening students to the excitement of learning; exposing students to technological, analytical, research, and communication skills
necessary to function successfully in managerial or organizational careers; preparing
students for advanced graduate programs, particularly in law, business, interna-
tional relations, or related fields; helping students to function independently in
a professional environment immediately upon graduation; sensitizing student to
a global world in which respect for cultural and intellectual diversity is essential;
and encouraging students to consider at all times how their actions and those
organizations of which they are a part affect society.

Through course work and co-curricular activities sponsored by the depart-
ment, faculty encourage students to gain an awareness of their own potential,
assuming responsibility for their own actions, and making ethical long-term
choices. The curriculum in the department offers students a broad range of
instructional methods and engages students in a wide variety of assignments,
including those which stress reading, writing, quantitative analysis, the use of
computers, and group work. Juniors and seniors are encouraged to participate
in internships, including those with academic credit. Internships can add a new
dimension to remaining courses and can help students prepare for entry into for-
profit or non-profit organizations after graduation. Students are also encouraged
to pursue individual research projects in collaboration with faculty and to take
advantage of the many leadership opportunities associated with the department’s
student clubs and organizations.

Lower-level (100-200) courses in the department are open to all students.
Upper-level (300-400) courses in the department are open to students not major-
ing or minoring in business administration, accounting, international business,
financial services, or economics with consent of the department head; a small
percentage of seats in each class is reserved to accommodate such students, but
such students should follow the department’s closed course petitioning process
by contacting the department head. However, students not majoring or minor-
ing in business administration, accounting, international business, financial
services, or economics may take only one upper-level course in the depart-
ment unless required to do so by a major outside the Department of Business
Administration, or unless they receive permission from the department head.

The major in business administration provides balanced preparation for
entry into business or government and for admission to schools of law and
graduate schools of business.

Recognizing the growing importance of multinational commerce, the
Department of Business Administration, in cooperation with the International
Studies program, offers an international business major. The major is interdisciplin-
ary, with a global, rather than regional, focus. It is designed to complement study
in a foreign language or an area studies minor and is intended to help prepare
students for graduate study, for entry-level positions abroad, or for employment
in domestic firms with multinational operations.

The increasingly quantitative character of modern business practice suggests
that students elect additional mathematics beyond that required for the major,
and students considering graduate work in business should take at least one
semester of undergraduate calculus. For many students, one or more computer
science courses may be appropriate. See the Computer Science section of this
Catalog for course offerings.

Students seeking to matriculate into a major in business administration or
international business, should complete the following six courses by the end of
their sophomore year: (1) Gateway Colloquium; (2) Mathematics 110, 161,
165, or university credit for AP Calculus; (3) Economics 100 (Introduction to
Economics); (4) Economics 227 (Statistics for Business and Economics); (5)
Accounting 112 (Accounting for Decision Making I); and (6) Accounting 212
(Accounting for Decision Making II). A grade of C- or higher must be earned
in each of these courses. In addition, a student’s cumulative GPA in these six
courses must equal or exceed 2.50.

No student wishing to major in business administration, accounting, interna-
tional business, or financial services will be permitted to enroll in any upper-
level course in the department, except Business Law I (BUS 355), prior to
meeting these requirements.

Business Administration and International Business majors may count no
more than 2 non-required ACC or FIS courses toward the 18 courses outside
their major department.

A course included in one major may not be used to fulfill requirements
of another major or minor. Upper level (300-400) courses taken at another
college or university at the freshman/sophomore level may not be used to satisfy
major or minor requirements, absent department head approval.

Business Majors minoring in Hispanic Studies reference page 191.

Major Sequence in Business Administration:
A minimum of 12 course units to include:
1) Accounting 112, 212, Business Administration 331, 341, 355, 490,
Economics 227, and Finance 303,
2) three 200-300-400 level accounting, business, or finance courses (except
397)
3) a designated course from a department other than business administration
or an additional elective from business administration (see below).

Other courses outside the department that business administration majors
are required to complete:
1) Mathematics 110, 161, 165, or university credit for AP Calculus
2) Economics 100.

The department requires students to complete one of three concentrations
in the business administration major: management, marketing, or general
management studies. Each concentration requires the completion of the eight
core courses—Accounting 112, 212, Business Administration 331, 341, 355,
490, Economics 227, and Finance 303,—and four electives in the discipline, as
follows:

Management Concentration
1) three course units from Business Administration 220, 342, 344, 349,
356, 451, 455 (with department head approval), Finance 200 or 307.
2) one course unit from Economics 314, 329, and 351, Health 301 and
350, Psychology 259 and 270/370 (with department head approval), and
Sociology 210 and 230.

Marketing Concentration
1) three course units from Business Administration 220, 332, 333, 334,
335, 339, 451, 455 (with department head approval) or Finance 200,
2) one course unit from Anthropology 171, Art 141, English 211, Psychology 211, 212, 259, and 270/370 (with department head approval), and Sociology 210 and 327.

General Management Studies Concentration
This concentration is intended for students who wish to explore a variety of areas in business; all four electives in this area must be from 200-300-400 level courses offered in the Departments of Business Administration and Accounting and Financial Services.

Minor Sequence in Business Administration:
Six course units to include:
1) Accounting 112, 212
2) Business Administration 331, 341
3) Finance 303
4) Economics 227.

Major Sequence in International Business:
Nine course units to include: Accounting 112, 212, Business Administration 331, 341, 355, 451, 490, Economics 227, and Finance 303.

Other requirements for international business majors:
1) Mathematics 110, 161, 165, or university credit for AP Calculus
2) Economics 100
3) International Studies 240
4) two course units selected from Business Administration 360, Economics 351, 352, 355, or Political Science 345.
5) two course units selected from Anthropology 171, History 122, 353, 354, or Political Science 102. At least one of the two units must be at the 300-level. (Other courses as appropriate and available may be considered for inclusion.)
6) formal study outside the U.S. is required. Normally, domestic students will fulfill this requirement by a semester, summer, or academic year in formal study abroad. Other options for fulfilling the requirement should be discussed with the department head no later than the end of the student’s sophomore year.

Minor Sequence in Human Services Management:
Five course units to include:
1) Economics 100
2) Accounting 112
3) Finance 200
4) two courses chosen from Business Administration 332, 341, and 344.

Note: Successful completion of all foundation course requirements or consent of department chair is a prerequisite to all 300-400 level courses, except Business Law I (BUS 355), unless the student is minoring in a business field or is required to take one of these courses in a major outside the department.

220 Foundations of Information Systems
Application of information systems (IS) for competitive advantage. Students learn to apply management concepts to understand threats posed by and opportunities offered through the effective use of IS. Students will develop advanced competency in understanding various technologies and their effective uses. Discussions focus on companies such as Google, Netflix, and Facebook. Offered occasionally.

270 Special Topics
Courses treating specialized topics in accounting, business,
international business, or risk management. Two or more may be taken concurrently or repeated for credit if the topic matter is different. Offered occasionally.

280 Business and Society A study of the business organization as part of a complex socioeconomic system. Emphasis on major problem areas associated with relations between the firm and multiple publics, e.g., consumers, employees, government, owners. Focus on strategically managing competing interests within constraints of social responsiveness. Open to junior and senior business and non business majors. Offered occasionally.

329 Seminar in Information Systems In-depth study of selected topics in information systems. Topics vary according to student and faculty interest. May be repeated for credit if the topic matter is different. Prerequisites: ACC 218 or BUS 220 or consent of department head. Offered occasionally.

331 Marketing: Principles and Management Functions and activities of the consumer, retailer, and wholesaler. Consideration of development of marketing programs including product planning, marketing communications, and pricing policies. Offered each semester.

332 Marketing in Services Industries and Not-for-Profit Organizations Marketing problems and strategies in service organizations, including retailers, hospitals, not-for-profit agencies, banking and arts organizations. Prerequisites: BUS 331 or Arts Management/Human Services Management minor or consent of instructor. Offered annually.

333 Marketing Channels (W) Course centers on the product and service distribution process and on intermediaries between manufacturer and customer. Theoretical concepts of marketing channels, as well as their evolution, structure, and management in both a local and national context are covered. Topics include various forms of retailing and wholesaling, such as department stores, restaurants, groceries, and franchises. Global dimensions are stressed since distribution is a major strength of the U.S. marketplace, where the U.S. still serves as a model for the rest of the world. Prerequisite: BUS 331. Offered annually.

334 Marketing and Social Responsibility Covers the current and historical ethical, regulatory and legal issues of marketing. Topic areas also include corporate responsibility and consumer responsibility. Prerequisite: BUS 331. Offered occasionally.

335 Consumer Behavior Application of social psychology to consumption situations. Situations include buying, selling, use and disposal of goods and services. Topics include attitudes, perception, decision making and internal and external influences on consumer behavior. Prerequisite: BUS 331.

339 Seminar in Marketing In-depth study of selected topics in marketing. Topics vary according to student and faculty interests. May be repeated for credit if the topic matter is different. Prerequisite: BUS 331 or consent of department head. Offered annually.

341 Organization and Management An introduction to organization theory and fundamental considerations of planning, organizing, and controlling organizations. Focus is on theories of motivation, perception, communication, decision making, group behavior, leadership, control tools, and change as they relate to the practicing manager in business, government, hospitals, and schools. Offered each semester.

342 Production/Operations Management The addressing of the production problems of manufacturing and service industries competing in domestic and international markets. Topic areas include production technology, capacity planning, facility location/layout, production scheduling, inventory systems, and quality control. Quantitative methods and analytical techniques are emphasized through problem solving. Site visits will be scheduled during some class hours; students are responsible for their own local

140
The College of
Liberal Arts
transportation. Open to juniors and seniors only. Offered occasionally.

344 Human Resources Management The role of human resources management and its effects on individuals as managers or employees. Case studies are used extensively. Individual and group behavior are investigated. Offered annually.

349 Seminar in Management In-depth study of selected topics in management. Topics vary according to student and faculty interests. May be repeated for credit if the topic matter is different. Prerequisite: BUS 341 or consent of department head. Offered annually.

355 Business Law I (Legal Environment) (W) Nature of law and courts; international law; crimes and torts; administrative law; wills, trusts and estates; insurance law; antitrust law; landlord/tenant relationships. Introduction to contracts, sales, commercial paper, secured transactions. Prerequisite: sophomore standing and either ACC 112 or consent of instructor. Offered each semester.

356 Business Law II Detailed coverage of topics introduced in BUS 355 with additional focus on the law of organizations. Other topics covered are appropriate for those planning to sit for the CPA examination, such as professional responsibility, ethics, duties and liabilities. Prerequisite: BUS 355. Offered annually.

360 Travel Seminar A travel course designed to increase students’ awareness and familiarity with the business practices, culture, politics, and values of different countries around the world. Students meet with business executives, educators, government officials, and visit various business organizations and cultural sites. Prerequisite: consent of instructor. Offered each May Term.

370 Special Topics Courses treating specialized topics in accounting, business, international business, or risk management at an advanced level. Two or more may be taken concurrently or repeated for credit if the topic matter is different. Prerequisite will depend on topic. Offered occasionally.

395 Internship in Teaching Intensive experience in assisting with the instruction of a specific course in business or economics. Assignments include researching, organizing, preparing, and delivering a small number of lectures in that class. Prerequisites: major in accounting, business administration, international business, economics or risk management; completion of 22 or more course units; minimum of 3.25 GPA in major; consent of department head. Offered each semester and May Term.

397 Internship in Industry Not more than one course unit may be counted toward graduation requirements. May not be counted as general education credit or for the major or minor. Credit/No credit. Registration must be completed prior to the beginning of the internship. Prerequisites: junior or senior standing and consent of the instructor, minimum of six business or economics courses. Offered each semester and May Term. May also be taken in the summer for an additional tuition charge. See department head for specific requirements.

451 International Business (G) Organizational alternatives, trade policies and trading areas, influence of economic nationalism, international monetary systems and finance, international competitiveness, and problems of less-developed countries. Open to juniors and seniors only. Offered annually.

455 Independent Study Individual study directed toward a specific topic. Prerequisite: consent of department chair. Offered each semester and May Term.

490 Strategy and Policy A capstone course which applies major functional areas and tools to critical current and future issues. Focuses on strategic management and its role in positioning organizations, profit or not-for-profit, to address internal capabilities and external opportunities. Prerequisites: business administration, accounting, international business or risk management major; senior standing; BUS 331, 341, and FIS 303, or consent of department head. Offered each semester.
CHEMISTRY

Roesner, Baur, Brennan, Mohan, Perera, Rettich

The department meets the needs of students majoring in chemistry and allied sciences through rigorous training in the principles and applications of modern chemistry. The department also aims to meet the needs of general education students who wish to learn and appreciate the atomic-molecular conception of matter as a background for understanding the scientific issues of importance to all in the modern world.

The department of chemistry is approved by the American Chemical Society as offering a program of study which will lead to individual certification, upon graduation, by that society. Such a course of study will equip the chemistry major to (1) meet the entrance requirements for further study in chemistry graduate programs or medical or dental schools; or (2) enter governmental or industrial laboratories as a chemist. A major in chemistry can also lead to a wide variety of other occupations ranging from forensic laboratory science to chemical patent law to business management or to teaching. Chemistry majors who seek a secondary teaching license declare a second major in Secondary Education. Additional coursework in the life sciences is required for licensure. Refer to the Educational Studies section in this catalog and the Teacher Education Handbook for further information (http://www.iwu.edu/edstudies/handbooks/).

The department, through the use of grant funds, gifts, and its own funds, is constantly acquiring new instrumentation and expanding its library holdings to ensure a modern program in chemistry. All instrumentation and library materials are available for direct use by the undergraduate student. Recent acquisitions include an FT-NMR, a fluorescence spectrometer, and an atomic absorption spectrometer. Students are encouraged to put their classroom learning into practice by participating in research programs directed by members of the faculty. Other opportunities for learning outside the classroom are provided through internships, externships, summer research, and study abroad. The department hosts guest research seminars featuring prominent scientists from academic, government, and industrial laboratories.

Additional information about the Chemistry Department can be found on our website: http://titan.iwu.edu/~chem/

**Major Sequence:**

The regular chemistry major consists of the following courses:

1) Chemistry 201, 202, 311, 312
2) Chemistry 301, 304, 321, 322, 332, and 380
3) one course unit selected from Chemistry 317, 323, 324, 413, 414, 415, 432, or 470
4) two enrollments in Chemistry 300 and two enrollments in Chemistry 300X

Those students desiring certification by the American Chemical Society must take the following courses:

1) Chemistry 201, 202, 311, 312
2) Chemistry 301, 304, 321, 322, 332, 380, and 317 or 414
3) one unit of Chemistry 499
4) one of the following courses: Chemistry 323, 324, 413, 415, 432 or 470.
5) two enrollments in Chemistry 300 and two enrollments in Chemistry 300X
Courses outside the department that chemistry majors are required to take include:

1) Mathematics 176 and 177 or proficiency
2) Physics 101 and 102 or Physics 105 and 106. Physics 207 is recommended for those who take Physics 105 and 106.

Courses outside the department that majors are expected to take include: Biology 101 and 102 or Biology 107 and 108.

**Chemistry Minor Sequence:**
The chemistry minor consists of the following courses:

1) Chemistry 201, 202, 311, 312
2) one of the following courses: Chemistry 301 or 321
3) and two additional courses selected from: 301, 317, 321, 322, 323, 324, 332, 413, 414, 415, 432, or 470.

**Biochemistry Minor Sequence:**
There are two ways in which one can complete the biochemistry minor. Since courses cannot be double counted for a major and a minor, the two tracks are designed so that either biology or chemistry majors could obtain a biochemistry minor.

Track 1: (Excludes chemistry majors)
1) Chemistry 311 and 312
2) Chemistry/Biology 414 and Chemistry 415
3) one of the following courses: Biology 314, 330, or 412

Track 2: (Excludes biology majors)
1) Biology 101 and 102 or Biology 107 and 108
2) Chemistry/Biology 414 and Chemistry 415
3) one of the following: Biology 314, 330, or 412

Special Notes: Students will not receive credit toward a chemistry major, minor or biochemistry minor for the following courses: 110, 130, 135, and 140.

**110 Basic Chemistry (1.25) (PSL)**  Basic aspects of structural chemistry with emphasis on physiological applications. Offered each fall.

**130 Chemistry of the Environment (1.25) (PSL)**  See Environmental Studies 130. A survey of chemistry principles with an emphasis on the application of these principles to environmental topics such as air and water pollution, global warming, and energy. Laboratory experiments may involve analysis of water from local stream and lakes and the analysis of vegetables for pesticide residue. Can be used toward the Environmental Studies minor. Offered occasionally.

**135 Water Quality (PSL)**  See Environmental Studies 135. A May Term investigation of water quality, with a double focus: (1) laboratory and field environmental work to describe local issues of water quality (drinking water, lakes, and rivers), focusing on the chemical analysis of water; and (2) study of global water quality issues and science, including uses, sources, shortages, and politics. Offered occasionally in May Term.

**140 Chemistry in the Kitchen (PSI)**  An introduction to the basic chemical concepts through an examination of food. The course examines the constitution of raw food-stuffs, and what happens on a molecular level as these substances are combined, cooked and metabolized. Offered occasionally.

**201, 202 General Chemistry (1.25) (201 - PSL)**  Fundamental principles and concepts of chemistry. Prerequisites: 201 for 202. C- or better in 201 or consent of instructor for 202. 201 offered each fall; 202 offered each spring.
300  Chemistry Seminar (Fall .00) (Spring .25)  This course will introduce students to a variety of chemistry research topics and scientific pursuits through attendance at a required number of chemistry colloquia and other science and career related events. Required for declared sophomore, junior, and senior chemistry majors. Zero units in fall and 0.25 units in spring. May be repeated for a total of 1.0 course units. Credit/No Credit grading. Prerequisites: C- in 202 or consent of a chemistry faculty member. Offered each semester.

301  Quantitative Analysis (1.25)  Introduction to modern analytical chemistry with emphasis on ionic equilibria. Prerequisite: 202. Offered each fall.

304  Instrumental Analysis  Principles of the design and use of modern electronic instrumentation in the chemistry laboratory with emphasis on spectral, electroanalytical and chromatographic instrumentation. Prerequisites: 301 and 321 or consent of instructor. Offered each spring.

311, 312  Organic Chemistry (1.25) (311 - PSL)  Fundamentals of aliphatic and aromatic chemistry including mechanisms, syntheses, stereochemistry, and spectroscopy. Prerequisites: 202 (grade of C- or better); 311 (grade of C- or better) for 312. 311 offered each fall; 312 offered each spring.

317  Survey of Biochemistry (Cross-listed with BIOL 317)  An introduction to the fundamental principles of biochemistry and the application of chemical principles to biological problems. Topics include the structure and function of proteins, nucleic acids, carbohydrates, lipids, as well as the major catabolic and biosynthetic pathways. Prerequisite: BIOL 102 and CHEM 312 (grade of C- or better) or the consent of the instructor. Offered each spring.

321  Physical Chemistry I: Thermodynamics (1.25)  Classical thermodynamics and its applications in chemistry. Prerequisites: 202, PHYS 102 or 106; MATH 177; or consent of instructor. Offered each fall.

322  Physical Chemistry II: Kinetics  Kinetic molecular theory, mass transport, experimental and theoretical chemical kinetics. Prerequisites: 202, PHYS 102 or 106, MATH 177. Co-requisites: enrollment in 304 and 380. Or consent of instructor. Offered each spring.

323  Quantum Mechanics (Cross-listed with PHYS 407)  Wave mechanics, the Schroedinger equation, operator formalism, the harmonic oscillator, the hydrogen atom, angular momentum, spin, scattering theory, chemical bonding, electromagnetic interaction. Prerequisite: PHYS 304. Offered in alternate years.

324  Statistical Physics (Cross-listed with PHYS 408)  Introduces central principles underlying thermodynamic properties found in large collections of atoms and molecules (i.e. systems with many degrees of freedom). A core pillar of the major, Statistical Physics is recommended for any student considering graduate school in Physics, and for Chemistry Majors, reinforcing key elements of Physical Chemistry. Prerequisite: PHYS 207 or CHEM 332. Offered in alternate years.

332  Inorganic Chemistry  An introduction to the fundamentals of inorganic chemistry including atomic structure; metallic, ionic, and covalent substances; acids and bases; coordination compounds; and descriptive chemistry of the elements. Students will use electronic structure, modern bonding theories, and models (tangible, virtual, and theoretical) to systematically understand the physical and chemical properties of inorganic substances. Prerequisite: 311 or consent of instructor. Offered each spring.

340  Introduction to Food Biochemistry: Hawaii (1.0) (LSI, US)  This course focuses on the fundamental biology and chemistry of food preparation and metabolism as well as the agricultural production of food processing, and food manufacture. Students will meet with local farmers, molecular biologists, horticulturists, and USDA scientists to examine the science behind modern food production techniques in Hawaii. Prerequisites: Biology 102 or 108 and Chemistry 311. Offered in alternate years, May.
Advanced Inorganic Synthesis and Analysis (1.0) (W) Individualized projects which emphasize techniques of advanced inorganic synthesis and instrumental analysis. Prerequisites: 301 and 321. Co-requisites: 304 and 322. Offered each spring.

Internship in Chemistry Internships in scientific research centers or industrial laboratories. Prerequisites: sophomore status and consent of the department chair. This course does not meet major requirements. Internship offered for 0.5 or 1.0 course units. Offered occasionally.

Advanced Organic Chemistry A detailed examination of selected classical and modern topics within organic chemistry. Topics may include pericyclic reactions, spectroscopic methods of structure determination, physical-organic chemistry, synthetic transformations and strategy, and bio-organic/medicinal chemistry. Prerequisites: C- or better in 312 and 321, or consent of instructor. Offered each spring.

Biochemistry I (1.00)(1.25) (Cross-listed with BIOL 414) The fundamentals of biochemistry, including an exploration of biomolecules and an introduction to experimental techniques. An emphasis is placed on understanding the structure and function of proteins, enzyme kinetics and regulation, nucleic acid chemistry, and bioenergetics. Offered for 1.0 unit without lab or for 1.25 units with optional four-hour laboratory. Prerequisite: CHEM 312 (grade of C- or better) or the consent of the instructor. Offered each fall.

Biochemistry II A continuation of Chemistry 414. Topics include the major catabolic and anabolic pathways, the integration and regulation of these pathways, cell signaling and biochemical genetics. The majority of the readings for this course will come from the current primary literature. Prerequisite: Chemistry 414 or the consent of the instructor. Offered each spring.

Advanced Inorganic Chemistry A detailed examination of advanced topics in inorganic chemistry. Topics will include the quantum atom and electronic states; the application of molecular symmetry and group theory to spectroscopy and X-ray crystallography; the mechanisms of inorganic reactions; bioinorganic chemistry; and catalysis. Prerequisites: 301 and 321 and 332 or consent of the instructor. Offered each fall.

Special Topics in Chemistry Designed to offer topics not normally covered by the chemistry curriculum. May be used to meet major requirements. May be repeated for credit if subject matter is different. Prerequisite: 322 or consent of instructor. Offered occasionally.

Directed Study Individualized directed readings on a topic of interest to the student which is not normally a part of the curriculum. The work may include a laboratory component. It may also include the requirement for the preparation of a significant paper which brings together the results of the study. Offered for 0.5 or 1.0 course unit. Prerequisite: consent of instructor. Offered each semester.

Research/Thesis (W) Directed or independent study of a specialized topic which may include laboratory research. May be repeated for a maximum of two course units. Offered for 0.5 or 1.0 course units. Prerequisites: junior standing, four previous course units in chemistry, and consent of instructor. Offered each semester.

CLASSICAL STUDIES

See Greek and Roman Studies

COGNITIVE SCIENCE

Tiede, Director

Cognitive Science is the multidisciplinary study of cognition and its role in intelligent agency. It examines what cognition is, what it does, and how it works.
One of the most exciting intellectual developments in recent years, Cognitive Science draws from research in psychology, computer science, philosophy, linguistics, and the neurosciences to examine the nature of perception, thought, memory, language, learning and other mental phenomena in humans, other animals and machines.

103 Introduction to General Linguistics (Cross-listed with ML 103) General Linguistics studies the structural patterns, meaning, usage in society, historical development, and biological foundation of human language. The core coursework will examine phonetics and phonology, morphology and syntax, and semantics. Readings may also cover language acquisition, social and geographic variation, pragmatics, neurolinguistics. Examples will be drawn from world languages, including English. No prerequisite. Offered as needed.

200 Introduction to Cognitive Science (LSI, W) An introduction to the methods and central concepts in the scientific study of intelligent thought and behavior in humans, other animals and machines. Cognitive science is an exciting and rapidly developing multidisciplinary field that applies approaches from philosophy, computer science, psychology, neuroscience, and linguistics to problems about perception, representation, recognition, learning and language. Offered as needed.

380 Independent Study in Cognitive Science Offered each term.

480 Research/Thesis Opportunity to pursue directed or independent study of a specialized topic. Work is expected to culminate in a committee-reviewed paper. Prerequisite: COG 200 and five courses approved for the Cognitive Science minor. Requires permission of program director and faculty research advisor. Offered each term.

COMPUTER SCIENCE

Tiede, Liffiton

Computer science is the study of what computers can and cannot do. Central to that study is the concept of the algorithm, a set of directions for solving a problem or accomplishing a task. Computer science studies algorithms in terms of their implementation in hardware and software, their analysis, and their applications. The curriculum in computer science provides students with an understanding of the fundamental principles of computing and of the capabilities, limitations, and applications of algorithmic problem solving. It provides students with the central skills of the discipline: fluency in multiple approaches to programming and problem solving, the ability to use levels of abstraction to manage complexity, and preparation to adapt to technological changes in the field. It provides students with the ability to convey technical information in written and oral communication to all audiences, experts and non-experts alike.

Major Sequence in Computer Science:
A computer science major consists of:
1) CS 126 or CS 127
2) CS 128, CS 253, CS 256, CS 354, CS 355, and CS 357
3) three additional upper-level courses in computer science

Additional courses for the major:
1) Math 135 and 136

Minor Sequence in Computer Science:
A computer science minor consists of:
1) CS 126 or 127
2) CS 128
3) three additional courses, two at the 300-level or above in computer science
4) Math 135 or 136

Only one of the courses CS 126 and CS 127 will count towards the major or minor in computer science. Students may not take CS 126 after successfully completing CS 127. CS 498 does not count toward completion of the major or minor degree requirements in computer science. CS 499 does not count for the minor degree requirement.

111 Physical Computing
Physical computing involves creating and using programmable objects that interact with the physical world and the people around them. In this class, we will approach computing from this perspective, learning about the fundamentals of programming and electronics as we create. No programming or electronics experience is necessary. This course does not count towards the computer science major or minor. Offered in alternate years.

126 Introduction to Computer Science Using the Web (FR)
Introduction to object based programming using JavaScript to create dynamic web pages. Includes a brief introduction to HTML and CSS, with emphasis on the division of structure and presentation. Topics: internet architecture and history, selection, iteration, functions, operators, objects, methods, properties, arrays, strings, event handlers, and form processing. No prerequisites. Offered each term.

127 Computer Science I (FR)
Introduction to computer science as a field of study and object-oriented programming as a core component thereof. Focuses primarily on programming concepts and techniques; variables, data types, loops, conditionals, functions, objects, classes, testing and program design. Also covers UNIX fundamentals and other practical aspects of programming. No prerequisites. Offered each term.

128 Computer Science II
Introduction to data structures and algorithmic problem solving. Encapsulation and information hiding, recursion, algorithm techniques and time complexity. Advanced object oriented programming with inheritance, static and dynamic memory allocation. Linked lists, stacks, queues, and sequential and binary search. Prerequisite: CS 127 or 126. Offered each term.

135 Applications of Sets, Logic, and Recursion (FR) (Cross-listed as MATH 135)
Introduction to functional programming and discrete mathematics. Sets, functions, and relations. Basic logic, including formal derivations in propositional and predicate logic. Recursion and mathematical induction. Programming material: Data types and structures, list-processing, functional and recursive programming. No prerequisite. Offered each spring.

136 Computational Discrete Mathematics (Cross-listed as MATH 136)

222 Ethics, Values and Issues in Cybertechnology (AV, W)
An overview of the ethical issues which shape modern technology, including such topics as free expression and content control, intellectual property, privacy and information access, crime and security, and concepts, methodology, and codes of cyberethics. Theory and actual cases will be analyzed in readings, discussion, and written work. Will not count toward the major or minor. No prerequisites. Offered in alternate years.

253 Software Development (W)
Explores the application of computer science through the software development process. Focuses on software engineering and the
production of complete programs, from planning and user interface design through coding, testing, development, and maintenance. Additionally, the course covers several aspects of technical writing, encompassing documentation, specifications, and communication with clients. Prerequisite: CS 128. Offered each fall.

256  Computer Organization and Architecture  Introduction to computer organization and system architecture. Topics: Boolean algebra, combinational and sequential logic design, fundamental structure of major computer hardware systems (CPU/ALU, memory, cache, registers, I/O), instruction sets, computer arithmetic, pipelining, and memory hierarchy. A two-hour weekly hardware lab is required. Prerequisites: CS 128. Offered each spring.

314  Database Systems  Introduction to the relational and semi-structured database models. Theoretical concepts include relational algebra and calculus, logical and physical database design, normalization, database security and integrity, data definition and data manipulation languages. Programming topics: database creation, modification, and querying using XQuery, MySQL and PHP. Prerequisite: CS 128 and MATH 134. Offered in alternate years.

330  Computer Networking  Introduction to computer networking, from single, physical links to the structure of the global internet. Focuses on the internet and related technologies, its nuts and bolts, and the principles that govern how and why it works. Several advanced topics are covered, often drawn from the rapidly advancing forefront of network applications. Prerequisite: CS 128 and CS/MATH 136. Offered in alternate years.

354  Algorithm Design and Analysis  Explores efficient programming through the study of algorithms and data structures. Algorithm complexity analysis. Common patterns and trade-offs; e.g., recursion, divide and conquer, greedy algorithms, parallelization, etc. Advanced data structures and abstract data models; e.g., linked structures, array-based structures, hash tables, trees, graphs, sets, etc. Prerequisites: CS 128 and CS/MATH 136. Offered every year.

355  Programming Languages  Comparative analysis of programming languages. Taxonomy and history of programming languages, parsing, garbage collection/resource management. Type systems, semantics, and advanced object oriented and functional programming. Prerequisite: CS 128 and CS/MATH 135. Offered every year.


360  Topics in Logic (Cross-listed as PHIL 360)  Investigation of topics in formal logic. Covers soundness, completeness, and undecidability of classical predicate logic. Additional topics might include incompleteness, non-classical logics (e.g., modal, intuitionistic, many valued), computer implementations, and logic programming. Students will complete a final project relative to the rubric (Computer Science, Mathematics, Philosophy) chosen at registration. Prerequisite: CS 128 and CS/MATH 135. Offered as needed.

370  Special Topics  In-depth examination of selected areas within computer science not currently offered in the curriculum. May be repeated for credit if course content is not duplicated. Prerequisite: CS 128 and either CS/MATH 135 or CS/MATH 136. Offered as needed.

397  Internship  This non-credit course is offered by arrangement with the department head. Application must be made at the beginning of the semester prior to the internship. Prerequisites: CS 128. Offered each term.
440 Compiler Construction Study of the techniques for translating high-level programming languages into executable machine code or byte code: lexical analysis, syntactic analysis, contextual analysis, and code generation. Comparison between compilation and interpretation as approaches to programming language implementation. Optional topics include: garbage collection, polymorphic type checking, optimization, implementation of virtual machines. Prerequisites: CS 253 and 355. Offered as needed.

456 Operating Systems Introduction to fundamental issues and techniques of operating system design. Topics: processes and threads, process scheduling, deadlock, memory management, I/O systems, file management. Optional topics: multimedia and distributed operating systems, security, and parallel operating systems. Prerequisites: CS 253 and 256. Offered in alternate years.

498 Directed Study Individual directed readings on a topic of interest to the student. This course is a preparation for CS 499 (Research/Thesis), which culminates in a committee-reviewed manuscript. The course requires a significant review of the literature. This course does not count toward the computer science major or minor. Open only to CS majors with a cumulative GPA of 3.00 or higher in CS. Prerequisites: Two upper-level courses in CS. Requires permission of department chair and faculty research advisor. Offered each term.

499 Research/Thesis Opportunity to pursue directed or independent study of a specialized topic. Work is expected to culminate in a committee-reviewed manuscript. Students enrolled in this course must present their paper at a student research conference, a professional meeting, or it must be accepted for publication in a committee-approved journal. This course does not count toward the computer science minor. Open only to CS majors with a cumulative GPA of 3.00 or higher in CS. Please see university-wide regulations if seeking research honors. Prerequisites: CS 498 and three upper-level courses in CS. Requires permission of department chair and thesis advisor. Offered each term.

DEVELOPMENTAL STUDIES

For information about the major or minor in International Studies with a concentration in Developmental Studies, please see International Studies on page 202.

DIPLOMATIC STUDIES

For information about the major or minor in International Studies with a concentration in Diplomatic Studies, please see International Studies on page 202.

ECONOMICS

Ossella-Durbal, Ghosh, Leekley, Mendez-Carbajo, Seeborg

The overarching goal of the economics program is to develop analytical thinking skills that are of value to any student preparing for a career and responsible citizenship, regardless of major. The economics major provides students with training for diverse careers, in business, finance, government, and social services. Majors also pursue graduate study in economics, business, law, and other specialized fields.

The Department of Economics offers an intellectually challenging major program which addresses socially relevant issues and gives students many
opportunities to apply what they learn. Topics covered in elective courses range from international trade and finance to the environment. All economics majors complete an original research project in the capstone Senior Project course and many choose to participate in independent study under the supervision of a professor. Many economics students also complete internships. In addition, students have the opportunity to participate in activities of the student-led Economics Society, the publication of a unique undergraduate economics journal, *The Park Place Economist*, and the publication of an online journal, *The Undergraduate Economic Review*.

For additional information, see the department web page at: http://www.iwu.edu/economics/index.html

**Major Sequence:**
A minimum of 10 courses to include:
1) Economics 100, 227, 301, 302, and 401.
2) Five additional Economics courses, at least four at the 300 level or above.

Majors are also required to take the calculus course Mathematics 176, or show equivalent proficiency.

The department also offers students the option to complete one of three concentrations in the economics major: financial economics, international economics, or public economics. Each concentration requires the completion of five core courses: Economics 100, 227, 301, 302, and 401, and five electives in the discipline as follows:

**Financial Economics Concentration:**
1) Three courses from Economics 311, 321, 338, or 352.
2) Two additional economics courses, at least one at the 300 level or above.

**International Economics Concentration:**
1) Economics 351, 352, and 355.
2) Two additional economics courses, at least one at the 300 level or above.

**Public Economics Concentration:**
1) Economics 314, 324, and 340.
2) Two additional economics courses, at least one at the 300 level or above.

**Minor Sequence:**
A minimum of six courses to include:
1) Economics 100, 301, 302.
2) Three additional economics courses, at least two at the 300 level or above.

Economics 227 does not count towards the minor.

The department also offers students the opportunity to complete one of three other economics minors: financial economics, international economics, or public economics. Each minor requires the completion of three core courses: Economics 100, 301, and 302, and three electives in the discipline as follows:

**Financial Economics Minor:**
Three courses from Economics 311, 321, 338, or 352.

**International Economics Minor**
Economics 351, 352, and 355.

**Public Economics Minor:**
Economics 314, 324, and 340.
All courses in the major and minor sequences should be taken at Illinois Wesleyan University. Any exceptions are subject to the approval of the Department of Economics.

**Credit by Examination**

Credit towards ECON 100, Introduction to Economics, or ECON 151, Introduction to International Economics is granted for either:

a) Advanced Placement (AP) examinations with scores of 4 or 5 on both the Microeconomics and Macroeconomics tests

or

b) International Baccalaureate (IB) examinations with scores of 6 or 7 on the Economics Higher Level (HL) test.

Students in the major can show the required calculus proficiency through either:

a) Advanced Placement (AP) examinations with scores of 4 or 5 on either the Calculus AB test or Calculus BC test

or

b) International Baccalaureate (IB) examinations with scores of 6 or 7 on the Mathematics Higher Level (HL) test.

**100 Introduction to Economics (CSI)** Survey of microeconomic and macroeconomic principles. Includes analysis of individual and public sector behavior in product and resource markets and surveys applied areas. Also explores the performance of the entire economy with an emphasis on economic growth, employment and inflation. *Offered each semester.*

**151 Introduction to International Economics (G)** An introductory-level course covering both the micro and macro components of international economics. Topics include: international trade theory and policy; international finance topics such as balance-of-payments, foreign exchange markets, economy policy-making in open economies, international financial crises, and the economics of integration. This course does not count towards the major or minor in Economics.

**227 Statistics for Business and Economics** An introduction to the use of statistics. Topics include summary statistics, introductory probability, estimation, hypothesis testing, regression, and time series analysis. Students may not receive credit toward graduation for both this course (required for the major) and Sociology 227 or Psychology 227. *Offered each semester.*

**230 Seminar on Applied Research in Labor Economics** A practical introduction to the process of doing empirical research in labor economics. Seminar participants select a research topic, review related literature, develop an empirical model, and test hypotheses. The end result of the guided research project is an original research paper that is presented to seminar participants. Prerequisites: 100 and 227. *Offered occasionally in May Term.*

**240 Game Theory Goes to the Movies** Game theory is the science of strategic thinking. Through films, readings and discussion students are introduced to basic tools which will help them develop an understanding of the decisions made by individuals in interactive situations. Topics addressed include sequential rationality, the prisoner’s dilemma, credible commitment, brinkmanship, bargaining, and voting. Prerequisite: 100. *Offered occasionally in May Term.*

**270 Special Topics** Specialized applications of economic theory. May be taken for credit more than once if the topics differ. Prerequisite: 100. *Offered occasionally.*

**301 Intermediate Microeconomics** Neoclassical analysis of the behavior of households and firms, the determination of prices, and the allocation of resources in a market
economy. Prerequisite: 100. Offered each semester.

302 Intermediate Macroeconomics  Analysis of the overall performance of an economy with emphasis on the effects of monetary and fiscal policy. Topics include unemployment, inflation, long-run economic growth, and business cycle stabilization. Prerequisite: 100. Offered each semester.

311 Money and Banking  Analysis of the pricing of bonds and financial derivatives, banking theory and operation, monetary theory, and the role of banks in the economy at the national and international level. Includes the study of public policy related to bank activity and to economic stability. Prerequisite: 100. Offered each fall.

314 Industrial Organization and Public Policy  Study of markets dominated by a few large firms. Examines firms’ strategic behavior and market performance related to pricing, profitability, advertising, innovation, and predatory conduct. Prerequisite: 100.

321 Applied Financial Economics  Financial Economics studies the transfer of resources across time and the transfer of risk among individuals and organizations. The economic principles underlying the value of basic financial instruments are studied through an applied analysis of financial data. Topics include the pricing of stocks and bonds, foreign currency, as well as derivative securities. Prerequisite: 100. Offered each spring.

324 Public Finance (CSI)  The application of microeconomics to government budget policy. A variety of government spending and tax policies are analyzed for their impacts on individuals and society, and evaluated for their fairness and efficiency. Prerequisite: 100.

325 History of Economic Thought  Study of the development of main-stream and dissident economic thought from 17th century Mercantilism through Keynes. Prerequisite: 100. Offered occasionally.

328 Applied Econometrics (W)  Methods for quantitative research in economics. Topics include the formulation of an empirical model; estimation and hypothesis testing; and violations of the classical regression model. Prerequisites: 100 and 227. Previous 300-level coursework in economics recommended. Offered each spring.

329 Labor Economics  A study of economic aspects of labor markets. Topics include labor demand and supply, investments in education and training, labor market discrimination, unemployment, and labor unions. Prerequisite: 100.

338 Time Series Analysis (W)  Methods for quantitative research in economics. Topics include data compilation and management; stochastic processes; stationarity; trends and de-trending; testing for unit roots; least squares estimation of time series models; and basic estimation of cointegrated vectors. Prerequisites: 100 and 227. Offered each spring.

340 Environmental and Natural Resource Economics  The application of microeconomics to issues of the environment and natural resource use. Economic institutions are examined for their effects on the use of renewable and non-renewable resources. The economic causes of pollution and the available policy responses are explored. Prerequisite: 100. Offered occasionally.

351 International Trade  The economic factors that induce countries to engage in international trade are examined, along with the various challenges facing the international trading system. Gains from trade, comparative advantage, international factor movements, and trade policy are among the principal topics addressed. International Trade and International Finance are the core courses in international economics. They can be taken in either order. Prerequisite: 100 or 151.

352 International Finance  Examines exchange rate mechanisms, international financial markets, balance of payments accounts, and open economy macroeconomics.
Current challenges facing the international financial system are explored and policy options considered. International Trade and International Finance are the core courses in international economics. They can be taken in either order. Prerequisite: 100 or 151. 

Offered each spring.

355  Economics of Developing Countries (G)  An introduction to economic analysis for developing countries. Topics include: poverty and inequality, what the process of “development” entails, growth models, the role of the agricultural sector, and industrial strategies. In addition, a study of the present economic situation of a developing country will be required. Prerequisite: 100.

370  Special Topics  Specialized applications of economic theory. May be taken for credit more than once if the topics differ. Prerequisite: 100. Offered occasionally.

401  Senior Project (W)  A capstone seminar designed for senior economics majors. Requires completion of research on a topic chosen by the student with the consent of the instructor. The course gives students the opportunity to draw on tools developed in the economics program to produce a research paper, and present the results to seminar participants. Prerequisite: senior economics major, or consent. Offered each fall.

410  Mathematical Economics  The application of mathematical tools to economic theory. Topics include optimization of multivariate functions and comparative static analysis applied to consumer and firm behavior. Prerequisites: 301 and one semester of calculus. Offered occasionally.

450  Independent Study  Advanced individualized study. Prerequisite: consent of the instructor. Offered as needed.

490  Advanced Research Seminar  Advanced research methods. Participants complete quality undergraduate research projects under the supervision of the seminar instructor and their faculty committees, and share their work both with each other and with a broader audience. Prerequisites: senior class standing, major or minor in economics, and acceptance into the University’s Research Honors Program or consent of the department chair. Offered each spring.

EDUCATIONAL STUDIES

Epstein, Crider, Evans, Gray, Leavitt, Nillas, and Wilson

The Educational Studies department offers coursework qualifying students for teacher licensure as well as a non-credential degree in interdisciplinary studies in education that allows students to pursue education related careers outside of the formal school setting. Both courses of study are grounded in the liberal arts and social justice mission of the University. Studies in the liberal arts, sciences, and humanities bring historical, philosophical, social, and cultural context to the educative endeavor. The teacher’s challenge requires the same spirit of inquiry, creativity of thought, skillful communication, and strength of character that is expressed in the University mission. As we educate future teachers, we aim to enable them to think critically and creatively about the processes and prospects of education, the place of education and the role of the teacher in a diverse and democratic society. In particular, our mission is to educate teacher-scholars committed to social justice in their classrooms and schools so that the democratic ideals of equity and opportunity are realized for all students. Thus, we strive to graduate teacher-scholars for social justice who understand, appreciate, and are responsive to students from diverse backgrounds, and who have the knowledge, skills and dispositions to foster learning among all children regardless of race, class, culture, language,
gender and/or ability. We hold to a vision of teachers committed to making a meaningful difference in the lives of all students, teachers who will inspire among their students a passion for learning and acting in the world, and insodoing, who will transform the educational landscape. This is our vision of the teacher-scholar committed to social justice. For the complete mission statement, go to the Educational Studies website.

Teacher Licensure Program

Teacher Licensure is governed by the requirements of the State of Illinois. All candidates must pass three state exams and meet the knowledge and performance standards outlined for all Illinois teachers. State requirements are subject to ongoing changes. For more detailed information, refer to the Teacher Education Handbook online at http://www.iwu.edu/edstudies/handbooks/.

Illinois Wesleyan University is accredited by the Illinois State Board of Education (ISBE) for the undergraduate preparation of teachers in the following licensure programs:

- Elementary Education (grades 1-6).
- Secondary Education (grades 9-12) in Mathematics, Science (Biology, Chemistry, Physics), Social Science (History), and English Language Arts.
- K-12 Education in Foreign Language (French and Spanish), and Music.

Professional education coursework includes educational foundations, child study, pedagogy and curriculum, and teacher research. Emphasis on scholarship and social justice is infused throughout the curriculum. All teacher education courses require field experiences in area schools. Field experiences are planned to provide a gradual, sequential, and coherent introduction to the full range of teaching responsibilities, and are supervised by University faculty and school personnel. Student teaching placements are within the community and surrounding areas.

Admission to the Teacher Education Program

Students pursuing teacher licensure should indicate their interest to the Registrar and the Assistant Director for Teacher Licensure as early as possible in order to ensure adequate advising. Formal application for admission to the teacher education program takes place in the sophomore year upon completion of the two introductory level classes (225 and 255). All requirements are outlined in the Teacher Education Handbook available on the Educational Studies website: http://www.iwu.edu/edstudies. Students must be accepted to the Teacher Education Program to enroll in 300/400 level coursework.

Major Sequence in Elementary Education (13.5 units):

Elementary Education students declare a major in Elementary Education.

1. Education 225: Education and Social Justice (CSI)
2. Education 255: Child Study and Assessment (W)
3. Education 257: The Exceptional Child (U)
4. Education 301: Social Studies Inquiry and Democratic Learning Environments
5. Education 303: Integrating Fine Arts Across the Curriculum
6. Education 305: Curriculum and Pedagogy across the Natural Sciences
7. Education 320: Foundations of Literacy: Reading, Writing, and Oral
Communication (1.5 units)
8. Education 325: Curriculum, Pedagogy and Technology in K-8 Mathematics
9. Education 490: Student Teaching Seminar
10. Education 496: Student Teaching: Elementary (3 units)
11. Education 498: Educational Inquiry (W)

Teacher licensure also requires a four unit content area emphasis in one of the following disciplines; at least one unit must be upper level: English, Reading; health; mathematics; life, physical or earth sciences; sociology, anthropology, history, or political science; or visual and performing arts. Note specific course requirements for reading and mathematics below.

Reading: EDUC 272, 322, 323, and 497-2.
Mathematics: MATH 106 and three additional courses in Calculus, Algebra, Number theory, Geometry, or Probability and Statistics, in consultation with your Educational Studies advisor.

The Illinois State Board of Education (ISBE) mandates the following coursework (but not credit hours) for elementary education licensure candidates:

- Coursework that addresses at least four areas of the social sciences: history, international studies, political science, sociology, anthropology, and/or economics. Content addressing Illinois, the United States, and the world must be addressed in your course selection.
- Coursework that addresses at least three areas of the natural sciences: physical, life, earth, and space. Environmental Studies may meet one of these requirements pending Educational Studies faculty approval. Psychology does NOT meet this requirement.

AP and transfer courses may count toward the above requirement with Educational Studies advisor approval.

Major Sequence in Secondary Education (10 units):
1. Education 225: Education and Social Justice (CSI)
2. Education 255: Child Study and Assessment (W)
3. Education 257: The Exceptional Child (U)
4. Education 360, 361, 362, or 363: Curriculum and Pedagogy.
5. Education 365: Reading, Writing, and Communication in the Content Areas
7. Education 491, 492, 493, 494, or 495 (3 units): Student Teaching.
8. Education 498: Educational Inquiry (W)

Middle School Endorsement
Students interested in teaching at the middle school level should consult with the Director of Teacher Education to examine their options, as new state rules have been put into effect that have redesigned the required middle school endorsement. See the Teacher Education Handbook at http://www.iwu.edu/edstudies/handbooks.

Interdisciplinary Major and Minor in Educational Studies
The Interdisciplinary Educational Studies major or minor prepares students to work with children and families in a variety of settings and occupations. Students can apply coursework in Educational Studies to professional work in
government, private industry, adult education, correctional institutional, and/or related school services such as recreation, after-school care, nursing, social work or social policy. The Educational Studies curriculum also prepares students for graduate and professional school in social policy, school counseling, or law.

**Interdisciplinary Educational Studies Major Course requirements (10 units)**

1. Education 225
2. Education 255
3. Two electives in Educational Studies (pending concentration). Requires advisor approval.
4. Education 497
5. Education 498 (before, after, or concurrent with 497)

**And four courses (at least one upper level) to be selected from one interdisciplinary concentration.**

**Interdisciplinary Minor Course requirements (6 units)**

1. Education 225
2. Education 255
3. One elective in Educational Studies (pending concentration). Requires advisor approval.
4. Education 498 or 497

**And two courses (at least one upper level) to be selected from one interdisciplinary concentration.**

**Interdisciplinary Concentration Areas**

Substitutions are permissible with approval of advisor.

   Students may substitute a 300 level course in specific area studies with approval
   Students may substitute a 300/400 level course in specific area studies with approval
   Students may substitute a 300/400 level course in specific area studies with approval
5. Education and Gender Studies ANTH 252; HIST 350; PHIL 230; PSCI 220; PSYC 333; SOC 222, 354; WGS 101, 270/370*
   Students may substitute a 300 level course in specific areas with approval

**Educational Studies Courses**

225  *Education and Social Justice (CSI)*  Critical examination of the social, cultural, political and economic forces that influence school policies and practices. Analysis of the challenges and opportunities teachers confront as they respond to the needs of all students and the lived experience of their social class, gender, race, ethnicity, linguistic difference, ability, and/or sexual orientation. Required field experience and fingerprint background
check. Prerequisites: None. Offered each semester.

250/350/450  Independent Study  An opportunity for students to deepen their concepts of educational topics and issues not offered through regular courses, primarily through intensive library research. Arranged to meet individual needs. May be repeated if project is different. Prerequisite: Consent of supervising faculty member. Offered as needed.


257  The Exceptional Child (U)  The characteristics and assessment of, and methods of instruction for, students with disabilities, and the gifted, within a range of cross-categorical placements. Inclusion, individualized education plans, and universal design. The historical and legal evolution of special education, the rights of families, and the responsibilities of teachers. The lived experience of students defined as disabled and the social construction of disability. Working with and establishing partnerships with professionals and parents of children with exceptionalities. Field trips or field placement in inclusive or special education classrooms. Prerequisites: EDUC 255 or MUS 132. Offered each semester.

260  Middle School Philosophy  Required course for middle grades endorsement for classes of 2015 and 2016. The cognitive and psychosocial issues of early adolescence, and their implications for grades 5-8 organization, curriculum, professional collaboration, and family engagement. Required field experience. Prerequisites: 225 & 255. Concurrent enrollment in 255 is prohibited. Concurrent enrollment in 300 level curriculum courses with permission of department chair. May be taken before or after student teaching. Offered occasionally.

270/370/470  Special Topics in Educational Studies  Focused exploration of varied topics relevant to Educational Studies. Courses have included Children and Families with Special Needs, School and Community, Images of Children and Film, and Globalization and Youth Advocacy. Topics will vary each year. Course may be repeated if content is not duplicated. See current Program of Classes to determine if this course fulfills general education requirements. May count toward interdisciplinary major and minor. Offered annually.

271  Teaching and Learning with Technology K-12  Educational technologies and their applications in K-12 classrooms, including instruction, assessment, and research. Attention to technological skills, trends, and curricular pedagogical and ethical issues involved in the use of technology in schools. Prerequisite: 225 or permission of instructor. May be taken concurrently with other Educational Studies courses. Offered annually.

272  Child and Adolescent Literature (LIT)  Exploration of child and adolescent literature through analyses of themes, characters, and narratives. Emphasis on multicultural and social justice perspectives and the uses of literature to illuminate and inform human experiences. Counts toward the child and family studies concentration in the Educational Studies interdisciplinary major and toward the reading endorsement for licensure candidates. Prerequisite: 255 or permission of the instructor. Offered in alternate years, May Term.

276  Environmental Education for Youth (Cross-listed with ENST 276)  Environmental education (EE) is at the heart of efforts to cultivate an appreciation of the natural world, raise environmental consciousness, and solve environmental problems. Future teachers, environmental advocates, and other community and youth leaders will consider the philosophies, theories, and history of EE and their implications for environmental education with youth in formal and informal settings. Local field trips to nature centers and other area sites. No prerequisites. Offered occasionally.
301 Social Studies Inquiry and Democratic Learning Environments  Inquiry-based approach to integrated social studies curriculum and pedagogy. Emphasis on creating socially just, culturally and linguistically responsive, democratic, and inclusive classroom communities and curriculum. Introduction to interdisciplinary, differentiated instructional planning and delivery aligned with Common Core/Illinois learning standards. Prerequisites: 255 and acceptance to the TEP. Offered each spring.

303 Integrating Fine Arts Across the Curriculum  Concepts, materials, and pedagogies in the visual and performing arts (music, theatre, and dance) throughout the elementary and middle school curriculum. Integrating fine arts across content areas to promote communication, inquiry, and engagement for developmentally and culturally diverse learners. Required field experience. Prerequisites: 225, 257, and acceptance to the TEP. Offered each spring.

305 Curriculum and Pedagogy across the Natural Sciences  Instructional strategies for promoting and assessing scientific inquiry, thinking and reasoning, and literacy with elementary and middle school students. Attention to fundamental concepts and skills across life, physical, environmental, earth and space sciences. The integration of science learning across the curriculum and both local and global applications of scientific knowledge and skills. Required field experience. Prerequisites: 225, 257 and acceptance to the Teacher Education Program. Offered each spring.

320 Foundations of Literacy: Reading, Writing and Oral Communication (1.5)  Theory and practice addressing language, literacy, and reading instruction in the K-8 classroom. Research-based instructional approaches for content literacy, alphabetic code, and language. Includes examination of materials, technologies, and assessments and their applications in a supportive literacy environment. Emphasis on interdisciplinary instruction and creating socially just curricula. Meets reading endorsement requirements for licensure candidates. Concurrent field placement. Prerequisites: Acceptance to the TEP. Offered each fall.

322 Advanced Assessment and Diagnosis of Reading  In-depth treatment of assessment and diagnosis of reading disabilities grades K-12. Uses and limitations of standardization, authentic, formal, and informal assessment measures and strategies. Emphasis on nondiscriminatory assessment which takes into consideration the impact of disabilities, communication, culture, and primary language. The interpretation of assessment information for diagnosing individual students’ reading. Communicating diagnostic information to students and their parents. Course counts towards the reading endorsement for licensure candidates. Prerequisite: 320 or permission of instructor. Offered each spring.

323 Advanced Interventions for Struggling Readers  Remedial reading instruction, support, materials, and resources for K-12 students with reading disabilities. Development of individual educational plans (IEP) or response to intervention (RtI) plans, and the design, implementation, and evaluation of reading programs for small groups and individual students. Strategies for multisensory instruction are emphasized. Course counts towards the reading endorsement for licensure candidates. Prerequisite: 322. Offered each May term.

325 Curriculum, Pedagogy, and Technology in K-8 Mathematics  Constructivist approaches to the teaching and learning of mathematics in grades K-8 with emphases on educational technologies, problem solving, reasoning and proof, representation, communication, and interdisciplinary connections. Curricular planning, assessment, and research addressing the needs of all students to promote social justice. Concurrent field experience. Prerequisites: C grades in MATH 105 and 106 or equivalent, and acceptance to the TEP. Refer to the TEP Handbook and consult with instructor for prerequisite college algebra equivalents. May be taken concurrently with 351. Offered each fall.
351 Middle School Mathematics  Curriculum and pedagogy in mathematics specific to middle grades 5-8. In-depth attention to grades 5-8 mathematics content, mathematical reasoning and problem solving and learning goals from a constructivist perspective. Required of elementary and secondary teacher education candidates seeking an endorsement to teach mathematics at the middle school level. Required field experience. Prerequisites: 225 and 255, and MATH 106, 161, or 165. Offered occasionally.

360 Curriculum and Pedagogy in English and Foreign Language  Curriculum development, pedagogical theory and practice in middle and high schools specific to literature, culture, and written and oral communication in English and foreign languages. Curriculum planning, instructional strategies, assessment, and creating positive learning environments responsive to the individual needs and abilities of all students. Required field experience (50 hours minimum). Prerequisites: Acceptance into the Teacher Education Program and four courses in the major. Taken semester prior to student teaching. Offered each spring.

361 Curriculum and Pedagogy in Social Science  Curriculum development, pedagogical theory and practice in middle and high schools specific to social science with an emphasis on history, including teaching with primary sources. Curriculum planning, instructional strategies, assessment, and creating positive learning environments responsive to the individual needs and abilities of all students. Required field experience (50 hours minimum). Prerequisites: Acceptance into the Teacher Education Program and four courses in the major. Taken semester prior to student teaching. Offered each spring.

362 Curriculum and Pedagogy in grades 6-12 Mathematics  Curriculum development and pedagogical theory and practice in middle and high schools specific to mathematics, emphasizing mathematical reasoning and problem solving, multiple representations, and technology integration from a constructivist perspective. Curriculum planning, implementation, assessment, and creating positive learning environments responsive to the individual needs and abilities of all students. Required field experience (50 hours minimum). Prerequisites: Acceptance into the Teacher Education Program and four courses in the major. Taken semester prior to student teaching. Offered each spring.

363 Curriculum and Pedagogy in the Natural Sciences  Curriculum development and pedagogical theory and practice in middle and high schools in the natural sciences, with specific attention to biology, chemistry, and physics. Specific attention to scientific inquiry and reasoning, laboratory experiences and relevant technologies. Curriculum planning, implementation, assessment, and creating positive learning environments responsive to the individual needs and abilities of all students. Required field experience (50 hours minimum). Prerequisites: Acceptance into the Teacher Education Program and four courses in the major. Taken semester prior to student teaching. Offered each spring.

365 Reading, Writing and Communication in the Content Areas  Examination of the relationships among reading, writing, and oral communication and integrating each within content learning across the disciplines. The nature of reading; assessment of students’ reading, writing and oral communication skills; the design of instructional approaches and best practices for developing academic vocabulary, comprehensive, and content knowledge based on research; and the selection of materials and texts to support content area literacy among diverse groups of K-12 students. Prerequisites: EDUC 360, 361, 362, or 363 OR MUS 232, 333A and 333B. Offered every May Term.

372 English Language Learners  Investigation of the needs and challenges faced by English language learners. Emphasis on understanding students from different cultures, theories of second language acquisition, ways to support English language development, teaching academic content, and effectively engaging families of English Language Learners in the education process. Field placement in a bilingual school setting or in an adult E.S.L. class. Prerequisites: 225 and 255 or consent of instructor. Offered in alternate years, fall.
Throughout the world, education has been viewed as an important means of improving people’s lives. This assumption is examined and critiqued by analyzing educational policies and practices in Asia, Latin America, and Africa. Specific topics include the educational treatment of girls, indigenous peoples, street children, child refugees, and child laborers. Also examined are the efforts to teach reformed child soldiers and children who are, or whose parents are HIV positive. 

Offered alternate years.

Travel Seminar
Travel with a faculty member and fellow students. Includes independent projects, daily journal, and field trips to schools, cultural centers, museums, and/or other sites of interest. May be repeated if itinerary is different. Prerequisite: Consent of instructor. Offered occasionally.

Internship
Directed research and individually designed field experience in an educational, community, or social service setting. Prerequisites: Junior/senior standing and education advisor approval. Offered as needed.

Student Teaching Seminar
Creating socially just, democratic, culturally responsive and inclusive classroom communities. Parent-teacher relationships and professional collaboration. Self-study of teaching. Teacher Performance Assessment. Summer reading required prior to the start of the term. Prerequisites: acceptance to Student Teaching. Concurrent enrollment with student teaching (491, 492, 493, 494, 495). Offered each fall.

Student Teaching: Secondary English Language Arts
Full time immersion and induction into the range of experiences associated with public school teaching at all levels of high school English, under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

Student Teaching: Secondary Social Science
Full time immersion and induction into the range of experiences associated with public school teaching of high school core social science and designated history classes, under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

Student Teaching: Foreign Language
Full time immersion and induction into the range of experiences associated with public school teaching at all levels of the high school foreign language classroom, under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

Student Teaching: Secondary Mathematics
Full time immersion and induction into the range of experiences associated with public school teaching at all levels of the high school mathematics classroom, under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

Student Teaching: Secondary Science
Full time immersion and induction into the range of experiences associated with public school teaching of core science and designated sciences (biology, chemistry, or physics) under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

Student Teaching Elementary
Full time immersion and induction into the range of experiences associated with public school teaching in grades kindergarten
through eight, under the guidance and direction of a cooperating teacher and university supervisor. Teacher Performance Assessment portfolio. Chicago placement option. Concurrent enrollment in 490 required. Prerequisites: acceptance to Student Teaching. Offered each fall.

497 (section 2) Internship in Reading
Field placement focused on the specialized implementation of reading, assessment, and remedial instruction and support in the K-12 classroom. 150 hours with concurrent one hour weekly seminar and related assignments exploring the relationship between reading theory, research, and practice. Completes state of Illinois reading endorsement requirements and the Reading content area emphasis in Elementary Education. Prerequisites: 323 and permission of the instructor. Offered each spring.

498 Educational Inquiry (W)
Capstone course revisiting social justice issues in education through student led and collaborative research within classroom, school, and community contexts, culminating in a public presentation. Includes extensive literature review. Prerequisites: 490 and 491, 492, 493, 494, 495, or 496 or all other courses in the interdisciplinary major or minor (exception for 9th semester student teachers). Offered each spring.

ENGLISH

O’Gorman, Bushman, Chapman, Diaz, Plath, Robey, Sainsbury, Terkla, Theune

The English curriculum in literature and writing trains students in the arts of reading, creative thinking, deft expression, and argumentation. Studying literature and its kindred arts enables students to recognize the power and beauty of language and to find meaning in the complexities of human experience. Reading imaginative works from different eras and locating them in their intellectual, historical and social contexts, students come to understand how literature transmits and transforms the cultures that produce it. Academic work in the discipline fosters lifelong skills that enable students to investigate and respond to critical questions, while helping them live reflective, imaginative lives. As they take intellectual and imaginative risks in their own writing, students develop their sense of agency and experience the pleasure of engaging with texts and ideas.

All English majors take courses in literature, a vital part of the humanities and the liberal arts. Those planning to teach English in primary or secondary school combine literary studies with educational studies courses. Students interested in journalism combine literature courses with courses in newswriting and reporting. Students of English prepare themselves for graduate school and for positions in a variety of fields, a short list of which includes advertising, business, consulting, counseling, editing, law, library science, marketing, politics, public relations, publishing, social work, systems analysis, telecommunications, university teaching, web design, and writing of all kinds—any kind of work that requires adeptness in verbal expression, a capacity for thinking critically and creatively, and an ability to envision, design, and execute complex projects.

The department offers two sequences for majors: a Literature sequence and a Writing sequence in creative writing and journalism. English majors seeking a license to teach English at the middle or high school level should refer to the Educational Studies Department section of the Catalog and Teacher Education Handbook (<http://www.iwu.edu/edstudies/handbooks/>) for further information. Students seeking teacher licensure should inform the Educational Studies
office and consult with the Educational Studies department chair for advising. Questions regarding the English major and/or career options should be directed to the department chair.

Major (Literature sequence, 10 Courses):
Students may take this sequence as late as the fall semester of their junior year, providing that a sufficient portion of general education requirements have been met. A minimum of ten courses from English departmental offerings is required:

1. English 280
2. Two or three lower division literature courses: a) One course must be from 220-259; b) One or two additional courses from 109-170, 220, or 231-272 (Only one unit of 100-level English courses may be counted toward the major).
3. Five or six additional courses in literature at the 300/400 level. At least one must be pre-1830 literature (341-344, 366, 391, 393-394).
4. English 480
5. Students may substitute either one unit of writing taken at the 100/200 level for 2b above, OR one unit of writing at the 300/400 level for one course from 3 above, excluding the pre-1830 requirement.

Major (Writing sequence, 12 Courses):
The writing sequence usually requires a minimum of five semesters to accommodate the additional course work. Students may focus on creative writing, journalism, or multiple genres. A minimum of twelve courses from English departmental offerings is required:

1. English 280
2. One lower division literature course from 220-259
3. Four courses in literature at the 300/400 level. At least one must be pre-1830 literature (341-344, 366, 391, 393-394).
4. Two lower division writing courses from 201, 202, 206, 211, 212, 272-writing.
5. Two upper division writing courses from 301 (may be repeated for credit with different subject matter), 315, 325, 335, and 401.
6. One additional course in writing at the 200, 300, or 400 level.
7. English 480

Minor in English:
Six courses from English departmental offerings are required:

1. English 280
2. Two lower division literature courses: a) One course must be from 220-259; b) One additional course from 109-170 or 220 or 240-272.
3. Two additional courses in literature at the 300/400 level.
4. One additional course unit in writing or literature at the 100, 200, or 300 level.

Literature

109 Poetry through Performance (LIT) An introduction to poetry that uses performance as a key method for engaging a range of poetic texts, from sonnets to slam poets. Offered occasionally.

115 Science Fiction (LIT) Science fiction represents that which does not (or does not yet) exist – and as such has suffered from the reputation of being escapist fare. In this course, we will consider how science fiction uses “that which does not exist” – imagined
futures, alternate histories, alien cultures, and the like – to grapple with genuine historical, social, and philosophical concerns. Offered occasionally.

116  Travellers and Travel Liars (LIT)  An exploration of fictional and nonfictional discovery narratives, ranging in the time from ancient Greece to the twenty-first century, that sets out to determine what the purposes of travel – existential, personal, political, social, and spiritual – have been and how they change over time and from culture to culture. Offered occasionally.

117  I Love a Mystery (LIT)  A study of the contemporary mystery novel, whose preoccupations may be classic – the application and misapplication of justice, for example – but which highlights how the specifics like cultures, history, and place determine the way we define and prosecute crime as well as administer justice. Offered occasionally.

120  Women in Literature (LIT)  The course will focus on women writers of the 20th and 21st centuries, with an emphasis on the variety of female experience and literary expression. Readings include short stories, novels, plays, and poetry. Offered occasionally.

122  A Woman’s Place (LIT)  This course examines how feminized roles and places in English literature becomes sites of resistance, change, and accommodation. Readings feature British novels and plays by Shakespeare, Austen, Stoker, Churchill, and Pym, among others. Offered occasionally.

123  Bad Girls (LIT)  What makes a girl good? What makes a good girl go bad? Can a bad girl make good? We’ll read (mostly) contemporary literature that challenges conventions and remakes conventional stories to accommodate the unconventional desires and aspiration of bad girls. Offered occasionally.

129  Third World Women Speak (LIT, G)  As they do in western nations, women in post-colonial and nonwestern societies make up at least half of the population, but are less visible in the public sphere: women share the lives of men but do not live the life of men. This course will focus on the ways women writers in the third world explore what it is to be a woman in a post-colonial society. Readings include selections from imaginative, autobiographical, and critical literature, in a variety of genres and forms (poetry; fiction; drama; comics). Work for the course includes reading responses, short papers of critical analysis and in-class essay exams. Offered occasionally.

130  Expatriate: Literature from Displacement (LIT, G)  Many people straddle two worlds because of cultural, political, and religious oppression. Some do this by choice, others by force. This course will examine literature created during displacement and explore issues such as multiculturalism, censorship, and home. Readings may address other forms of displacement, including incarceration and physical paralysis. Offered occasionally.

131  Literature & War (LIT)  This course explores significant developments in the war novel, as well as changing social attitudes and psychological responses to war. Students will read and view a variety of material, from flag-waving heroism to “M*A*S*H”–like attempts to survive. This course will also introduce students to basic literary criticism. Offered occasionally.

132  The Healing Art: Illness Narratives in Film and Literature (LIT)  In this course, students consider the techniques that writers and filmmakers use to explore the complexities of illness. This course asks: how do writers use figurative language, shifts in perspective, and filmic techniques to negotiate questions about the body? Readings and viewing include contemporary poems, short stories, essays, and films. Offered occasionally.

133  Crime and Punishment: Searching for Justice in Film and Literature (LIT)  In this course, students consider texts in which characters commit violent crimes and victims seek justice, and sometimes revenge, for those crimes. Students consider the pervasiveness of the legal culture that literature both helps to constitute and critique. Readings include films, plays, poems, and short stories. Offered occasionally.
I, Anxious (LIT)  A comparative examination of texts, mostly novels, that present the search for self-knowledge, self-satisfaction, and/or enlightenment. Focus on the tension and anxiety inherent in the self-discovery process, on the dialogues between self and other – and self as other – that incite clashes between self-perception and customary reality. 

Special Topics in Literature (LIT)  Critical reading and interpretation of literary texts. Encourages close reading as well as oral and written work in articulating understanding. May be repeated for credit if subject matter is not duplicated; does not count toward the English-Writing major.

### Foundation Courses for the English Major

220 Literature and Its Signs  Examines how issues of representation, genre, and historical context cooperate in a “reading” of British, American, or other English language texts. May be repeated for credit if the subject matter is not duplicated. Prerequisite: Gateway Colloquium. Not all 220 sections receive general education credit in Literature. See current Program of Classes to determine if general education requirements are fulfilled.

231 Early English Drama (LIT)  A study of the emergence of drama as a literary and a cultural form in Shakespeare’s era. Prerequisite: Gateway Colloquium. Offered in alternate years.

232 British Drama 1950 – Present (LIT)  A study of important theatrical innovations and the staging of social and political issues in Great Britain from 1950 to the present. Prerequisite: Gateway Colloquium. Offered in alternate years.

241 Such a Knight: Medieval Chivalry (LIT)  Examines the rise and development of the feudal system and attendant cultural tensions in medieval texts—chronicles, biographies, epics, lyrics, romances, and their modern analogues. Prerequisite: Gateway Colloquium.

245 Comedy of Manners (LIT)  Focus on comedy of manners and novel of manners, which often challenge a highly sophisticated society, and on the genre’s evolution from its beginnings in the 17th century to the present. Prerequisite: Gateway Colloquium.

249 Writing in the Third World (LIT, G)  Introduces basic questions and issues facing post-colonial writers: audience, relationship between culture and politics, adaptation of western literary forms, intervention in the historical record, and place of “orality” in “literature.” Readings in English. Prerequisite: Gateway Colloquium.

258 On the Bus: The Beat Writers (LIT)  Studies Beat Generation writings of the 40s and 50s and their literary and philosophical antecedents as social protest and as influences on succeeding generations. Includes film, painting, and jazz from the period. Prerequisite: Gateway Colloquium.

259 Sex, Text, and Tradition in Black Women’s Writing (LIT, U)  Examines fiction, poetry, drama, essays on culture and literature, and autobiography by women of
African descent. Prerequisite: Gateway Colloquium. Offered annually.

272  Travel Course  Emphasis on texts in overseas or domestic contexts in which they were created or upon which they focus. All or most of May term will be spent off-campus. May be repeated for credit if the topic is not duplicated. See current Program of Classes to determine if general education requirements are fulfilled. Offered occasionally in May Term.

280  Practical Criticism (W)  Practice in interpretation of texts through discussion and written work; attention to strategies of writing about literature, to critical vocabulary, and to critical approaches in current use. Restricted to English majors and minors only. Prerequisite: Gateway Colloquium. Offered each semester.

285x  Introduction to Research in English  Design and completion of library or archive research project in language, literature, or culture under faculty tutelage. Research may serve as first step toward larger, independent research project, investigate an issue raised in student’s previous study, or complete a limited project using library or archive holdings or acquisitions. Prerequisite: consent of instructor and English department chair before enrollment. Credit/No Credit. Offered each semester and occasionally in May Term.

385x  Advanced Research in English (0 units – Credit/No Credit)  Design and completion of advanced-level library or archive research project in language, literature, or culture under faculty tutelage. Research can build on previous coursework or study in 285x. Ideally, this research serves as a foundation for a project in English 485 or English research honors. Prerequisite: consent of instructor and English department chair before enrollment and a GPA in the major of at least 3.25. May be repeated with prior approval of instructor and chair.

341–357 Historical Periods and Movements

341  Medieval Literature (LIT)  Readings of English and Continental texts from the 9th-15th century with selected readings in Middle English and in modern translation from Latin, Old French, Provencal, Welsh, and other traditions. May include Arthurian romance, the literature of courtly love, drama, lyric poetry, or writings of medieval mystics. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered in alternate years.

342  Renaissance Literature (LIT)  Investigates issues of representation of gender and sexuality, representations of the court, the place of the stage, versions of early modern selfhood, and moral theory in the Renaissance period, 1520-1660. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered as needed.

343  Restoration and 18th Century (LIT)  Focus on British authors between 1660–1789 who consider issues of aristocratic decadence, wit as a moral touchstone, emergence of the middle class, and gender through the use of satire, romance, the novel (epistolary, picaresque, comic), comedy of manners, sentimental and laughing comedy, neoclassical tragedy, and mock forms. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

344  Romantic Literature (LIT)  Examines the great literature–much of it poetry–of the period 1789-1830. Addresses themes and issues characteristic of this time of unrest and redefinition. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered in alternate years.

346  Victorian Literature (LIT)  Focus on British novelists, poets, playwrights, and essayists between 1830-1900 who are drawn to themes of the divided self, middle class decorum, the fight for women’s suffrage and education, organization of the working class, responses to poverty, expansion of the British empire, and religious conversion and doubt. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered in alternate years.
348  Recent and Contemporary British Literature (LIT)  Examines literature of England, Ireland, and Scotland since 1930 with emphasis on aspects of experimentation in form resulting from the modernist movement and the backlash against it. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

351  American Literature to 1865 (LIT)  Focus on aspect(s) of American literature up to the Civil War to form a coherent view of one part of the American experience. May examine poetry, drama, fiction, essays, journals, diaries, news articles, or collateral arts like painting and music. Prerequisite: Gateway Colloquium; 1 course from 170 or 220–259, plus 280. Offered in alternate years.

352  American Literature after 1865 (LIT, U)  Focus on aspect(s) of American literature since the Civil War to form a coherent view of American experience. Draws upon several literary and non-literary genres. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered in alternate years.

354  American Literature since 1945 (LIT, U)  Focus on literary, historical, and cultural contexts and movements through faculty selected topics, e.g., War and Literature, Black American Literature, The Modern Experiment and the Arts, or Postmodernism. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

356  Modernism (LIT)  Emphasis and scope varies on American, British, or world modernism. Topics may include development of modernism, modernist views of language and art, the social contexts of literary modernism, for example. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

358-360  World Literatures

359  World Literature (LIT, G)  Focus on 1) Anglophone literature of Africa, South Asia and the Caribbean, or 2) national literature in translation, or 3) comparative treatments of issues, authors or literary genres. Prerequisite: Gateway Colloquium; 1 course from 109-170, 220-259, plus 280. Offered in occasionally.

361-366  Genre Courses

361  Gender and the Novel (LIT, U)  Examines the relationship between gender and contemporary novel forms in light of issues, ideas, and theories raised in feminist criticism. Topics: images of women, gender inscription in texts, treatment of traditional male novel form, male/female development, psycho-sexual difference, writing difference. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered as needed.

365  Avant-Garde Fiction (LIT)  Focus on experimental fiction written in the twentieth and twenty-first centuries, with particular emphasis on concerns of style and structure. We will read text that call into question the limits of representation and of genre, notably the novel and the short story. Prerequisites: Gateway Colloquium; 280; 1 course from 109-170 or 220–259. Offered in alternate years.

365  Autobiography (LIT)  Examines this genre as a testing ground for the nature of literary form, art, and human agency, and especially as a site for investigating the role of memory, truth vs. fiction, and the self as a narrating subject. Topics include journey stories, culture and self, subversion of form, women’s auto-gyngography, and popular/journalistic contours of the form. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

366  Romance: The Genre (LIT)  Focus on the romance form to develop a provisional definition based upon: formal conventions, generic evolution, transfigurations, deconstruction and instances of self-parody. Consideration of romance authors as revisionist or voices of social change, from biblical romances to contemporary novels. Because the bulk of the course is pre-1830, it satisfies the pre-1830 major requirement. Prerequisite:
Gateway Colloquium, 1 course from 109-170 or 220-259, plus 280. Offered occasionally.

Special Topics

370 Special Topics in Literature Courses with related objectives but varying content. May treat a genre (fiction, poetry, drama) or broad theme with extensive rather than specialized focus. May be repeated if subject matter is not duplicated. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. See current Program of Classes to determine if general education requirements are fulfilled. Offered occasionally.

380 Literary Theories Focus on modern theoretical approaches to literature. While materials and emphases may vary, the course addresses multiple perspectives, twentieth century criticism, and concepts over practical applications. Prerequisite: Gateway Colloquium; 1 course from 109–170 or 220–259, plus 280. Offered in alternate years.

391-398 Author Studies

391 Chaucer (LIT) A study of Chaucer's works in their cultural and biographical contexts. Emphasis on The Canterbury Tales, although other Chaucerian texts may be included. Readings in Middle English. Prerequisite: Gateway Colloquium; 1 course from 170 or 220–259, plus 280. Offered in alternate years.

393 Shakespeare's Comedies and Histories (LIT) Both courses investigate the ways our culture is informed by Shakespeare's works and the ways in which we construct meaning from them. While both focus on the dramatic form, they may occasionally include the sonnets and verse romances. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Each course offered annually.

398 Joyce (LIT) Examines James Joyce's major works in cultural and historical contexts; emphasis on Ulysses. Prerequisite: Gateway Colloquium; 1 course from 109-170 or 220–259, plus 280. Offered occasionally.

Courses for Seniors

480 Senior Seminar (W) Intensive study of a particular topic, author, or genre. Enrollment limited. Prerequisite: Majors and minors with junior or senior standing and prior completion of at least two 300- or 400-level courses in literature. Offered each semester.

485 Directed Study in English Independent study in English. May not duplicate the content of regularly offered courses. Enrollment limited to English majors. Prerequisite: consent of the instructor and the chair of the department. Student must submit a plan of study prior to enrollment. Offered each semester and occasionally in May Term.

Creative Writing

101 Introduction to Creative Writing (AR) Examines theory and practice of writing creatively. Reading combined with practice in the basic processes of and strategies for writing fiction, poetry, or drama. Does not count toward the English–Writing major. Offered annually.

201 Writing Fiction Workshop in reading and writing fiction while focusing on principles and techniques used by writers and on key elements of the story form. Students will complete stories and develop a portfolio. Prerequisite: Gateway Colloquium. Offered annually.

202 Writing Poetry Workshop in reading and writing poetry while focusing on primary techniques and fundamental elements used in writing poetry, both formal and free verse. Students will complete a series of poems and develop a portfolio. Prerequisite: Gateway Colloquium. Offered annually.
206 Creative Nonfiction (W) Workshop in reading and writing creative non-fiction while focusing on fundamentals, including situating experience, finding the right form, and developing a personal voice. Students will complete essays and develop a portfolio. Prerequisite: Gateway Colloquium. Offered in alternate years.

301 Seminar in Creative Writing (AR) Seminar and workshop in a single genre or topic focusing on specific issues related to specific schools, styles or subjects in writing (e.g., post-modern fiction, series of poems, lyric forms, dramatic realism, the essay in history, hyper fiction, minimalism, editing and publishing, etc.). May be repeated for credit if subject matter not duplicated. Prerequisite: 201 (if fiction), 202 (if poetry), 206 (if nonfiction), or consent of instructor. These courses may be waived by the instructor based on evaluation of student’s portfolio. Priority enrollment given to writing concentration majors when necessary. Offered annually.

401 Senior Writing Project Capstone experience for English-Writing majors requires thoughtful study of portfolio work and completion of an extensive, ambitious individual project that’s both a logical extension of the student’s work and a new challenge. The course will be multi-genre, with an emphasis on feedback and support. Prerequisite: at least one 300-level writing course and senior standing. Offered annually.

Journalism

211 Newswriting and Reporting (W) Fundamentals of newswriting, with emphasis on style and structure; methods of news reporting. Offered annually.

212 Editorial Writing and Reviewing (W) Background, theory, and practice in editorial writing, as well as the composition of book, theater, and film reviews. Prerequisite: English 211 or consent of instructor. Offered in alternate years.

315 Seminar in Journalism Concentrated study in a specialized area of journalism. Topics will vary, but may include seminars in public relations, public affairs reporting, science and environmental writing, and travel writing. Prerequisite: one 200-level writing course or consent of instructor. Prerequisite: 211 or 212 or consent of instructor. Offered occasionally.

325 Feature Writing and Investigative Reporting (W) Feature writing and investigative reporting for print journalism. Field trip(s) and real-world assignments, with an emphasis on publication. Prerequisite: 211 or 212 or consent of instructor. Offered in alternate years.

Internships

335 Internship in Professional Writing Offered in cooperation with an off-campus firm, business, institution, agency, department, station, etc. Attention is given to the student’s special interests. Consent of the instructor and the off-campus supervisor is required. Enrollment limited to English majors. Only one internship may be counted toward the major. Offered each semester and May Term.

ENVIRONMENTAL STUDIES

Harper, Brown, Jahiel

Environmental Studies addresses a broad range of issues concerning the relationship of human beings with the natural world. Understanding these issues requires that knowledge from diverse disciplines be brought together, and new modes of thinking be developed. At Illinois Wesleyan, the Environmental Studies Program is designed to provide students with a basic knowledge of the scientific concepts, the societal factors—cultural, political, and economic—and the ethical dimensions behind environmental issues. The program includes both interdisciplinary courses and courses that address environmental issues from a variety
of disciplinary perspectives, and offers both a major and a minor degree.

Students majoring in Environmental Studies have two basic ways to complete their degrees. They can pursue a General Major in Environmental Studies, expanding upon the core courses required of all majors with additional course work in the natural sciences, human cultures and social institutions. Alternatively, they can pursue a specialist degree in which they attain in-depth knowledge of a particular area of study through completion of a Concentration in one of three fields: Ecology, Environmental Policy, or International Environmental Sustainability. The General Major in Environmental Studies provides the flexibility necessary for those interested in the environment but as yet undecided in their career path, or those interested in the humanities, to pursue their interests and develop a broad base of knowledge in the field. The Concentrations are designed especially for those who intend to pursue graduate education in environmental science, environmental policy or law, or international sustainable development. A student who wishes to pursue a disciplinary major, but would like to supplement his or her education with coursework on the environment, should consider pursuing an Environmental Studies Minor. All students seeking an Environmental Studies degree should consult with the ES Director early in their studies to determine which course of study is most appropriate for achieving their desired goals.

**Requirements for the Major**

A minimum of 11 courses (at least four of which are at the 300-level or above) to include the following:

1. ENST 100 Environment and Society
2. ENST 110 Earth Systems Science
3. ENST 120 Ecology and Environmental Problems (Students pursuing a concentration in Ecology should instead take BIOL 217 Introduction to Ecology.)
4. ENST 365 Ethical Dilemmas in Environmental Politics or PHIL 302 Ethics and the Environment
5. Six courses selected to complete the requirements, described below, of either a:
   a. General Major in Environmental Studies
   or
   b. Concentration in Environmental Studies
6. ENST 480 Senior Seminar: Creating a Sustainable Society

All majors are also expected to take one of the following introductory statistics courses: BIOL 209, ECON 227, PSYCH 227, or SOC 227, and are encouraged to study abroad.

No more than one internship may be used to fulfill the requirements for the major or the minor; and courses may not count for two majors or for both a major and a minor.

**Requirements for the Minor**

A minimum of six courses, at least two of which are at the 300-level or above, to include the following:

1. ENST 100: Environment and Society
2. ENST 110: Earth Systems Science or ENST 120: Ecology and Environmental Problems
3. ENST 397: Internship or ENST 480: Senior Seminar: Creating a Sustainable Society
Sustainable Society, taken in the junior or senior year.

4. Three additional courses from the list of Environmental Studies courses below.

Students pursuing a minor are highly encouraged to take an introductory environmental ethics course (ENST 365 or PHIL 302).

Courses may not count for both a major and a minor; and no more than one internship may be used to fulfill the minor requirements.

**GENERAL MAJOR IN ENVIRONMENTAL STUDIES**

Students pursuing a General Major in Environmental Studies must select two courses in each of the following three areas (Natural Science, Human Culture, and Social Institutions), at least two of which are at the 300-level or above. No course may be used to count for two categories. In addition, no more than one internship (ENST 397) and one directed study (ENST 250) may be used to satisfy the requirements for the major, and these may not both be used to satisfy the requirements in any one area (i.e. natural sciences, etc.) of the General Major.

**A. Natural Science**

- **Biol 164**  Marine Realm
- **Biol 217**  Introductory Ecology (prerequisite: BIOL 102)
- **ENST 115/217**  Energy and Society
- **Phys 120**  Atmospheric Pollution
- **ENST/CHEM 130**  Chemistry of the Environment
- **ENST 132**  Water Quality
- **ENST/Biol 218**  Field Ornithology
- **ENST/Biol 220**  Natural History of Illinois
- **ENST 240**  Health and the Environment
- **ENST 241**  War on Cancer: Does Environment Matter?
- **ENST 242**  Toxic Threats to Reproduction and Child Development
- **ENST 250**  Directed Readings in Environmental Studies, with approval of ES program director.
- **ENST 270**  Special Topics, when approved as a natural science course
- **ENST/Biol 321**  Conservation Biology and Restoration Ecology (prerequisite: BIOL 102)
- **ENST/Biol 350**  Tropical Ecology (prerequisite: ENST 120)
- **ENST 370**  Special Topics, when approved as a natural science course
- **ENST 397**  Internship, with approval of ES program director
- **Phys 239**  Problems of Nuclear Disarmament

**B. Human Culture**

- **ENGL 170**  Radioactive: Writing in the Nuclear Age
- **ENGL 220**  American Ground Zero
- **ENGL 220**  Thinking like a Mountain: Literature and Environmental Consciousness
- **ENST/HIST 248**  American Environmental History
- **ENST 250**  Directed Readings in Environmental Studies, with approval of ES program director
- **ENST 270**  Special Topics, when approved as a human culture course
- **ENST/ANTH 274**  Peoples and Cultures of East Africa
ENST/ANTH 288 Consuming Passions: The Anthropology of Food
ENST 370 Special Topics, when approved as a human culture course
ENST 397 Internship, with approval of ES program director
HIST 360 Modern Brazil

C. Social Institutions
ECON 340 Environmental and Natural Resource Economics
(prerequisite: ECON 100)
ENST/HIST 248 American Environmental History
ENST 250 Directed Readings in Environmental Studies, with
approval of ES program director
ENST/PSCI 260 American Environmental Politics
ENST 270 Special Topics, when approved as a social institutions course
ENST/ANTH 274 Peoples and Cultures of East Africa
ENST/ANTH 288 Consuming Passions: The Anthropology of Food
ENST/PSCI 360 Comparative Environmental Politics
ENST/PSCI 361 Globalization and the Environment
ENST 370 Special Topics, when approved as a social institutions course
ENST 397 Internship, with approval of ES program director
HIST 360 Modern Brazil
SOC 344 Population and Environment

CONCENTRATIONS IN THE MAJOR
ECOLOGY (Advisor: Harper)
Students concentrating in Ecology must take:
BIOL 209 Biostatistics (prerequisite: BIOL 102)
ENST/BIOL 321 Conservation Biology and Restoration Ecology
(Prerequisite: BIOL 102)
ENST 450 Independent Study OR ENST 451: Independent Research
and Writing

Plus two courses from the following list:
BIOL/ENST 218 Field Ornithology
BIOL 219 Invertebrate Zoology
BIOL/ENST 302 Parasitology
BIOL 306 Plant and Fungal Diversity
BIOL 314 Microbiology
BIOL 316 Evolution
BIOL 320 Marine Biology
BIOL 327 Experimental Ecology
BIOL/ENST 350 Tropical Ecology
ENST 250 Directed Readings in Environmental Studies, with
approval of concentration advisor
ENST 270 Special Topics, with approval of concentration adviser
ENST 370 Special Topics, with approval of concentration adviser
ENST 397 Internship, with approval of concentration adviser
MATH 300 Mathematical Modeling, with approval of concentration adviser

And one course on human culture or social institutions from the following list:
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ECON 340</td>
<td>Environmental and Natural Resource Economics (pre-requisite ECON 100)</td>
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<tr>
<td>SOC 344</td>
<td>Population and Environment</td>
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Depending on their career interests, and in consultation with the Concentration advisor, students should consider taking CHEM 201, 202, 311 and 312.

**ENVIRONMENTAL POLICY (Advisor: Jahiel)**

Students concentrating in Environmental Policy must take:

- ENST/PSCI 260 American Environmental Politics
- ECON 340 Environmental and Natural Resource Economics (pre-requisite: ECON 100)

Plus three courses from the following list, only one of which may be ENST 250, 397, 450 or 451:

- ENGL 220 American Ground Zero
- ENST/HIST 248 American Environmental History
- ENST/PSCI 360 Comparative Environmental Politics
- PSCI 201 State and Local Government
- PSCI 341 Congress and the Legislative Process
- PSCI/SOC 395 Action Research Seminar
- SOC 344 Population and Environment
- ENST 250 Directed Readings in Environmental Studies, with approval of concentration advisor
- ENST 270 Special Topics, with approval of concentration adviser
- ENST 370 Special Topics, with approval of concentration adviser
- ENST 397 Internship, with approval of concentration adviser
- ENST 450 Independent Study
- ENST 451 Independent Research and Writing

And one additional environmental science course from the following list:

- BIOL 164 Marine Realm
- ENST/PHYS 115 Energy and Society
- ENST/CHEM 130 Chemistry of the Environment
- ENST 132 Atmospheric Pollution
- ENST/CHEM 135 Water Quality
- ENST/BIOL 218 Field Ornithology
- ENST/BIOL 220 Natural History of Illinois
- ENST 240 Health and the Environment
- ENST 241 War on Cancer: Does Environment Matter?
ENST 242       Toxic Threats to Reproduction and Child Development
ENST 270       Special Topics
ENST/BIOL 321   Conservation Biology and Restoration Ecology
ENST/BIOL 350   Tropical Ecology
PHYS 239       Problems of Nuclear Disarmament

INTERNATIONAL ENVIRONMENTAL SUSTAINABILITY
(Advisor: Jahiel)

Students concentrating in International Environmental Sustainability must take:
ENST/ANTH 274   Peoples and Cultures of East Africa OR ENST/ANTH
                 288 Consuming Passions: The Anthropology of Food
ENST/PSCI 360   Comparative Environmental Politics OR ENST/PSCI 361
                 Globalization and the Environment
PSCI 326       Globalization and Development

Plus two courses from the following list, only one of which may be ENST 250, 397,
450 or 451:
ENST/ANTH 274   Peoples and Cultures of East Africa
ENST/ANTH 288   Consuming Passions: The Anthropology of Food
ENST/PSCI 360   Comparative Environmental Politics
ENST/PSCI 361   Globalization and the Environment
HIST 360       Modern Brazil
PHYS 239       Problems of Nuclear Disarmament
SOC 344        Population and Environment
ENST 250       Directed Readings in Environmental Studies, with
                approval of concentration advisor
ENST 270       Special Topics, with approval of concentration adviser
ENST 370       Special Topics, with approval of concentration adviser
ENST 397       Internship, with approval of concentration adviser
ENST 450       Independent Study
ENST 451       Independent Research and Writing

And one additional environmental science course from the following list:
BIOL 164       Marine Realm
ENST/PHYS 115   Energy and Society
ENST/CHEM 130   Chemistry of the Environment
ENST 132       Atmospheric Pollution
ENST/CHEM 135   Water Quality
ENST/BIOL 218   Field Ornithology
ENST/BIOL 220   Natural History of Illinois
ENST 240       Health and the Environment
ENST 241       War on Cancer: Does Environment Matter?
ENST 242       Toxic Threats to Reproduction and Child Development
ENST/BIOL 321   Conservation Biology and Restoration Ecology
ENST/BIOL 350   Tropical Ecology
PHYS 239       Problems of Nuclear Disarmament

Students concentrating in this area are especially encouraged to study abroad.

100    Environment and Society (AV)    Exploration of the relationship between
human-kind and nature, designed to encourage critical thinking about the environmental
predicaments of the twenty-first century, as well as to provide a theoretical
foundation from which to evaluate the causes and possible solutions to these problems. Major theorists, ideas and schools of thought that have influenced environmentalism are discussed. Offered annually.

110 Earth Systems Science (PSL) The Earth is changing, and understanding this change requires an understanding of the interrelated systems of the Earth. This course investigates the systems (hydrosphere, atmosphere, biosphere, and lithosphere) and the complex cycles and interactions between them, both globally in the classroom and locally through a field/lab experience. Offered annually.

115 Energy and Society (PSI) (Cross-listed with PHYS 115) This course provides an introduction to the fundamental scientific principles governing the production, interconversion and transmission of various forms of energy, and the manner in which they interact with the environment, both on a local as well as on a global scale. Students will also apply this fundamental knowledge to specific and competing choices that can be made at the individual level and as a society, regarding energy options and energy policy. Offered annually.

120 Ecology and Environmental Problems (LSI) (Cross-listed with BIOL 120) Examination of major environmental concepts, problems, and possible solutions. Basic ecological principles will serve as a foundation for discussion of such issues as human population growth, resource extraction/depletion, loss of biodiversity, and pollution. Offered annually.

130 Chemistry of the Environment (PSL) (Cross-listed with CHEM 130) A survey of chemistry principles with an emphasis on the application of these principles to environmental topics such as air and water pollution, global warming, and energy. Laboratory experiments may involve analysis of water from local stream and lakes and the analysis of vegetables for pesticide residue. Offered annually.

132 Air Pollution (PSI) Air quality is of extreme importance to both human health and environmental health. This course will include discussion of several atmospheric pollution issues, including pollution sources, reactions and transport in the atmosphere, pollution reduction efforts, and the energy needs that underlie many of the causes of the pollution. No prior knowledge of geology is needed, but a basic knowledge of chemistry will be assumed. Offered occasionally.

135 Water Quality (PSL) (Cross-listed with CHEM 135) The definitions of water quality depend heavily on the intended uses of the water supply—for drinking, irrigation, recreation, or ecosystem support. We will take a hands-on approach in studying water quality issues, using local water resources as case studies. A major part of the course will be field trips to measure and monitor water quality in local rivers and lakes. Offered occasionally.

218 Field Ornithology (LSI) (Cross-listed with BIOL 218) A general introduction to the biology, ecology and behavior of birds. Students will spend time practicing bird identification and observing bird behavior in the field. Local and regional field trips will be made to observe migrating and resident birds. No previous experience with birds is expected. Satisfies major/minor in Biology or Environmental Studies. Prerequisite: BIOL 102 or BIOL/ENST 120. Offered alternate May Terms.

220 Natural History of Illinois (LSI, W) (Cross-listed with BIOL 220) The study of natural history is an endeavor in understanding the myriad of parameters that contribute to the complexities of the natural world. This course is designed to explore, through lecture, laboratory, and field studies, the geological, climatic, biological, and ecological aspects of the environment of Illinois. Offered alternate fall semesters.

240 Health and the Environment (LSI, U) Environmental factors are among the most important determinants of health status of individuals and communities. While
great strides have been made in public health, new challenges have arise with industrial pollution, environmental degradation and climate change. This course explores connections between modern environmental factors and health issues, such as asthma, cancer, and emerging infectious diseases, including disparities among vulnerable groups. Offered occasionally.

241  **War on Cancer: Does Environment Matter? (LSI)** Why is cancer epidemic in America? And what progress have decades of the War on Cancer brought us? This course looks at epidemiological and other evidence of changing cancer incidence and mortality. We investigate emerging research on causes of cancer, especially environmental triggers. Pathways to prevention are explored within a complex backdrop of politics, science, and culture. Offered occasionally.

242  **Toxic Threats to Reproduction and Child Development (LSI)** Humans and ecosystems in the United States and worldwide are regularly exposed to some 85,000 synthetic chemicals, most of which are poorly tested or untested for human health effects. This course will explore the effects of chemicals—such as heavy metals, pesticides, solvents, dioxins, PCBs, and endocrine disruptors—on reproduction and child development, and will look at intervention strategies to reduce toxic threats. Offered in alternate years, May Term.

248  **American Environmental History (CHC, U) (Cross-listed with HIST 248)** Focuses on the impact of Native American societies, Western colonialism, and market forces on land-use patterns, biodiversity and the development of the contemporary environmental movement in the United States. Offered in alternate years.

250  **Directed Readings in Environmental Studies**

260  **American Environmental Politics and Policy (CSI) (Cross-listed with PSCI 260)** Basic introduction to the institutional and legal framework of contemporary American environmental policy and to environmental politics in the United States. Policy issues explored include water and air pollution, solid and hazardous waste, endangered species and wilderness preservation, energy development, growth management, and environmental justice. Offered in alternate years.

274  **Peoples and Cultures of East Africa (CSI, G) (Cross-listed with ANTH 274)** Survey of select east African societies whose cultural adaptations to varied ecosystems make interesting case studies for comparative analysis. Reveals the diversity and the congruity of human social systems. Offered annually.

288  **Consuming Passions: The Anthropology of Food (G) (Cross-listed with ANTH 288)** Considers forms of human eating in historical and cross-cultural perspectives and their relationship to the environment. Examines various systems of subsistence, from hunting and gathering to horticulture to pastoralism, as well as the symbolic aspects of food choice. Offered in alternate years, fall semester.

321  **Conservation Biology and Restoration Ecology (1.25) (Cross-listed with BIOL 321)** Ecological principles and conservation law and policy will serve as a basis to assess human impacts on biological diversity and to develop practical approaches to prevent species extinction. Labs will involve students in applying restoration ecology principles and techniques in the field to restore local ecosystems. Prerequisite: BIOL 102. Offered in alternate years.

350  **Tropical Ecology (LSI, G) (Cross-listed with BIOL 350)** Introduction to the ecosystems, animals, and plants of Costa Rica, including issues associated with the preservation of biodiversity. Studies will be conducted both in the field and in the classroom. Prerequisite: ENST 120, declared minor in Environmental Studies, consent of instructor. Offered in May Term.

360  **Comparative Environmental Politics (CSI, G, W) (Cross-listed with PSCI 260)** Examination of how different political-economic systems shape the environmental policy
process and impact the environment. This course considers how party structure, mode of interest articulation, economic system and level of development affect environmental policy. Countries studied include the United States, Germany, former Soviet Union/Russia, China, India, Brazil and Nigeria. Prerequisite: a course in either political science or environmental studies strongly recommended. Offered in alternate years, spring semester.

361  Globalization and the Environment (CSI, G) (Cross-listed with PSCI 361)
Introduction to the international politics behind efforts to deal with tropical deforestation, ozone depletion, global warming, loss of biodiversity and transnational transfer of hazardous wastes. Actors, conferences, and accords involved in the international environmental policy process are discussed, with particular attention to different positions of industrialized versus developing countries. Offered in alternate years, spring semester.

365  Ethical Dilemmas in Environmental Politics (AV) (Cross-listed with PSCI 365)
When can non-human claims trump human interests? Does humanism provide a coherent lens for resolving environmental issues? How do answers to these questions influence our answers to dilemmas in environmental politics such as how to weigh the value of biodiversity and whether to use cost/benefit analysis to evaluate and determine regulatory policy? Utilitarian, Kantian, Social Contract, and holistic theories are introduced as competing criteria for evaluating the risk of environmental harm caused by human development. Offered in alternate years.

370  Special Topics

397  Internship  Students may arrange an internship with an environmental-related agency. Prerequisites: Environmental Studies 100 and 110 or 120, declared minor in Environmental Studies, junior or senior standing, and consent of both the supervising faculty member and one of the Environmental Studies directors. Offered each semester.

450  Independent Study  Individual study in an area of interest relating to the environment. Student must devise a plan of study in cooperation with a supervising faculty member. Prerequisites: Environmental Studies 100 and 110 or 120, declared minor in Environmental Studies, junior or senior standing, and consent of the supervising faculty member and one of the Environmental Studies directors. Offered each semester.

451  Independent Research and Writing (W)  Individual study in an area of interest relating to the environment. In cooperation with a supervising faculty member, student must devise a plan of research which includes a significant writing project. Student must present this preliminary research proposal to a faculty member in writing, and receive the faculty member’s approval of the topic and consent to provide instruction in writing appropriate to the subfield of Environmental Studies. Prerequisites: ENST 100, 110 and 120 (or Biology 217), declared minor in Environmental Studies, junior or senior standing, and consent of the supervising faculty member and the Environmental Studies Director. Offered each semester.

480  Senior Seminar: Creating a Sustainable Society (W)  An advanced analysis through a seminar format of a particular topic in Environmental Studies, selected in consultation with ES students in their junior year. Applying the subfield perspective they have acquired in earlier coursework, each student will research and write a substantial paper on the seminar topic and present his or her findings orally. Taken collectively, these individual works will provide a multidisciplinary analysis of the seminar topic. Prerequisite: Majors and minors with senior standing who have completed ENST 100, 110 and 120 (or Biology 217) and at least two ES-approved courses at the 300-level or above. Offered annually.

NOTE: For courses which receive credit in the Environmental Studies Program but are not cross-listed as ES courses, course descriptions may be found under the appropriate departments.
FINANCIAL SERVICES

See Accounting and Financial Services

FINE ARTS

100  Arts and Artists  A course which will explore the nature of artistic purpose from the perspective of the creator, performer and perceiver. The course will be taught by, therefore focused through, the viewpoints of the artist in music, art and theatre arts. Offered occasionally.

110  Film Aesthetics (AR)  This course will closely examine film as an item of popular culture and as a serious art form with the aim of developing an understanding of the language of film drawn from its narrative content and formal structure. Special attention will be given to the thematic elements of the film and the unique ways in which the narrative mode is given cinematic realization. Offered in alternate years.

397  Arts Management Internship (1-4 course units)  Prerequisites: consent of the appropriate fine arts director (art, music, theatre arts) one semester in advance of planned enrollment. Offered as needed.

FRENCH AND FRANCOPHONE STUDIES

Matthews, Callahan, Sheridan

See Literature and Culture Studies in English Translation beginning on page 218 for information on courses taught in English. French and Francophone majors seeking teacher licensure declare a second major in Secondary Education. Refer to the Educational Studies section in this catalog and the Teacher Education Handbook for further information (http://www.iwu.edu/edstudies/handbooks/).

Major Sequence in French and Francophone Studies:

Ten courses:
1) Intro to the Major: French 203
2) Advanced Language Studies: French 301 or 302
3) Literary Studies: French 303, 304, or 330
4) Humanities: French 315, 316, 317, 318, or 340
5) Social Science: French 310, 312, or 350
6) Advanced Language Study Abroad: French 360
7) Advanced Literary and Civilization Studies: French 405, 406, 407, or 408
8-10) Three electives at the 300 or 400 level.

A minimum of one semester of approved study abroad in France or a French speaking country is also required. Students wishing to pursue Research Honors in French & Francophone Studies should plan to enroll in French 499 either fall or spring of their senior year.

Minor Sequence in French and Francophone Studies:

Six courses:
1) Intro to the Minor: French 203
2) Advanced Language Studies: French 301, 302, or 360
3) Literary Studies: French 303, 304, or 330
4) Humanities: French 315, 316, 317, 318, or 340
5) Social Science: French 310, 312, or 350
6) Advanced Literary and Civilization Studies: French 405, 406, 407, or 408

*Placement test results or AP credit does not exempt students from taking the required number of courses for the major or the minor in French & Francophone Studies. Students testing into the 300 level should substitute a 300 level elective for French 203. Furthermore, of the 10 courses required for a major and the 6 required for the minor, a minimum of 6 courses for the major and 4 for the minor must be taken in residence at IWU.

101 Elementary French I
An introduction to the French language and culture that emphasizes the skills of listening, speaking and reading, and introduces students to writing. Primary emphasis is placed on oral communicative skills and on functioning in real-life situations in a French cultural context. Offered each semester.

102 Elementary French II
A continuation of language skills developed in 101, with exposure to more complicated grammatical concepts as well as cultural issues. Primary emphasis is placed on oral communicative skills and on functioning in real-life situations in a French cultural context. Prerequisite: 101 or equivalent. Offered each semester.

201 Intermediate French (LA)
This course continues the proficiency-oriented approach of the first year sequence. A distinction is made between review grammar and new material. In this way a bridge is made between the grammar at the elementary level and the greater control expected of second-year students. Prerequisite: 101 or equivalent. Offered each semester.

203 Composition and Conversation (G)
A course designed to expand reading and writing skills. Grammar instruction incorporates a close reading of texts including a full-length work. Several essays are required. French 203 emphasizes the development of narrative-level discourse, with increased control of complex sentences, hypothesizing, abstract reasoning and self-correction. Prerequisite: 201 or 202 or equivalent. Offered each semester.

301 Advanced Expression I: Oral Communication (CSI, G)
Development of linguistic skills at the advanced level with an emphasis on reading and speaking about contemporary French and Francophone cultures. Sources include a variety of authentic print, video, and audio materials or commentaries drawn from the French-speaking world. Prerequisite: 203 or equivalent. Offered in alternate years, fall.

302 Advanced Expression II: The Written Medium (W)
French 302 focuses on analysis and practice of various text types essential to culturally informed mastery of written French: portraiture, description, narration, essay, explication de texte, reviews. A third of the course is devoted to acquisition of the grammatical skills necessary to functioning at this stylistic level. Prerequisite: French 203 or equivalent. Offered in alternate years, fall.

303 Introduction to Literature I: The Individual and Society (L)
This course is designed to provide majors and minors in French with an introduction to the reading and study of great French literary works of all genres, spanning the Medieval to the contemporary post-modern period. In French 303, students examine works that focus on the theme of the individual and society, with an emphasis on developing advanced language skills through reading, discussing, and writing about literature. Prerequisite: French 203 or equivalent. Offered in alternate years, spring.

304 Introduction to Literature II: Ideals of Love (L)
This course is designed to provide majors and minors in French with an introduction to the reading and study of great French literary works of all genres, spanning the Medieval to the contemporary post-modern period. In French 304, students examine works that focus on the theme of ideals of love, with an emphasis on developing advanced language skills through reading,
discussing, and writing about literature. Prerequisite: French 203 or equivalent. Offered in alternate years, spring.

310 Business French (W) The course, taught in French, is designed for students who wish to learn specific business vocabulary and acquire experience in business writing procedures. It concentrates on translation from and into English, letters, precise writing and reports. It aims to enable students to cope with recurring situations in French business. Prerequisite: 203 or equivalent. Offered in alternate years, fall.

312 French Cinema (CSI, G) This course is designed to show the evolution of modern French and Francophone culture in relationship to cinema. Students will study the chronological development of French film from the Lumière brothers to the Nouvelle Vague, while studying particular themes such as sexuality, violence, urban tensions, historic representation and narrative adaptation. Course taught in French. Films shown will have English subtitles. Prerequisite: 203 or equivalent. Offered in alternate years, fall.

315 French Civilization I: Roman Gaul to the Renaissance (CHC) An overview of French civilization from pre-Roman Gaul to 1600 with a focus on the Carolinian Age and the Renaissance High Middle Ages. Topics include political history and developments in language, literature, art, architecture, music and the sciences. Students write a term paper and give an oral presentation. Prerequisite: 203 or equivalent. Offered occasionally.

316 French Civilization II: Renaissance to Revolution (CHC) An overview of French culture from 1650 to 1789 that examines political history of this period, as well as the development of its art, literature, and philosophy. Student evaluation based on short, focused essays, exams, and oral presentations. Prerequisite: French 203 or equivalent. Offered occasionally.

317 French Civilization III: France Since the Revolution (CHC, G) This course emphasizes cultural, political and aesthetic developments in France from the end of the enlightenment to the present featuring the periods of the Revolution, the Imperial eras, the Third Republic, modern and post-modern France. Prerequisite: 203 or equivalent. Offered occasionally.

318 French Civilization IV: The Francophone World (CHC, G) Offers students an overview of the post-colonial Francophone world. Examines the role of geography, history and current events as reflected in contemporary societal values and the sense of national identity. Topics covered will include the family, gender roles, the educational system, political organization, the state, religion, immigration and decolonization in countries such as Algeria, Morocco, Tunisia, Cameroon, Senegal, La Réunion and Martinique. Prerequisite: 203 or equivalent. Offered occasionally.

330 Studies in Literature Upper level courses in an approved study abroad program in French and/or Francophone literature. Readings and lectures are in French. Credit should be discussed with a member of the French and Francophone Studies faculty before departure. Prerequisite: 203 or equivalent.

340 Studies in Humanities Upper level courses in an approved study abroad program in Humanities, including art history, theater, gender studies, music, history, philosophy, and religion. Readings and lectures are in French. Credit should be discussed with a member of the French and Francophone Studies faculty before departure. Prerequisite: 203 or equivalent.

350 Studies in Social Science Upper level courses in an approved study abroad program in social sciences, including business, economics, history, political science, sociology, geography, and anthropology. Readings and lectures are in French. Credit should be discussed with a member of the French and Francophone Studies faculty before departure. Prerequisite: 203 or equivalent.

360 Advanced French Language Studies Upper level courses in French language in an approved study abroad program. These courses will contain advanced grammar
instruction and a strong writing component in addition to conversation and reading. Readings and lectures are in French. Credit should be discussed with a member of the French and Francophone Studies faculty before departure. Prerequisite: 203 or equivalent.

370 Special Topics Courses under this heading are designed to explore a wide variety of topics in French not part of the regular course offerings. All readings, lectures, and discussions will be in French. Students may receive credit for this course in an upper-level French course taken in an approved study abroad program. Credit should be discussed with a member of the French faculty before departure. Prerequisite: 301 or equivalent. Offered as needed.

397 Internship Opportunities for students to apply linguistic and cultural skills in a professional context in a wide variety of professional areas and locations including local, domestic, and international sites. Prerequisites: language proficiency at the 302 level. Offered as needed.

405 Studies In Medieval and Renaissance Literature (LIT) This course surveys the major literary movements in France from the 12th through the 16th centuries and sets them in their social and historical context. The medieval period will cover lyric, romance, fabliaux and theatre, and for the Renaissance, will examine Rabelais, the poetry of the Reformation and the Péléade, and Montaigne. The tension between continuity and renewal will be highlighted throughout. May be offered as a senior seminar. Prerequisite: 301 or 302 or 303 or 304 or equivalent. Offered occasionally.

406 Studies in Seventeenth and Eighteenth-Century Literature (LIT) An exploration of literature generated during a transitional period in the development of French culture. Typically offered as a Senior Seminar, this course affords students the opportunity to examine French literature in depth from the period 1615-1815 through a canonical and non-canonical works. Prerequisite: French 301 or 302 or 303 or 304. Offered occasionally.

407 Studies in Nineteenth and Twentieth-Century Literature (LIT) A lecture and discussion course on the historical and aesthetic evolution of French literature in the 19th and 20th centuries. The prose, theater and poetry works of great authors, poets, and playwrights will be explored within the sociopolitical framework of 19th and 20th century France. Prerequisite: French 301 or 302 or 303 or 304. Offered occasionally.

408 Studies in Francophone Literature (LIT, G) French 408 covers the historical and aesthetic evolution of Francophone literature of French-speaking Canada, Africa, and the Caribbean. The creative works of authors will be explored in the sociopolitical framework of colonization and decolonization. Attention will also be given to the development of literature as it is shaped by great artistic movements, historical events, and sociocultural upheavals in the Francophone world. Prerequisite: French 301 or 302 or 303 or 304. Offered occasionally.

499 Independent Study Independent reading, writing, or project related to the advanced study of French language, culture or literature. Prerequisite: departmental approval and instructor's consent. Offered as needed.

GATEWAY COLLOQUIUM

Duke, Coordinator

Gateway Colloquia are small, discussion-oriented classes designed to develop students’ proficiency in writing academic and public discourse. Although each colloquium investigates its own issue or question, all focus on writing as a major component of intellectual inquiry. Students are expected to participate in discussion and to analyze, integrate and evaluate competing ideas so as to formulate their own arguments about an issue. Topics will vary by section. Students must
complete a Gateway Colloquium by the end of the freshman year.

100  Gateway Colloquium  In keeping with the overall goals of the General Education program, in particular the goals of developing students’ proficiency in writing and its use as a means of discovery and understanding, and of developing students’ capacities in critical thinking, independence, and imagination through active learning, Gateway Colloquium seminars seek to: introduce students to the process of intellectual inquiry and develop students’ critical thinking skills; develop students’ ability to evaluate competing ideas and experiences; develop students’ skills in the conventions and structures of presenting knowledge in written academic and public discourse, and in strategies for effective revision; engage students in learning activities that prepare them for academic life in the University. Current listings will be available for entering freshmen at the time of orientation and registration. Offered each semester.

GEOLOGY

Geology is the scientific study of the solid earth, including interactions with the surrounding air and water. In addition to its academic nature, geology has applications ranging from site selection, hazard estimation and mitigation, to exploration and production of water, fuels, ores, gems, and building materials.

The aim of the geology courses is to teach students from all disciplines not only about earth processes and history, but also about the development of scientific knowledge, including its strengths, weaknesses, and limitations; the origin of earth resources such as groundwater, ores, fuels, and soils and their present and past importance in society; and the geological reality and uncertainty underlying many social and political issues such as the availability of water resources and hazards of earthquakes. Geology is an integrative science that relies on physics, chemistry, and biology. Geology courses are taught assuming a general, high school knowledge.

101  General Geology (1.25)(PSL)  A descriptive overview of rock-forming components and processes. Three hours lecture and two hours laboratory per week. Offered occasionally.

110  The Geology of Southern Utah (1.25)(PSL)  An introduction to geologic processes, emphasizing those which have left their mark on Southern Utah. Travel to Utah to study geologic formations at Timpanogos Caves, and Zion, Bryce, Capitol Reef, and Arches National Parks. Lecture and Lab daily. Consent of instructor required. Offered in May Term.

GERMAN STUDIES

Balina, Woodis

The German Studies major and minor are interdisciplinary programs that allow students—through on–and off–campus experiences—to engage deeply with a multiplicity of aspects important to life and society in the German-speaking world, while sharpening language proficiency and interpersonal communication skills. See the Program Website for details.

The University’s second language proficiency requirement is outlined in the General Education section of this Catalog on page 101. Students who studied German in high school are strongly encouraged to take a placement test at the beginning of their first year. Students interested in continuing their language study should contact the program advisor as early as possible.

Study Abroad programs are offered throughout International Office. A
semester of study abroad is required for the German Studies major and highly recommended for the minor. Internships are also available.

See Literature and Culture Studies in English Translation beginning on page 218 for information on courses taught in English.

**Major Sequence in German Studies:**
A minimum of ten courses (for students exempted from 201 and/or 202, also ten courses). The following courses must be taken:
1) German 201 or equivalent
2) German 202 or equivalent (202 cannot be taken abroad without special permission)
3) German 230
4) German 310 or 312
5) German 330, 350, and 360 to be taken abroad in a German-speaking country
6) Select one from German 310, 312, 340, 370, or 387
7) German 418 or 488
8) Additional courses from 6) and 7) above as needed
9) Senior Thesis: German 490

**Minor Sequence:**
A minimum of six courses, three of which must be taken at IWU (and not abroad). Students exempted from 201 and/or 202 are also required to take six courses.
1) German 201 or equivalent
2) German 202 or equivalent (202 cannot be taken abroad without special permission)
3) German 230
4) German 310 or 312
5) Two courses from German 310, 312, 330, 340, 350, 360, 370, 387, 418, or 488
6) Additional courses from 5), as needed

Students may elect to take the equivalent of German 102 or 201 in Bremen during May Term of freshman year.

**101 Beginning German I: For the Workplace**
Develops basic skills in speaking, listening, reading and writing using basic vocabulary and cultural concepts that are specific to everyday life, the university and the working world. An emphasis is placed on intercultural communication skills. The course is designed for those interested in studying, living and/or working in German-speaking countries or those who wish to conduct business with companies that speak German. This course is the first in the language series designed to complete the foreign language requirement. *Offered each fall.*

**102 Elementary German II**
Further develops basic skills in speaking, listening, reading and writing. By the end of the semester, students will have read a variety of texts, and be able to express their likes, dislikes, and interests in German. The class also further increases cultural literacy with primary emphasis on everyday life skills and intercultural communication skills, with some workplace knowledge. Prerequisite: 101 or equivalent. *Offered each spring.*

**201 Intermediate German I (LA)**
Emphasis on intermediate speaking, listening, reading and writing skills, with a continued focus on intercultural communication skills. Students will read a variety of texts, including literature, fairy tale, art, poetry, advertising,
popular song lyrics, newspaper articles. Topics include Goethe, the Grimm brothers, the green movement, immigration/migrant literature. Continued focus on intercultural communication skills. Prerequisite: 102 or equivalent. Offered each fall.

202 Intermediate German II (G) Emphasis on intermediate speaking, listening, reading and writing skills, with a continued focus on intercultural communication skills. Students will read a variety of texts, including literature, fairy tale, poetry, popular song lyrics, oration, film. Topics include the politics of music in the twenties/thirties, the modern history of Germany, Switzerland, and Austria, Paul Celan, the Holocaust. Prerequisite: 201 or equivalent. Offered each spring.

230 German for Human Rights (AV) A level-appropriate introduction to the major contributions by German-speaking countries to the development and shaping of the field of Human Rights. Course material will include philosophical approaches, Dietrich Bonhoeffer, John Rabe, the Nuremburg trials, Expellees, Baader-Meinhof, amnesty seekers/guest workers, policy within the European Union, and examples of contemporary Human Rights work, among other topics. Students will learn how to speak about Human Rights issues in German and will learn advanced Grammar while doing so. Prerequisite: GER 202 or equivalent. Offered in alternated years in the Fall.

310 German Business Culture This course provides the student with an overview of the kinds of language usually encountered in the German workplace. Students will build vocabulary by practicing reading, writing, listening, and speaking on topics that pertain to working in a German-speaking country. The course will also review grammatical points that are pertinent to the topics covered. Throughout the course, students will also learn about the types of German companies, telephone and meeting etiquette, business travel, trade fairs, import/export with German companies, business letter structure, resumés, and interviewing. All coursework is done in German. Prerequisite: 202. Offered in alternating years, Spring Term.

312 Introduction to German Literature (LIT) Introduces students to post-1750 German literature with a variety of readings from various genres, including poetry, drama, short story, novella, and novel. In addition, students are introduced to relevant literary theory. Emphasis is placed on the development of critical reading and thinking skills and on the interpretation of literature. All lectures, materials, and discussions are in German. Prerequisite: GER 230. Offered in alternating years, Spring Term.

330 Studies in Literature and Humanities Upper level courses in an approved study abroad program in the literature or the humanities category, including art history, theater, gender studies, music history, philosophy, religion. Readings and lectures are in German. Credit should be discussed with a member of the German faculty before departure.

340 Deutsche Romantik (IT) Readings, assignments in German; lectures in English with LC 112. The course explores German Romanticism in literature, philosophy, and music. One Wagner opera and the influence of Romanticism on German nationalism, Nietzsche, and Thomas Mann will be discussed. Readings include Schlegel, Fichte, Heine, Kleist, Romantic women, E.T.A. Hoffmann, and Robert Schumann. Prerequisite: 312. Offered in alternating years.

350 Studies in Social Science Upper level courses in an approved study abroad program in the social science category, including business, economics, history, political science, sociology, geography, anthropology. Readings and lectures are in German. Credit should be discussed with a member of the German faculty before departure.

360 Advanced German Language Studies An upper level German language course taken in an approved study abroad program. This course will contain a strong writing component in addition to practice in reading and conversation. Credit should be discussed with a member of the German faculty before departure.

370 Special Topics in German Studies Courses under this heading are designed
to explore a wide variety of topics in German Studies not part of the regular course offerings. All readings, lectures, and discussions are in German. Prerequisite: 312. Offered occasionally.

387  Revolutionäres Drama (LIT) Readings and assignments in German; lectures and discussion in English with LC 110. Plays focusing on political rebellion or a revolution in ideas will be explored with the help of historical background, film versions, and drama theory (classical drama, epic drama, documentary drama). Includes plays by Goethe, Schiller, Büchner, and Brecht. Prerequisite: 312. Offered in alternate years.

397  Internship An opportunity where language and cultural skills in German can be applied in a professional context. Placement in local, national and international sites. Prerequisites: language proficiency at the 301 level. Offered as needed.

418  German Culture Since 1945 (CHC) The course introduces students to important cultural debates since World War II, instructs them in an advanced level of German language skills, and teaches information literacy via the process of researching and writing a college-level research paper in literary and cultural studies. The course includes a variety of literary genres and forms and film. Prerequisite: 312. Offered in alternate years.

488  Von Demokratie zur Diktatur (LIT) This course addresses the influential works, theories, and debates in the literature and film of the Weimar Republic and National Socialist Germany (1918-1945). Special emphasis will be placed on the interaction between literature/film and politics. Topics typically include Expressionism, New Objectivity, Epic Theater, the New Woman, Censorship, Exile Literature, Anti-Semitism and the Holocaust, Popular Literature/Film, and Rubble Literature. All lectures, materials and discussions are in German. Prerequisite: 312. Offered in alternate years.

490  Senior Project (W) Arranged in consultation with individual members of German Studies. The Capstone experience for German majors and open to advanced minors. An intensive study of a particular topic, author/director, or genre culminating in a research paper. Prerequisite: Senior standing and the completion of at least four 300 or 400 level courses in German. Offer as needed.

499  Independent Study Students will write a major research paper under the close supervision of a faculty member. This course counts as one of the required literature courses for the major, but cannot replace 407 or 488. Prerequisite: consent of instructor. Offered as needed.

GREEK

Sultan

See Modern Languages and Literatures description beginning on page 227 for general information about language programs.

101  Beginning Ancient Greek I First course of basic sequence; no prior knowledge expected. Grammar and vocabulary building through short sentence practice and drill. Discussion of Greek culture and society. Offered every fourth semester.

102  Beginning Greek II Completion of basic grammar and introduction to reading texts. Prerequisite: Greek 101 or by placement. Offered the semester following 101.

201  Intermediate Greek (LA) Selections from several authors, mainly of narrative and dialogue, to be read both as an introduction to the variety of Greek styles and for practice in translation and review of grammar. Texts may include selections from Greek tragedy, Thucydides, Xenophon, Plato, Aristotle, and the Greek New Testament. Prerequisite: Greek 102 or equivalent. Offered every 3rd semester, following 102.

399  Independent Study Directed reading of Greek at the fourth semester level. Text will be chosen by students in consultation with instructor. Prerequisite: Consent of instructor. Offered as needed.
GREEK AND ROMAN STUDIES

Sultan, Sullivan, Coles

The Greeks and Romans carried their ideas from Britain to Sudan and from Portugal to Iran, fusing indigenous traditions with their own, thereby creating a remarkably diverse and yet culturally distinct world. The western imagination is rooted in this foundation, historically providing inspiration in all aspects of life, including language, literature, law, art, architecture, politics, philosophy, music, and theatre, as well as notions of nationality, gender, and race.

GRS is an interdisciplinary program designed to provide students with linguistic skills through the study of the Greek and Latin languages, as well as an in-depth knowledge of the history and culture of Greece and Rome. Students will be prepared to further their interests in language, literature, and history at the postgraduate level, whether in this field or others, including medicine, education, law, public service, journalism, publishing, library science, theology, and more.

A Major and Minor are offered. Students intending to major or minor in GRS should consult with the Director to determine the best course plan for their needs and time, since not all courses are offered each semester. Only courses in which students earn a “C” or higher may be included in the major or minor.

Study abroad and archaeological field work opportunities are available and strongly encouraged. Some requirements may be satisfied abroad. Approved study abroad programs include: The College Year in Athens, Arcadia in Greece, Bilkent University in Turkey, Summer Session at the American School of Classical Studies in Athens, the American University in Rome and others.

**Major Requirements:**
10 courses, 4 upper-division (300-400 level), to include:
- a) Language (1)
  Intermediate Greek or Latin 201 (prerequisite 101 and 102 or placement)
- b) Foundations (1 course)
  HUM WoI 101 or History 120
- c) History (2 courses)
  History 212 and 214
- d) Literature/IT (1 course)
  GRS/REL 210 Greek Myth/Hero
- e) Art/Archaeology (1 course)
  GRS 307, GRS/HIST/ART 309, GRS/HIST/ART 311, or GRS 270/370 (archaeology focus)
- f) GRS 499 Senior Research

**Three or more ELECTIVES (2 upper division) for a total of 10 courses**
Greek or Latin 399
ART/GRS/HIST 309
GRS 270/370; 212; 214; 277; 307; 311; 312
HIST 219; 311; 316; 318
REL 221; 223; 323; 325
PHIL 280
PSCI 315

**Minor Requirements:**
5-6 courses, one at the 300-level or above:
1. Students will complete one of the following options in either Greek or Latin:
   a.) no prior language coursework: 101 and 102
   b.) placement into second semester: 102 and 201
   c.) placement into third semester: 201
   d.) placement out of third semester: one elective from C, below

2. Two Required Courses:
   a.) GRS 210
   b.) HIST 212 or HIST 214

3. Two or more courses from the following (1 at 300-level or above):
   Greek 201 or above
   Latin 201 or above
   ART/GRS/HIST 309
   GRS 270/370; 212; 214; 277; 307; 311; 312; 499
   HIST 120; 212; 214; 219; 311; 316; 318
   PHIL 280
   PSCI 315
   REL 221; 223; 323; 325
   HUM WoI 101

GRS 210  Greek Myth & the Hero (IT) (Cross-listed with REL 210)  In our society, “myth” is often perceived as “storytelling” that has an element of falsehood built into it. For archaic Greek society, like many traditional societies that operate on ancestral principles, myths are the ultimate way of encoding truth values. Storytelling, therefore, is not just entertainment; it is a set of patterns set up by a specific society that gives the members of that culture a sense of their own identity. In this course we will begin to understand how the storytelling traditions of Greece establish social order and define what it means to be truly civilized. Offered annually.

GRS 212  Greek Drama and Society (LIT, W)  In this course we will survey works by three great ancient Greek tragic playwrights: Aeschylus, Sophocles, and Euripides. We will examine the structure, style and significance of the ancient plays in context, as well as modern adaptations and interpretations. Students will have an opportunity to perform a staged reading of select scenes. Offered alternate years, spring.

GRS 214  Greek & Roman Comedy (LIT)  In this course we will survey works by four great ancient comic playwrights of Greece and Rome: Aristophanes, Menander, Plautus, and Terence. We will examine the structure, style, and significance of the ancient plays and the modern adaptations and interpretations. Students will have an opportunity to perform a staged reading of select scenes. Offered in alternate years, spring.

GRS 270/370  Special Topics  Courses under this heading are designed to explore a wide variety of special topics that are not covered under any other course number: history of science, ancient medicine, ancient music, or women in antiquity, to name a few examples. Students may elect to take this course either at the 200 or 300 level. Additional assignments required for students enrolling in 370. This course may be repeated if content is not duplicated. Offered occasionally.

GRS 277  Greek/Latin Literature in Translation (LIT)  Great works of literature from classical antiquity studied in English translation. Readings will be selected from Greek or Latin poetry, prose, and drama and will typically vary from year to year. Course may be applied to the minor in classical studies and may be repeated for credit if course content is not duplicated. Offered occasionally.

GRS 307  In Search of Troy: The Art and Archaeology of Bronze Age Greece (AR) (Cross-listed with ART 307)  A slide-illustrated examination of the archaeology of
Greece in the Bronze Age (c. 3000-1100 B.C.), focusing on the art, architecture, and other physical evidence of the Minoan and Mycenean cultures on the mainland, cycladic islands, Crete, and Asia Minor (Troy). Do the heroic myths of the Greeks cloud or enrich our understanding of early Greek culture? How far has the profession come since 1868 when wealthy amateur archaeologist Heinrich Schliemann, believing the accounts of Homer, found Troy at Hissarlik, Turkey? Offered occasionally.

GRS 309 Greek Art from Homer to Alexander (AR) (Cross-listed with ART 309 and HIST 309) A survey of cultural artifacts and monuments of ancient Greece from the “Age of Homer” (Bronze Age) to the “Age of Alexander” (Hellenistic Period). The goal is to develop an understanding and appreciation of Greek artistic expression, its influences, and its impact on Western art and thought. Course includes a field trip. Offered in alternate years, fall.

GRS 311 Art and Architecture of the Roman World (AR) (Cross-listed with ART 311 and HIST 311) This course follows the development of the forms and ideologies of Roman art from the republic to late antiquity. The issues to be discussed will include public and private and civic and religious art and architecture, urban planning, and the interaction of Roman art forms and provincial cultures in the forging of identity. Offered alternate years with GRS/ART/HIST 309.

GRS 312 Sex & Gender in Ancient Greece & Rome (CHC, W) This course examines issues of sex, sexuality, and gender in the ancient societies of Greece and Rome through the study of literature, art, and science. We will investigate the representation of sexuality and gender cross-culturally over time to learn what we know, and what we can’t know, about the role they play in ancient Greek and Roman culture and society. Offered in alternate years, fall.

GRS 318 Blood Rites and Mystery Cults (CHC) (Cross-listed with HIST 318 and REL 318) Ancient Roman religion was uniquely open to foreign influence while respecting its own customs. This course will examine how the Roman people demonstrated this quality as they adopted or adapted new religious ideas and traditions from the beginnings of the Roman monarchy in 753 BCE to the fifth century CE. Offered occasionally.

GRS 499 Independent Study (W) A major research project related to the study of classical language, culture, or literature under the close supervision of a faculty member. Prerequisite: consent of instructor. Offered as needed.

HEALTH
Folse, Coordinator

Health is a continuous balancing of the physical, emotional, social, intellectual, and spiritual components of an individual that contribute to well-being. The meaning of health to individuals and groups is shaped by societal norms and values and by the options and barriers to health within a society. Health education is a critical factor in determining one’s own future as well as an essential part of a liberal arts education. Control over health is enhanced by knowledge about how multiple factors affect health. Health can be influenced by the availability and accessibility of health care services and by the need to accept responsibility for health on individual, societal, and global levels.

Health courses are designed for University students pursuing any field of study to prepare individuals to act knowledgeably as agents of self-care, to exercise decision-making as consumers of health care, and to understand health issues affecting a global society.

A health minor is also available. This minor places emphasis on the individu-
al’s understanding of health issues and self-care practices and choices. This latter focus is consistent with a philosophical view of health espoused by the School of Nursing faculty. While an emphasis is placed on the individual’s personal lifestyle, a view of the importance of health at the societal level is also addressed.

**Minor Sequence:**
This minor consists of a minimum of five course units, including:
1. One course unit from the following: Psychology 100, 253; Sociology 305; Biology 110, 117
2. All of the following: Health 280, 300, 330
3. At least one course unit from the following: Health 230, 297, 301, 310, 350, 351, 370, 397.

101 **Introduction to Public Health (LSI, U)** Concepts including population-based tools for evaluation and promoting health, trends in mortality and burden of disease, health disparities among vulnerable groups, and strengths or limitations of U.S. health care and public health systems. Lessons from past, current and emerging public health issues will be examined. *Offered occasionally.*

230 **Human Nutrition (LSI)** Introduction to principles of nutrition that affect health promotion, health maintenance, and illness prevention throughout the life cycle. The nutritional requirements of individuals with special needs are also considered. *Offered at least annually.*

252 **Independent Study** Individual study, on the topic of special interest related to health or healthcare under the guidance of faculty. May include observational experience on-campus, in the community, or in another country related to the chosen topic. Students must register with a specific instructor. May be taken in more than one semester, but limited to two course units. Prerequisite: Permission of the Director, School of Nursing. *Offered each semester.*

280 **Perspectives in Global Health (G)** Explores global health issues across different world regions, including measures of health status, burden of disease, and health disparities. Analyzes cultural, economic, and political influences on health practices, public health, and healthcare systems. Investigates strategies to prevent and control disease and examines roles of key global health organizations. *Offered annually.*

297 **Internship in Health (.75 or 1)** Internship experience coordinated with academic, independent study is planned according to student interest(s). A variety of settings in which health and health knowledge are leading factors in daily operations is available. Actual site selection is coordinated between the student and the Director of the School of Nursing or her designee. May be taken more than once semester but limited to two course units. Prerequisite: Consent of the Director of the School of Nursing. *Offered each semester and May term.*

300 **Achieving Wellness: Issues and Choices** An analysis of those factors affecting individual control of health. Students explore self-care health principles of detecting illness, major threats to health and alternatives to care. Emphasis is placed on the wide range of options available to each individual, within and outside the traditional health care system, when making informed decisions regarding personal health. *Offered annually.*

301 **Stress Management** Emphasis upon understanding the body’s physiological and psychological responses to stress, recognition of the manifestations of stress, and exploration of adaptive and maladaptive methods of coping with stress. *Offered occasionally.*

310 **Special Topics in Health** A group of courses exploring and analyzing current issues in health. Most examine the impact on the individual and society. Examples include Disaster Preparedness. See current Program of Classes to determine if this course fulfills
general education requirements. Offered occasionally.

330  **Human Sexuality (AV)**  Investigation and evaluation of knowledge, attitudes, and values pertinent to issues in human sexuality. The course focuses upon personal, interpersonal, ethical, and medical aspects of sexuality throughout the life cycle. Offered at least annually.

350  **Drug Abuse: The Individual and Society (AV)**  Exploration of the physiological, psychological, and sociological implications of drug use and addictive behavior on the human body, family, and society. The focus is on analyzing ethical issues related to drug use in society and identifying knowledge, attitudes, and values affecting individual choices. Offered occasionally.

351  **Abuse in America (AV)**  This course is a study of abuse, utilizing a theoretical framework to examine the societal norms and values that influence the pervasiveness of child abuse, intimate partner violence, sexual assault, elder abuse, and human trafficking. This course focuses on the manifestations of abuse and treatment of the victim and the abuser, as well as prevention and resolution of abuse. Offered in alternated years, May Term.

352  **Independent Study**  In-depth examination on a topic of special interest related to health or healthcare under the guidance of faculty; including completion of a scholarly paper or project approved by the supervising faculty. May include observational experiences on-campus, in the community, or in another country related to the chosen topic. Students must register with a specific instructor. May be taken in more than one semester, but limited to two course units. Prerequisite: Permission of the Director, School of Nursing. Offered each semester.

370  **Women’s Health**  An exploration of various health issues that are either unique to women or of special significance to women of all ages will be examined using current research findings. Culture, ethnicity, and socioeconomic status factors influencing women’s roles as consumers/providers of health care in the United States will be explored. Offered occasionally.

397  **Internship in Health (.75 or 1)**  Internship experience coordinated with academic, independent study, is planned according to student interest(s). A variety of settings in which health and health knowledge are leading factors in daily operations is available. Actual site selection is coordinated by the Director of the School of Nursing or her designee. A project/paper is required. May be taken more than one semester but limited to two course units. Prerequisite: Consent of the Director of the School of Nursing. Offered each semester and May term.

452  **Independent Study**  Individual research and study in an area of special interest related to health or healthcare. The student must devise the study project in conjunction with faculty. Prerequisites: Senior standing and permission of the Director, School of Nursing. Offered each semester.

**HISPANIC STUDIES**

Isabelli, Ferradáns, Flores-Rodriguez, Nadeau, Parra, Valverde

The Department of Hispanic Studies at Illinois Wesleyan University introduces students to the Spanish language as it is used in Spain and in the Americas. In addition to language and linguistics at all levels, our program offers study in literature and cultural history. The courses in cultural history stress the connections between literature, the other arts, and the sociopolitical environment from which they emerge. Literature courses sharpen analytical skills and foster greater sensitivity to particular cultural issues and their more broadly human and uni-
universal implications. Hispanic Studies majors who seek teacher licensure declare a second major in Secondary Education. Refer to the Educational Studies section in this catalog and the Teacher Education Program Handbook for further information (http://www.iwu.edu/edstudies/handbooks/).

The general purpose of the Basic Sequence Spanish courses is tri-fold: to develop the four basic language skills of speaking, reading, listening, and writing; to develop an understanding of the nuances of Hispanic cultures; and to help students recognize and use elements of Spanish to increase knowledge of their own language. Students are encouraged to begin basic language sequence (101, 102, 201) at a level determined by placement tests in August of their first year.

Students who complete the minor program should be able to demonstrate: 1) an intermediate level of oral skills in both speaking and comprehension, 2) the ability to write, constructing an extended argument with analysis of historical or literary texts, and 3) an understanding of the variety of Hispanic cultures around the globe.

Upon completion of a major, students should demonstrate: 1) an intermediate-high or advanced proficiency in written and spoken Spanish, 2) a complex awareness of issues of cultural difference, 3) comprehension of linguistic components of the Spanish language 4) critical analysis of literary works in Spanish and, 5) an appreciation for the aesthetic and intellectual currents of the Hispanic world. The major sequence lists minimum requirements only: students are encouraged to strengthen their program of study by taking additional upper-level courses. In particular, one should seek a balance between courses dedicated to Spain and to Latin America, striving for a broad knowledge of issues on both sides of the Atlantic.

Study abroad programs are available through affiliated colleges and universities. They are selected by the student with a faculty advisor according to the student’s individual needs, goals, and abilities.

**Major Sequence:**
Ten Hispanic Studies courses beyond the basic language sequence including:
1) Spanish 303
2) Spanish 307
3) Spanish 308
4) Spanish 314
5) Spanish 316
6) Two courses at the 400-level (one of them must be a literature course)
7) A minimum of one semester abroad
8) Three electives beyond the basic sequence

**Minor Sequence:**
Six Hispanic Studies courses beyond the basic language sequence including:
1) Spanish 303
2) Spanish 307
3) Spanish 308
4) One cultural history course from 314, 316, or 320
5) Two electives beyond the basic sequence

*Hispanic Studies Minors are strongly encouraged to participate in IWU’s Spain Program in the spring of their sophomore year.*
Hispanic Studies for Nursing Majors:
(See Spanish language study for Nursing Majors.)
Six Hispanic Studies courses beyond the basic language sequence including:
1) Spanish 230
2) Spanish 303
3) Spanish 307
4) Spanish 308
5) Two electives beyond the basic sequence

Hispanic Studies for Business Majors:
Six Hispanic Studies courses beyond the basic language sequence including:
1) Spanish 303
2) Spanish 307
3) Spanish 308
4) OCSP 250 (taken on the IWU Spain Program)
5) OCSP 322 (Taken on the IWU Spain Program)
6) One elective beyond the basic sequence

101 Elementary Spanish  An introduction to the Spanish Language and culture that emphasizes the basic language skills of listening, speaking, reading, and writing. Primary emphasis is placed on interpersonal and presentational oral skills and on functioning in real-life situations in a Spanish-language cultural context. Taught in Spanish. Offered each spring.

102 Elementary Spanish II  A continuation of basic language skills developed in 101, with exposure to more complicated structural forms as well as cultural issues. Primary emphasis is placed on interpersonal and presentational oral skills and on functioning in real-life situations in a Spanish-language cultural context. Taught in Spanish. Prerequisite: 101 or equivalent. Offered each fall.

201 Intermediate Spanish (LA)  This course continues the proficiency-oriented approach of the Beginning Spanish sequence. It is designed to strengthen the basic language skills introduced in 101 and 102 with an emphasis on interpersonal and presentational oral skills. Students have to attend one weekly conversation session. Taught in Spanish. Prerequisite: 102 or equivalent. Offered each semester.

203 Conversation and Composition (G)  This course reviews Spanish structural forms and builds vocabulary in the context of developing speaking, listening, reading, and writing skills, and examines the diverse Spanish-speaking cultures. In-class time focuses of the development of interpersonal and presentation skills, while out-of-class time will be directed toward the development of interpretative skills. Prerequisite: 201 or equivalent. Offered each fall.

230 Medical Spanish and Cultural Competency for Health Care (U)  This course is designed for students planning to work in health care and who want to acquire more skills in medical Spanish. We will discuss Hispanic culture in the U.S., particularly how it relates to health care. Students will participate in an informal internship at a local community clinic. Prerequisite: 201 or equivalent. Offered each spring.

240 Spanish for Social Justice (U)  Students develop language skills and cultural competency for situations that focus on social justice. Fieldwork in one of the following areas: immigration, housing, education, employment and voter rights is a key part of the course. Prerequisite: 201 or equivalent. Offered alternate years, fall semester.

273 Translation: Principles and Practices  This course focuses on the practical approach to the acquisition of English-Spanish translation skills of business, technical,
scientific, legal, journalistic, and literary texts and deals with a variety of translation issues such as cultural differences, register and dialect, grammatical differences, and genre. Prerequisite: 201 or equivalent. Offered in alternate years, Spring Term.

300  Intensive Language Studies (OCSP only)  When taken abroad in an approved program. This course should be an intensive practice of intermediate/advanced oral and written communication skills in the language. Credit should be discussed and approved by the department chair before departure. Prerequisite: 203 or equivalent. Offered each semester.

302  Advanced Conversation  Practice of advanced oral communication strategies such as registering complaints, responding to opinions, and managing a discussion. Prerequisite: 203 or equivalent. Offered occasionally.

303  Advanced Grammar and Composition (W)  Thorough review of basic problems of grammar and vocabulary with focus on nuances of word choice. Study of all tenses of the subjunctive. Writing assignments increase in complexity and length, involving comparison and contrast, hypothetical argument, and literary analysis. Prerequisite: 203 or equivalent. Offered each semester.

305  Travel Seminar  Travel with a faculty member to countries in which Spanish is spoken. Will include independent projects, a daily journal, and field trips to cultural monuments, museums, and other sites of interest. An experience in linguistic and cultural immersion. Prerequisites vary. Offered occasionally.

307  Reading and Writing Culture (W, G)  In this assignment-based course, students will strengthen reading and writing skills in Spanish through a variety of cultural texts; use writing as a tool for discovery, and explore research paths beyond the basics (accessing authoritative, quality information; using information ethically, and understanding MLA-style conventions) Prerequisite: 303 or equivalent. Offered each semester.

314  Iberian Culture and Civilization (CHC)  Cultural history of the Iberian Peninsula from the early Celtic settlements to the present, including medieval Arab Spain, the Golden Age, Romanticism, the Avant-garde, the Spanish Civil War and the transition to democracy. Emphasis on the artistic achievements of these periods and their sociopolitical contexts. Prerequisite: 303. Offered each fall semester.

316  Latin American Culture and Civilization (CHC)  Cultural history of Latin America, from pre-Columbian times to the present, including the main indigenous cultures, the Colonial period, the wars of Independence, changing US relations, the Cold War, transnationalism and globalization. Emphasis on cultural production in social, political, economic and historical contexts. Prerequisite: 303. Offered each spring semester.

320  Studies in Cultural History (CHC)  An in-depth study of a historical period that produced a burst of artistic and literary creativity within the Spanish-speaking world, such as the Mexican Revolution of 1910 or Arab-Medieval Spain. Topics vary. May be repeated as topics change. Prerequisite: 303. Offered each spring.

330  Topics in Hispanic Studies (OCSP only)  Taken abroad in an approved program. Subject matter might include anthropology, economics, history, literature, political science, or other. Credit should be discussed and approved by the department chair before departure. Prerequisite: 303. Offered each fall semester.

350  Topics in Hispanic Studies (OCSP only)  Taken abroad in an approved program. Subject matter might include anthropology, economics, history, literature, political science, or other. Credit should be discussed and approved by the department chair before departure. Prerequisite: 303. Offered each spring semester.
360  Studies in Media and Film (AR, G)  Analysis of main aesthetic, cultural and philosophical questions in the Hispanic world as articulated in film and media. Topics may vary. Prerequisite: 303 or equivalent. Offered occasionally.

373  Introduction to Spanish Linguistics (FR)  Examines Spanish language as a functional system of communication. Emphasis is on general principles of linguistic analysis: sound, form, order and on linguistic changes related to temporal, regional and social pressures. Prerequisite: 303. Offered alternate years, fall semester.

397  Internship  Opportunities to apply linguistic and cultural skills in a professional context in a wide variety of professional areas and locations including local, domestic, and international sites. Prerequisite: 303 and consent of instructor. Offered as needed.

403  History of the Spanish Language (CHC)  Discusses the origins and development of the Spanish language in the context of cultural and political movements of the Iberian Peninsula in different eras, and in the colonial era in Latin America. Focus on the development of Spanish phonology and lexis through history. Prerequisite: 308. Offered alternate years, fall semester.

408  Early Spanish Literature (LIT)  An introduction to medieval and early modern texts, which may include the twelfth-century Cantigas, the epic (El Cid), Cervantes and Don Quijote, and the masters of the Baroque (Góngora, Quevedo, Lope de Vega, and Calderón). Authors and topics vary. Prerequisite: 308. Offered alternate years, fall semester.

418  Modern Spanish Literature (LIT)  Representative authors, genres, and/or literary movements of nineteenth and twentieth century Spanish Literature, including the Romantics and the Generations of 1898 and 1927. Authors and topics may vary. Prerequisite: 308. Offered alternate years, spring semester.

468  Topics in Latino/a Literature (LIT, U)  This course analyzes the literary production of Latinos/as in the United States from the 1980s to the present with particular attention to questions of gender, ethnic, linguistic, class, racial and cultural differences. We will read works by Julia Álvarez, Richard Rodriguez, Gloria Anzaldúa, Sandra Cisneros, and others. Prerequisite: 308. Offered occasionally.

470  Special Topics in Hispanic Studies  Focuses on a variety of literature or linguistic topics related to Spanish-speaking communities. Specific topics may include a single author, a broad theme like anti-slave narrative, language in society or languages in contact. May be repeated if subject matter is not duplicated. Prerequisite: 308. Offered occasionally.

478  Latin American Literature. Short Narrative and Essay (LIT)  Concentrates on modern short stories, novellas or essays by Borges, García Marquez, Valenzuela and others. Authors and topics vary. Prerequisite: 308. Offered alternate years, fall semester.

488  Latin American Literature. The Novel (LIT, G)  Emphasis given to major figures such as García Márquez, Fuentes, Vargas Llosa, and Allende. Authors and topics vary. Prerequisite: 308. Offered alternate years, spring semester.

499  Independent Study  A project related to the advanced study of Spanish language, culture, or literature. Intended for majors who desire to investigate an area in depth. Students will write a major research paper under the close supervision of a faculty member. SPAN 499 can only be used as an elective for the major. Prerequisite: consent of instructor. Offered as needed.

HISTORY

Weis, Coles, Horwitz, Lutze, A. Schultz, R. Schultz, Young

History is by nature interdisciplinary. It attempts to understand all facets of the past, both for their own sake and for the light they shed on our present
condition. The study of history consequently develops the capacity to see matters from different points of view. It also cultivates the more specific skills of researching, analyzing, and writing.

It is easy and desirable to combine History with the study of one or more other fields. Many History students have minors or second majors in such fields as political science, literature, and foreign languages. Given the nature of today’s job market, courses in economics, business administration, and computer science are also advisable.

There are only two courses required of all History majors: a sophomore seminar in the theory and writing of history and a senior seminar in historical research. These courses are about the tools of the trade. They emphasize researching, analyzing, and writing. Students are free to choose any other eight courses in History to complete the major, as long as at least three of the eight are upper level courses; one covers pre-1800 history; and three are 100-level courses in each of these geographical areas: the U.S., Europe, and Asia/Latin America. For a particularly meaningful scholarly experience, History students may undertake an honors research project in close consultation with faculty members. (See History 450).

History majors can continue in the historical profession after graduation as teachers and “public historians” at historical sites and agencies. But the broad content and transferable skills of the History major more often lead to careers in other areas such as journalism, law, government, and business.

Students pursuing teacher licensure to teach high school history/social science major in History and Secondary Education. For details, please contact the chairs of both History and Educational Studies, and refer to the Educational Studies section in this catalog, as well as the Teacher Education Handbook posted to the Educational Studies website (http://www.iwu.edu/edstudies/handbooks/).

**Major Sequence:**
A minimum of 10 course units in History to include:

1) History 290
2) History 490
3) One course in pre-1800 history
4) One course in each of 3 geographical areas:
   U.S., Europe, and Asia/Latin America
5) At least three more courses at the 300-level or above to a total of 10 units.

*Only one unit of History 397 may count toward the major.

**Minor Sequence:**
Six course units to include:

1) at least two course units selected at the 100-200 level*
2) at least three courses at the 300-level or above*

*History 250, 397, and 450 may not count toward the minor.

100 **Introduction to Chinese History** (CHC, G) A survey of Chinese society from ancient times to the present. Examines the premodern development of Chinese philosophy, arts, imperial state, and social structure. Also explores the decline of the Chinese empire, the impingement of Western imperialism, and subsequent efforts to strengthen
China through reform and revolution. Offered annually.

101 Introduction to Japanese History (CHC, G) A survey of Japanese society from ancient times to the present. Examines the premodern development of religions, continental influences, the arts, and feudal society. Also explores the modern rise and fall of Imperial Japan, the postwar US occupation, and the emergence of Japan as an East Asian economic power. Offered in alternate years.

120 The Ancient and Medieval West (CHC) A survey of Western Civilization from its origins in the ancient Near East, through Greece and Rome, to the late Middle Ages. Political history is balanced by social, cultural, and intellectual history with an emphasis on those elements which became part of the Western heritage. Offered annually.

121 Europe: Renaissance to Revolution (CHC) A survey of Western Civilization from the Renaissance to the French Revolution, emphasizing the changes in politics, society, economics, science, art, and thought that transformed Western values from “medieval” to “modern.” Offered each semester.

122 Modern Global History (CHC, G) This course focuses on a selected number of topics to make clear the historical roots of the contemporary world. Such topics include: the nation-state, warfare and diplomacy, modern ideologies, and Western imperialism and its anti-Western response. Emphasis is on 20th century global affairs. Offered annually.

150 Introduction to American Studies (CHC, U) Cross-listed with AMST 150 This course examines the historical, literary, and material culture of the United States in an effort to provide a model for interdisciplinary study as practiced in the field of American Studies. Topics addressed in the course may include specific events, discrete periods, or larger themes, but in each instance they will serve as significant case studies for the interdisciplinary investigation of the American experience.

151, 152 The United States (CHC, U) From the colonies to the present, a study of the growth of the nation, emphasizing major interpretative problems in America’s social, economic, political and cultural experience. The later section involves the period after 1877. Either semester may be taken separately. Offered each semester.

160 Latin America (CHC, G) A survey of Latin American history from Columbus to the present that focuses primarily on Mexico and Argentina and addresses key historical issues: conquest, colonialism, independence, racial relations, dependency, economic development, urbanization, militarism, nationalism and relations with the United States. Offered annually.

170 Studies in History Courses designed to introduce the beginning student to the skills and challenges involved in the disciplined study of the past. Each course is an examination of a particular topic in history which will be announced in advance. May be repeated for credit when topic varies. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

202 World War II in the Pacific (CHC) Explores the origins and consequences of Japanese militarism in Asia, 1931-1945. Examines domestic and international factors behind the war, assesses responses to Japanese expansion by East Asians, Southeast Asians, Americans, and the Japanese people themselves, and evaluates the use of nuclear weapons at war’s end. Offered occasionally.

210 Emperors and Revolutionaries: Chinese History Through Travel May Term travel course hosted by the History Department at Peking University. Explores China from pre-historic to recent times, focusing on the imperial state and the Communist revolution. Visits historic locations in cities and countryside, including well-known sites and those off the beaten path. Lectures by top Chinese historians and interaction with Chinese students at PKU. Prerequisite: 100, 300, PSCI 214, or consent of instructor. Offered occasionally, May Term.
212 **Ancient Greece (CHC)** This course focuses on cultural and historical change in the Greek world beginning with the Bronze Age and continuing until the death of Alexander the Great (1300-323 BC). Emphasis is placed on the interconnection of Greek historical themes with literature, art, and architecture. *Offered in alternate years, Fall Term.*

214 **Ancient Rome (CHC)** Charts the political, social, and cultural development of the Roman state from the foundation of the city to the conversion of the emperor Constantine to Christianity (ca. 753 BC-AD 312). Emphasis will be placed on the multiplicity of peoples and cultures that constituted the Roman state, religious experience and change, the evolution of political institutions, and the variety of sources necessary for our reconstruction of the Roman past, from the literary to the art historical. *Offered in alternate years, Fall Term.*

215 **Medieval Europe (CHC)** An introduction to the major political, religious, and social institutions of the European Middle Ages (c. 400 C.E.-1400 C.E.). Emphasizes how Christianity redefined society, shaped a new royal ideology of sacral kingship, and influenced relations between Europe and the Middle East. *Offered occasionally.*

219 **Oracles and Empires in Ancient Colonization (CHC, W)** Are you clever enough to interpret Apollo’s advice and establish a successful colony? Colonies in the ancient Mediterranean dominated new territory, but they also reshaped the mother-city’s culture, religion, economy, and intellectual development. We will examine population movements, while deciphering what assumptions modern colonialism imposes on our material. *Offered occasionally.*

221 **The Holocaust (CHC)** The course seeks to understand the Holocaust and examines the process of extermination from its religious cultural antecedents through the war-time process of ghettoization, open-air mass execution, and the employment of gas in fixed chambers. Among sources examined are laws and directives emanating from the German bureaucracy, eyewitness testimony and memoirs of survivors from the ghettos and camps, and film. *Offered annually.*

223 **The Two World Wars** The course focuses on the diplomatic and military origins of these two global conflicts, war and the popular imagination, the soldiers’ experience, the literary testimony of combatants and non-combatants, the effect of the wars on the status of women, mutiny and revolution, the American struggle with Japan, and the unleashing of war against civilian populations. *Offered in alternate years.*

224 **Century of Genius (IT)** This course focuses on the revolutionary ideas in western Europe during the 1600s that challenged traditional views of the physical universe, human nature, social relations, politics, and virtue. Figures studied include Galileo, Descartes, Hobbes, and Locke. *Offered in alternate years.*

225 **The Enlightenment (IT)** The intellectual history of the late 17th and 18th centuries, otherwise known as the Age of Reason, through a close examination of key texts by such authors as Locke, Montesquieu, and Voltaire and key ideas about natural law, natural rights, political liberalism, laissez-faire economics, deism, progress, and reason. *Offered in alternate years.*

241 **The Great Depression in the United States (CHC, W)** The course is an in-depth study of the social, cultural, and political history associated with the economic crisis known as the Great Depression, 1929-1941. The emphasis is on thinking and writing about the issues prevalent in Depression America and the significant changes that resulted from the crisis. *Offered every other year.*

242 **Colonial America (CHC, U)** Examines the establishment of colonies before the American Revolution, the development of diverse colonial societies, the transformation of life for all peoples and groups, and the interactions of diverse cultural and religious groups. The people we study include farmers, planters, merchants, craftsmen, witches,
slaves, Native Americans, Puritans, Catholics, and Quakers. Offered in alternate years.

244 Women and the American Experience (CHC, U) This course will examine the lives of women in America, beginning in the colonial period, focusing on the ways in which women of various backgrounds have confronted life in America. In the process, we will examine large-scale movements; cultural attitudes and beliefs about women over time; and how women lived their everyday lives in work, leisure, and family.

245 Individualism and Community in American History (AV, W) Studies the tensions between individualism and community in American History regarding religion, business, politics, culture and the economy and nature. Examines the values of individualism and community embedded in these arguments. Explores the consequences of implementing the social and economic practices. Offered in alternate years.

246 “By Force, By Famine, and by Fabled Story”: Irish Emigration to the U.S. (CHC, G) Between 1815 and 1920, five and a half million Irish emigrated from Ireland to the United States. This emigration had an enormous impact on American society, of course, but it had just as significant an impact on Irish society, both demographically and culturally. In a two-week stay in Ireland at the Allihies Language and Arts Centre, Beara Peninsula, County Cork, students live with host families and study together the historical, cultural, musical and literary impact of Irish emigration on both the Irish in Ireland and in the United States. Offered occasionally in May Term.

247 American West (CHC, U) An introduction to the history of the American West. Particular attention will be paid to the clash of peoples and cultures that resulted from territorial and economic expansion, the significance of ideas and myths about the frontier in American history, and the changing social relationships and patterns of land use that accompanied the economic development of the West. Offered occasionally.

248 American Environmental History (CHC, U) (Cross-listed with ENST 248) Overview of American environmental history from pre-colonial days to the present. This course examines the relationship between social and ecological change, focusing on the impact of native American societies, Western colonialism, and market forces on land-use patterns, biodiversity and the development of the contemporary environmental movement in the United States. Offered in alternate years.

249 Growing up in America, 1607-Present (CHC, U) No aspect of American Life is as shrouded in myths and misconceptions as the history of the family. This course examines childhood and family in American culture from the colonial era to the present, providing historical perspective and understanding regarding these primary institutions of American life. Though the course is roughly chronological, we will compare family structures across both time and space, examining the changing and divergent meanings of motherhood, fatherhood, and childhood through such sources as advice manuals, popular journalism, fiction, art, and film. Offered in alternate years.

250 Special Project A research project under the supervision of a member of the department on a topic mutually agreed upon. Prerequisite: consent of instructor. Offered as needed.

251 The Vietnam Wars (CHC) Explores the origins, expansion, and repercussions of the Vietnam Wars (1945-1975) within the context of Vietnamese history. Uses film, interviews, and documents to examine this historical context and events of the wars. Analyzes support for and resistance to war among the Vietnamese and American peoples. Offered occasionally.

252 The Sixties: Sex, Drugs, and Rock & Roll? (CHC, U) An in-depth look at America in the 1960s that explores the myths and realities of the Civil Rights Movement, the counter-culture, the sexual revolution, rock music, and the student, feminist, gay rights, and antiwar movements. Offered occasionally in May Term.
253  **The Beatles and Their World (CHC)**  Examines the impact of the most popular recording artists of all time. The Beatles influenced rock music as well as attitudes toward fashion, religion, war, and drug use, among others. Moreover, this influence was global in scope, crossing gender, racial, generational and political boundaries. Sometimes offered as a travel course. *Offered occasionally.*

260  **Spanish North America (CHC, G)**  Explores the region that today comprises Mexico, Central America and the Caribbean from the conquest to the present. Examines major social, political and economic issues including: conquest and resistance; indigenous, European and African; economic development; and relations with the United States. *Offered occasionally.*

270  **Studies in History**  Open to all students, these courses explore a specialized topic of historical study at an intermediate level, requiring focused and extensive reading but not necessarily a significant research project. May be repeated for credit when topic varies. Consult current *Program of Classes* to see if any particular course fulfills general education requirements. *Offered occasionally.*

290  **Seminar in the Theory and Writing of History (W)**  A seminar emphasizing research, conceptualization, and writing skills. Subjects given special attention are methodological debates within the profession and philosophical questions regarding the nature and purpose of historical study. Open only to History majors. *Offered annually.*

300  **The Chinese Revolution (CHC, G)**  Examines the conditions of 20th century China that gave rise to revolution and Communism. Uses fiction, documents, and film to explore the decay of Confucianism, the impact of imperialism, the plight of urban and rural areas, the rule of Chiang Kai-shek, the victory of Communism and “continuing revolution” under Mao Zedong, and the “reforms” of Deng Xiaoping. *Offered annually.*

301  **Modern Japan, 1800-Present (CHC, G)**  Explores the fall of the feudal order and Japan’s emergence as a world power since 1868. Focus on the social impact of this political and economic transformation. Topics include “Restoration,” the state and democracy, dissent, militarism, war, the postwar “reinvention” of Japan by the U.S., and the rise to economic preeminence in Asia. *Offered in alternate years.*

303  **China: The Cultural Revolution (G)**  Explores the tumultuous Cultural Revolution in China (1966-1976). Originally hailed as a progressive social experiment in education, health care, women’s rights, sports, and the workplace, the movement was later condemned for its fanaticism, violence, and vilification of intellectuals. Evaluates the complex issues and conflicting appraisals of the upheaval and assesses its impact on recent Chinese history. Prerequisites: 100 or 210 or 300 or Political Science 214 or consent of instructor. *Offered occasionally in May Term.*

309  **Greek Art from Homer to Alexander (AR) (Cross-listed with ART 309 and GRS 309)**  A survey of cultural artifacts and monuments of ancient Greece from the “Age of Homer” (Bronze Age) to the “Age of Alexander” (Hellenistic Period). The goal is to develop an understanding and appreciation of Greek artistic expression, its influences, and its impact of Western art and thought. Course includes a field trip. *Offered in alternate years, fall.*

311  **Art and Architecture of the Roman World (AR) (Cross-listed with ART 311 and GRS 311)**  This course follows the development of the forms and ideologies of Roman art from the republic to late antiquity. The issues to be discussed will include public and private and civic and religious art and architecture, urban planning, and the interaction of Roman art forms and provincial cultures in the forging of identity. *Offered occasionally.*

316  **The World of Alexander the Great (CHC)**  This course sets the life of Alexander the Great (ruled 336-323 BCE) against the backdrop of the politics, society, culture, and
religion of his times. Special attention is paid to the peoples that Alexander encountered in his march eastward into India and the results of this contact on the development of the histories and cultures of both the east and west. \textit{Offered occasionally.}

318 \textbf{Blood Rites and Mystery Cults (CHC) (Cross-listed with GRS 318 and REL 318)} Ancient Roman religion was uniquely open to foreign influence while respecting its own customs. This course will examine how the Roman people demonstrated this quality as they adopted or adapted new religious ideas and traditions from the beginnings of the Roman monarchy in 753 BCE to the fifth century CE. \textit{Offered occasionally.}

321 \textbf{Tudor-Stuart England (CHC)} England in the 16th and 17th centuries, emphasizing the turbulent reign of Henry VIII, religious persecution, political revolutions, the world of Shakespeare, and the birth of modern science. \textit{Offered occasionally.}

322 \textbf{Love and Death in Freud’s Vienna (CHC)} Simultaneously one of the most politically explosive and artistically creative urban centers in Europe at the turn of the 20th century, Vienna was a battleground of reaction and modernism. The course focuses on the leading intellectual and artistic movements of the day: Freud and psychoanalytic theory; modernism in art, architecture, and music; the drama of Schnitzler, and the creative insights of social criticism. \textit{Offered annually.}

323 \textbf{Sex, Gender, and Power Under King James (CHC)} This course uses the politics, writings, personal affairs, and scandals of King James’s reign in Scotland and England (1567-1625) to explore early modern attitudes about sex, gender, and power. \textit{Offered in alternate years.}

325 \textbf{Modern Germany (CHC, A)} A social, economic, and cultural history of Germany in the 19th and 20th centuries. Topics include the formation of national identity, Prussian ascendency, the creation of empire, the role of women, the rise of the working class, war and revolution, and the refashioning of state, society, and culture after 1945. \textit{Offered annually.}

326 \textbf{Modern Russia/Soviet Union (CHC, A)} A survey of Russian/Soviet history since 1861, emphasizing the collapse of the Tsarist regime, the Leninist and Stalinist revolutions, and problems in the Soviet Union and after. \textit{Offered occasionally.}

343 \textbf{Migration, Ethnicity, and Race (CHC, U)} Survey of immigration in the 19th and 20th centuries. Focuses on the ways race, ethnicity, gender, class, and national ideals shaped the lives of immigrants during this period. Also explores the dynamic and creative ways that immigrants and ethnics have confronted and shaped American culture and society. \textit{Offered in alternate years.}

344 \textbf{Gilded Age, 1865–1900 (CHC, U)} An examination of the transformations in American life and culture from 1865 to 1900. Emphasizes the conflicts and contradictions of American life for various racial, ethnic, class, regional, and gender groups, focusing particularly on the new industrial city; the growth of commercialized leisure; the “civilizing” of the West; and African Americans in the New South. \textit{Offered occasionally.}

345, 346 \textbf{Social and Cultural History of the United States (CHC, U)} The major ideas that have shaped American culture, public policy, social institutions and religion from the colonial period to the present. Either semester may be taken separately. \textit{Offered occasionally.}

347 \textbf{From Frontier to Urban Ferment: The Commercial and Industrial Transformation of the United States (CHC, U)} An exploration of the historical consequences of the commercial and industrial transformation of the United States in the nineteenth and early twentieth centuries, focusing predominantly on people, however rather than on the process itself: immigrant and native artisans and wage workers, the new captains of industry, women and children, shop girls and the new leisure class. \textit{Offered in alternate years.}

350 \textbf{Women, Work and Leisure, 1890-1930 (CHC, U)} This course examines the
transformation of ideas about women and gender roles at the turn of the century. Focuses on how women of all classes played a central role in changing these ideas and reshaping family, work, and leisure practices in the context of a rapidly changing industrial society. Offered in alternate years.

351 Modern America, 1900-1945 (CHC, U) Provides students with a firm foundation in the social, cultural, and political history of early twentieth century. Topics include Progressive-era reforms, domestic "culture wars", home front during world wars, jazz age, Great Depression, birth of mass culture and motion picture industry. Analyze written texts, documentaries, films. Offered in alternate years.

352 Recent United States (CHC, U) The American experience since 1945. Emphasis is on the impact of the Cold War at home, the baby boom, Vietnam, 1960s protest movements, and the crises of the 1970s and 1980s. Offered in alternate years.

353, 354 History of United States Foreign Relations (CHC) The conceptual formulation of America’s attitudes and actions in the world from colonial times to 1914; the United States as a world power since the First World War. Either semester may be taken separately. 353 offered each fall; 354 offered each spring.

356 Modern Brazil, 1825-Present An in-depth study of Brazilian history and culture from the independence period to the present. Brazil is the most populous Latin American nation with the world’s eighth largest economy and fifth largest area. Offered in alternate years.

370 Studies in History Courses treating a specialized topic of historical study at an advanced research level. May be repeated for credit if the topic matter is different. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

380 Emperors and Revolutionaries: Chinese History Through Travel Research section of a travel course to China, hosted by the History Department at Peking University, covering the country’s political history in both ancient and modern times. Students visit and study pre-historic, dynastic-era, and modern revolutionary sites throughout the country. Explorations include both famous historical sites and lesser-known but historically significant locations off the beaten track—all enhanced by discussions with Chinese scholars, students, and common people. Research conducted on changes in rural life since 1949. Prerequisite: 100, 300, or consent of instructor. Offered occasionally, May Term.

390 Seminar In Asian History (CHC, G) In-depth study of selected topics in Asian history. Emphasis on reading and discussion, with several short papers to facilitate reflection on the material. Prerequisites: one other course in Asian history, or consent of instructor. Offered occasionally.

397 Internship in Public History A work experience intended as an introduction to the field of public history. The exact activities will vary, depending on the abilities and interests of the intern and the needs of the organization. Possibilities include accessioning and cataloging artifacts; making calendars and inventories; preparing exhibits; conducting outreach programs; researching and writing; and collecting oral histories. This course is limited to students seriously interested in careers in public history. Internships offered only on a credit/no credit basis. Prerequisites: 290, and consent of departmental internship supervisor. Offered as needed.

450 Special Project A research project under the supervision of a member of the department on a topic mutually agreed upon. Students seeking research honors in History must take two consecutive semesters of History 450. The first taken pass/fail, the second for a letter grade. Prerequisite: 290 and consent of the instructor. May be repeated for a maximum of two course units. Offered as needed.

490 Seminar in History (W) Intensive study of a specific historical era, figure, event,
or movement, emphasizing the production of an original research paper. Enrollment limited to History majors or others who have secured special permission of the instructor. Subjects vary. Offered annually.

HUMANITIES

Sheridan

Humanities courses expose students to major artistic, literary, philosophical, and religious works and familiarize them with the methods of inquiry used in the humanities disciplines. Studies in the humanities enable students to examine, appreciate, and understand intellectual, moral, and artistic traditions.

World of Ideas

These courses are designed to increase students’ awareness of basic human values—intellectual, social, literary, historical, ethical, and artistic—through an examination of the works and movements throughout history that both shaped and were shaped by Western thought. Attention is given to male and female voices that have accepted or rejected values and assumptions of their times. The courses move chronologically from antiquity to the present, but each course may be taken independently. Literature, art, film, music, and philosophy are examined in their cultural and historical contexts.

Students learn to draw parallels and make connections between disciplines, as they recognize the arbitrary nature of traditional disciplinary boundaries and distinctions. Humanities courses combine discussion and lecture and emphasize the development of writing skills and critical and creative thinking. Students will understand and be able to define the term “humanities” from both a historical and a methodological perspective, as they reflect on the connections between the humanities and terms such as “intellectual traditions” and “liberal arts learning.” Students will be able to contextualize the place of humanistic inquiry within their educational goals. Students are encouraged to enroll in their first or second year.

101 World of Ideas: The Ancient World (IT)  Introduction to the great thinkers of the ancient world, including sacred and secular poetry and prose; and to ancient art and architecture. Offered annually.

102 World of Ideas: 5th-16th Centuries (IT)  The history of an idea or theme from the Western Middle Ages through the Renaissance. Offered annually.

103 World of Ideas: 17th-18th Centuries (IT)  The important works and movements of the two centuries leading up to the modern era. Offered annually.

104 World of Ideas: The Modern Era (IT, G)  Important works and movements of the 19th, 20th, and the 21st centuries in their historical and cultural context. Offered annually.

Special Topics in the Humanities

270 Courses under this heading are designed to explore a wide variety of topics in the humanities that are not covered under any other course number. All texts are in English. This course may be repeated if the subject matter differs. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

370 Advanced examination of topics in the humanities. All texts are in English. Work in original languages, if not English, is allowed, after consultation with the instructor.
Prerequisite: Gateway Colloquium. This course may be repeated if the subject matter differs. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

INTERNATIONAL STUDIES
Sheridan, Director

The International Studies Major is interdisciplinary in orientation; it is designed to bring the knowledge of several disciplines to address the myriad, cultural, economic, historical, political, and social problems which transcend national boundaries. Thus, the major is designed to serve the educational and career needs of students who are interested in studying issues from a transnational perspective, and who are planning careers with international related agencies of the public and private sectors, international organizations, and foundations.

The International Studies Minor is designed for students who are interested in studying global and regional problems from an interdisciplinary perspective. It is recommended for students who would like to enhance or supplement their major with an international background. Students can pursue either an area studies minor – African, Asian, Latin American, Russian and East European, or West European Studies – or a functional area minor – Development or Diplomatic Studies. Students who declare a major in International Studies can not declare a minor in any of the areas. If the students choose another area of concentration, a course may count toward only one area of concentration. At least two courses taken in each minor must be at the 300-400 level or equivalent.

Major Sequence:
A minimum of ten course units to include the following (A minimum of four courses must be at the 300-400 level):
1) International Studies 240: Introduction to International Studies
2) One course on international systems, structures and processes to be chosen from the following:
   Economics 151: Introduction to International Economics
   History 122: Modern Global History
   International Studies 222/322: International Human Rights: An Introduction
   Political Science 102: International Politics
   Political Science 218: Advanced Democracies
3) One course on the nature and the analysis of culture to be chosen from the following:
   Anthropology 171: Cultural Anthropology
   Anthropology/Environmental Studies 274: People and Cultures of East Africa
   Humanities 104: World of Ideas: The Modern Era
   Religion 110: Religions of the World
4) International Studies 488: Senior Seminar
5) All majors are required to complete an appropriate study abroad experience (excluding May Term).
6) Six additional courses in the area of concentration. Note that each area of concentration has a specific language requirement:

I. GEOGRAPHICAL AREA CONCENTRATION
Each student declaring a concentration in a geographic area–Asian, Latin
American, Russian and East European or Western European Studies–must take one course beyond the general education language requirements in the language of the area, and five courses from various disciplines in the cultural, economic, historical, political, and social life of the area. This requirement does not apply to African Studies students who must complete one semester of an African language.

**AFRICAN STUDIES**

Core Courses

- IS 240: Introduction to International Studies
- One course on international systems, structures, and processes
- One course on the nature and analysis of culture
- IS 488: Senior Seminar

1) Language Proficiency: Students are required to fulfill general education requirements in a language taught on campus. It is highly recommended that students meet this requirement in French since it is the official language of 22 African countries and spoken by over 150 million Africans. In addition, students are required to complete one semester of an African language, which can be completed while studying abroad in Africa.

2) One semester study abroad in Africa that includes instruction in an African language.

3) Six additional courses: two courses from section A, and at least one from section B and at least one course from section C. Students are strongly encouraged to take two courses in section A prior to studying abroad in Africa. At least three of these six courses must be at the 300 level or above.

**A) African History, Culture, & Politics**

- *Anthropology 270/370: Special Topics
- Anthropology/Environmental Studies 274: Peoples and Cultures of East Africa
- *Anthropology 277: Area Studies
- Anthropology 355: African Expressive Arts (May Term Course)
- *History 270/370: Special Topics
- *International Studies 270/370: Special Topics
- Political Science 216: Politics in Africa
- Political Science 217: Politics and Society in Contemporary South Africa
- *Political Science 270/370: Special Topics

**B) Comparative Perspectives**

- Anthropology 171: Cultural Anthropology
- Anthropology 250: World Music (May Term Course)
- *Anthropology 252: Gender in Cross-Cultural Perspective
- Anthropology 275: Anthropology of Theater, Performance & Spectacle
- Anthropology 360: Race, Racism & Anthropology
- Economics 355: Economics of Developing Countries (ECON 100 prerequisite)
- *English 249: Writing in the Third World
- Religion 204: Native American and African Religions
- Religion 307: Voodoo, Santeria, and Candomble

**C) Contemporary Issues**

- *Anthropology 397: Internship
*Anthropology 450: Independent Study
Health 280: Perspectives in Global Health
Political Science 325: Conflict Areas of the Third World
Political Science 326: Globalization & Development
*Political Science 450: Independent Study
Sociology 354: Gender and Globalization

Note: Courses taken through a study abroad program or travel courses may be substituted for courses in sections B or C, depending on the content. Such courses require the approval of the African Studies Coordinator and the Director of International Studies.

*Applies if the course is taught on an African topic. Such courses require approval by the African Studies Coordinator and the Director of International Studies.

**Minor Sequence in African Studies:**

1) Core Course: International Studies 240: Introduction to International Studies
2) Five additional courses, two at the 300 level or above. Three courses must come from section A (Africa specific courses), one course must come from section B (Comparative Perspectives), and one course must come from section C (Contemporary Issues).

**ASIAN STUDIES CONCENTRATION**

Core Courses
- IS 240: Introduction to International Studies
- One course on international systems, structures, and processes
- One course on the nature and analysis of culture
- IS 488: Senior Seminar

1) Language Proficiency: Japanese 202 or equivalent in a language other than Japanese appropriate to the student’s study program. The Coordinator of the Asian Studies Team and the Director of the International Studies Program will determine when language proficiency other than Japanese will be appropriate within a student’s program.

2) Five additional courses to be selected from sections A and B with at least two from each. The fifth course may be a comparative course from section C or another course from Section A or B. At least two of the five should be at the 300-level or above. Of the two 300-level courses, only one may be a travel course in May term.

**A) Humanities and Fine Arts:**

Art 116: Survey of Asian Art
Fine Arts 120: Japanese Film and Aesthetics
History 390: Seminar in Asian History (topics may vary; course may be appropriate in this section or in section B, check with instructor)
Literature and Culture 106/Japanese 306: Japanese Studies through Popular Media
Literature and Culture 202: Japanese Literature and Culture
Literature and Culture 205: Language and Culture in Japan
Literature and Culture 207: Language and Gender
Media
Literature and Culture 304: Cross-cultural Communication: U.S. and Japan
Literature and Culture 308: Japanese Way of Life
Modern Languages 101: Beginning Chinese I
Modern Languages 102: Beginning Chinese II
Modern Languages 201: Intermediate Language I Chinese (prerequisite ML 101/102)
Religion 130: Asian Religious Literature
Religion 131: Chinese Religions
Religion 132: Asian Religious Practices
Religion 135: Zen
Religion/Art 209: Myth, Image and Symbol in South Asian Religion
Religion 231: Cults, Divination and Popular Religions in East Asian Societies
Religion 232: Hindus and Christians
Religion 309: Imagining Modern India
Religion 330: Buddhism in India and Tibet
Religion 331: Buddhism in East Asia
Religion 332: The Hindu Religious Tradition
Religion 334: Reading Hindu Texts
Religion 335: Reading Buddhist Texts

B) Social Science and Natural Science:
Anthropology 273: Self and Society in Japan
Business 451: International Business
History 100: Introduction to Chinese History
History 101: Introduction to Japanese History
History 202: World War II in the Pacific
History 210: Emperors and Revolutionaries: Chinese History Through Travel
History 251: The Vietnam Wars
History 300: The Chinese Revolution
History 301: Modern Japan, 1800-Present
History 303: China: The Cultural Revolution
History 390: Seminar in Asian History (topics will vary; course may be appropriate in this section or in section A; check with instructor)
Political Science 214: Politics in China
Political Science 270/370: Special Topics*
Physics 239: Problems of Nuclear Disarmament
Religion 292: Religion in Contemporary Japan

C) Comparative Courses
One of the following courses may be substituted for one of the “five additional courses” required for the Asian Studies concentration in number 2 above.
Education 373/IS 373: Education and International Development*
English 129: Third World Women Speak*
English 249: Writing in the Third World*
International Studies 222/322: International Human Rights: An Introduction*
Political Science 215: Politics in Developing Societies*
Political Science 325: Conflict Areas of the Third World*
Political Science 360: Comparative Environmental Politics*
Sociology 354: Gender and Globalization*
*When course includes a significant Asian component as determined by the Coordinator of the Asian Studies Team and the Director of International Studies.

**Minor Sequence in Asian Studies:**
At least two courses must be at the 300-400 level.
Either of the following two options may be chosen: I or II.
I: 1) Core Course: International Studies 240: Introduction to International Studies
2) Language Proficiency: Japanese 202 or equivalent in another Asian language (See Asian Studies Concentration)
3) Four courses: two from Section A, two from Section B, but one course from section C may be substituted for one in A or B (See lists under Asian Studies concentration)
II: 1) Core Course: International Studies 240: Introduction to International Studies
2) Five courses: two from Section A, two from Section B, and one from Section A, B, or C (See lists under Asian Studies concentration)

**LATIN AMERICAN STUDIES CONCENTRATION**

Core Courses
- IS 240: Introduction to International Studies
- One course on international systems, structures, and processes
- One course on the nature and analysis of culture
- IS 488: Senior Seminar
- 1) Language Proficiency: Spanish 203 Conversation and Composition. Students who also wish to pursue a major or minor in Hispanic Studies will meet the language proficiency requirement upon completion of the Hispanic Studies major or minor course requirements.
- 2) Five additional courses to be selected from sections A and B, with at least two from each.

**A) Fine Arts and Humanities:**
- Literature and Culture 135: Special Topics in Hispanic Literature & Translation*
- Music 250: Special Topics: Latin American Music and Dance
- Music 268: Latin American Music
- Religion 270: Special Topics*
- Religion 304: Latin American Religions
- Religion 307: Voodoo, Santería and Candomblé
- Spanish 305: Travel Seminar*
- Spanish 360: Special Topic in Media and Film*
- Spanish 470: Special Topics in Hispanic Studies*
- Spanish 478: Latin American Literature-Short narrative and Essay
- Spanish 488: Latin American Literature: The Novel

**B) Social Sciences:**
- Economics 352: International Finance
- History 160: Latin America
- History 260: Spanish North America
- History 360: Modern Brazil, 1825-Present
- Spanish 316: Latin American Culture and Civilization
- Spanish 320: Studies in Cultural History*
Spanish 330/350: Topics in Hispanic Studies*
Spanish 403: History of the Spanish Language
*Accepted only when topic or main focus is on Latin America.

3) One semester of study in Latin America: Course work for requirement #2 may be completed during the period of study abroad. Such courses are subject to the approval of the Latin American Studies Coordinator and the Director of the International Studies Program.

**Minor Sequence in Latin American Studies:**
At least two courses must be at the 300-400 level.
1) Core Course: International Studies 240: Introduction to International Studies
2) Language proficiency: Spanish 202 or equivalent
3) Four additional courses to be selected from sections A and B with at least one from each. (See lists under Latin American Studies concentration.)

**RUSSIAN AND EAST EUROPEAN STUDIES CONCENTRATION**

Core Courses
- IS 240: Introduction to International Studies
- One course on international systems, structures, and processes
- One course on the nature and analysis of culture
- IS 488: Senior Seminar

Language Proficiency: One course beyond the general education language requirements (Russian 202 or German 202). Students may also fulfill this requirement by passing a proficiency exam in another language of the region. Students who also wish to pursue a major or minor in German Studies or Russian Studies may substitute this course requirement with a course from Section A (Humanities and Fine Arts).

As with all other International Studies majors, students in the Russian and Eastern European Studies concentration are required to study abroad.

Six additional courses in the REES concentration as outlined below:
1) Language Proficiency (see above)
2) One course from the following list:
   - **A) Comparative Europe**
     - History 122: Modern Global History
     - History 322: Love and Death in Freud’s Vienna
     - International Studies 270: Tale of Three Cities: Bratislava, Prague, and Vienna – Cultures at the Crossroads
     - Literature and Culture 116: Postwar German Cinema
     - Literature and Culture 242: Strangers in their Own Home: Yiddish Culture in Eastern Europe
     - Literature and Culture 247: Fairy Tales of the 20th Century
     - Literature and Culture 272: From Utopia to Science Fiction: Imaging the Future in Russia and Germany
     - Literature and Culture 273: Global Film Noir
     - Literature and Culture 274: Superwomen of Central European Fiction and Film
     - Political Science 103: Comparing Nations
     - Political Science 322: Politics of the European Union
3) Four additional courses to be selected from B and C, with at least one from each.

**B) REES – Humanities and Fine Arts***

- International Studies 270/370: Special Topics: Russia from Empire to Post Socialist State
- Literature and Culture 245: Russian Culture and Society Through Film
- Literature and Culture 250: Special Topics: Dangerous Texts: Russian Literature and Politics
- Literature and Culture 347: The Moral Impulse in Russian Culture: Reading Leo Tolstoy
- Literature and Culture 350: Terrible Perfection: Russian Women in Literature and Film
- Music 250: Special Topics: Dangerous Music: Russian Music and Politics
- Russian 499: Independent Study in Russian Literature

**C) REES – Social Sciences***

- History 221: The Holocaust
- History 326: Modern Russia/Soviet Union
- Political Science 218: Advanced Democracies

* Courses taken abroad or travel courses to Russia or Eastern Europe may be substituted for courses under A or B depending upon the content. Such courses are subject to the approval of the Russian and East European Studies Coordinator and the Director of the International Studies Program.

**Minor Sequence in Russian and East European Studies:**

There are six courses required for the REES minor. At least two courses must be at the 300-400 level.

1) Core Course: International Studies 240: Introduction to International Studies

2) Language Proficiency: Russian 202 or German 202. Students may also fulfill this requirement by passing a proficiency exam in another language of the region.

3) One course from A (see lists under Russian and East European Studies concentration.)

4) Three additional courses to be selected from sections B and C with at least one from each (see lists under Russian and East European Studies concentration.)

**WESTERN EUROPEAN STUDIES CONCENTRATION**

**Core Courses**

- IS 240: Introduction to International Studies
  - One course on international systems, structures, and processes
  - One course on the nature and analysis of culture
  - IS 488: Senior Seminar

1) Language Proficiency: French 203, German 202, Italian 202, or Spanish 203 or equivalent. Students who also wish to pursue a major or minor in German Studies, French and Francophone Studies or Hispanic Studies may substitute this course requirement with a course from Section (A) Fine Arts and Literature or Section (C) Cultural History and Philosophy.

2) Five courses with at least one but no more than two courses in any one
category (A, B, or C, and no more than two courses covering the period prior to 1800.)

3) One semester of study abroad in Western Europe. Course work for requirement #2 may be completed during the period of study abroad. Such courses are subject to the approval of the Western European Studies Coordinator and the Director of the International Studies Program.

A) Fine Arts and Literature
Art 316: European Art, 1750-1900
*English 241: Such a Knight: Medieval Chivalry
*English 243: A Survey of English Poems, 1500-1700 (prerequisite: GW Colloquium)
*English 245: Comedy of Manners
*English 341: Medieval Literature
*English 342: Renaissance Literature
*English 343: Restoration and 18th Century
English 344: Romantic Literature
English 346: Victorian Literature
English 348: Recent and Contemporary British Literature
*English 391: Chaucer
*English 393: Shakespeare’s Comedies and Histories
*English 394: Shakespeare’s Tragedies and Romances
French 303: Intro. to Lit. I: Individual and Society
French 304: Intro. to Lit II: Ideals of Love
*French 405: Studies in Medieval and Renaissance Literature
German 488: Von Demokratie zur Diktatur
Literature and Culture 110: Playing Revolution
Literature and Culture 116: German Postwar Cinema
Music 351: History of Opera
Spanish 360: Special Topics in Media and Film (focus on Spain only)
*Spanish 408: Early Spanish Literature
Spanish 418: Modern Spanish Literature
**Spanish 470: Special Topics in Hispanic Literature (focus on Spain Only)

B) Social and Political Science; Business and Economics
Business 451: International Business
Economics 325: History of Economic Thought
Economics 352: International Finance
French 310: Business French
*History 120: The Ancient and Medieval West
*History 121: Europe: Renaissance to Revolution
History 122: Modern Global History
History 215: Medieval Europe
History 221: The Holocaust
History 223: The Two World Wars
*History 321: Tudor-Stuart England
History 322: Love and Death in Freud’s Vienna
History 325: Modern Germany
Political Science 218: Advanced Democracies
*Political Science 315: Classical Political Thought: Democracy in Athens and
America
Political Science 316: Modern Political Thought: Liberalism & its Discontent
*Spanish 403: History of the Spanish Language

C) Cultural History and Philosophy
French 301: Advanced Expression I: Oral Communication
French 312: French Cinema
*French 315: French Civilization I, Roman Gaul to the Renaissance
French 316: French Civilization II, Renaissance to Revolution
French 317: French Civilization III: France Since the Revolution
German 418: German Culture Since 1945
*History 224: Century of Genius
*History 225: The Enlightenment
*Humanities 101: World of Ideas: The Ancient World
*Humanities 102: World of Ideas: 5th-16th Centuries
*Humanities 103: World of Ideas: 17th-18th Centuries
Humanities 104: World of Ideas: The Modern Era
Literature and Culture 112: German Romanticism
Literature and Culture 260: Viva l'Italia: Exploring Italian Language and Culture
*Philosophy 280: History of Ancient Philosophy
Philosophy 281: History of Modern Philosophy
*Spanish 314: Iberian Culture and Civilization
**Spanish 320: Studies in Cultural History (Focus on Spain only)
**Spanish 330/350: Studies in Hispanic Studies (taken in Spain)
*Designates courses prior to 1800. Courses whose content straddle this marker will be considered as modern, if greater than 50 percent of the syllabus is devoted to the period post-1800.
**Designates courses whose focus (pre-1800 or post-1800) varies depending on the instructor.

Minor Sequence in Western European Studies:
At least two courses must be at the 300-400 level.
1) Core course: International Studies 240: Introduction to International Studies
2) Language Proficiency: French 203, German 202, Italian 202, or Spanish 203 or equivalent
3) Four courses with at least one from categories A, B, and C, and no more than two courses covering the period prior to 1800. (See lists under Western European Studies concentration.)

II. FUNCTIONAL AREA CONCENTRATION
Each student declaring a concentration in a functional area—development studies, diplomatic studies—must take six courses from across the various disciplines that are related to the concentration.

DEVELOPMENT STUDIES CONCENTRATION
Core Courses
IS 240: Introduction to International Studies
One course on international systems, structures, and processes
One course on the nature and analysis of culture
IS 488: Senior Seminar

Required Course:
Political Science 326: Globalization and Development OR
Political Science 215: Politics in Developing Societies

1. Human Rights Emphasis
Any three of the following:
IS 222/322: Introduction to International Human Rights
Philosophy 224: Individual and the State
Physics 239: Problems of Nuclear Disarmament
Political Science 303: International Law and Organization
Political Science 325: Conflict Areas of the Third World

Plus two courses in one of the following specific areas in the developing world:
Eastern Europe and the Russian Federation, Latin America, Asia, Africa or Middle East.
(Relevant language courses above the intermediate level would count).

In addition, Economics 100: Introduction to Economics is strongly recommended but not required.

2. Sustainability Emphasis
Any three of the following:
Anthropology 274: Peoples and Cultures of East Africa
Anthropology 288: Consuming Passions
Health 280: Perspectives in Global Health
Physics 239: Problems of Nuclear Disarmament
Political Science 360: Comparative Environmental Politics
Political Science 361: Globalization and the Environment
Sociology 344: Population and the Environment

Plus:
Two courses in one of the following specific areas in the developing world:
Eastern Europe and the Russian Federation, Latin America, Asia, Africa or Middle East.
(Relevant language courses above the intermediate level would count).

In addition, Economics 100: Introduction to Economics is strongly recommended but not required.

3. Globalization and Culture Emphasis
Any three of the following:
Anthropology 171: Cultural Anthropology
Anthropology 250: World Music
Anthropology 275: Anthropology of Theatre, Performance and Spectacle
Anthropology 277: Area Studies (if in relevant region)
Anthropology 350: Birthing, Dying, and Healing
Anthropology 360: Race, Racism and Anthropology
English 129: Third World Women Speak
English 249: Writing in the Third World
English 359: World Literature
Religion 333: Islam from Mecca to Malcolm X

Plus: two courses in one of the following specific areas in the developing world:
Eastern Europe and the Russian Federation, Latin America, Asia, Africa or
Middle East. (Relevant language courses above the 201 level would count).
In addition, Economics 100: Introduction to Economics is strongly recom-
mended but not required.

4. Economics and Policy Emphasis
Economics 100: Introduction to Economics
Plus: Any two of the following:
Business 451: International Business (junior and senior standing only)
Economics 351: International Trade
Economics 352: International Finance
Economics 355: Economics of Developing Countries
Political Science 345: International Political Economy
Sociology 354: Gender and Globalization
Plus: two courses in one of the following specific areas in the developing world:
Eastern Europe and the Russian Federation, Latin America, Asia, Africa or
Middle East. (Relevant language courses above the intermediate level would
count).

Minor Sequence in Development Studies:
At least two courses must be at the 300-400 level.
Core Course: International Studies 240: Introduction to International Studies
Required Course:
Political Science 326: Globalization and Development OR
Political Science 215: Politics in Developing Societies
Two courses from approved list in one of the Emphasis sub-concentrations.
Two courses in a specific area or region.

DIPLOMATIC STUDIES CONCENTRATION
Courses in this area are designed for students who are interested in working
in the field of international relations without specific geographic location.
Courses focus on international organizations, diplomacy, global issues and
international trade and finance.
Core Courses
1) IS 240: Introduction to International Studies
2) One course on international systems, structures, and processes
3) One course on the nature and analysis of culture
4) IS 488: Senior Seminar
5) Language: A fourth semester of a second language is required. If a student
is majoring or minoring in a language, that student may substitute the language
requirement with a course form the list in the student’s chosen emphasis.
6) Off Campus study: students must study off campus for at least a
semester. Study abroad in an appropriate program is strongly recommended.
However, students in the Diplomatic Studies Concentration may also study
for a semester in an appropriate domestic program (e.g. Washington Semester,
Drew New York program). The off campus program must be approved by the
International Studies Program Director and the coordinator of the Diplomatic
Studies Team.

Peace and Security Emphasis:
a) EITHER History 354: US Foreign Relations since 1914 OR Political Science
303: International Law and Organizations
AND
b) Four of the following courses, no more than two from one department:
History 202: World War II in the Pacific
History 223: The Two World Wars
History 353: US Foreign Relations to 1914
History 354: US Foreign Relations since 1914
Political Science 303: International Law and Organizations
Political Science 321: International Politics of East Asia
Political Science 405: Theories of International Relations
International Studies 222/322: International Human Rights
German 230: German for Human Rights
German 418: German Culture since 1945
Physics 239: Problems of Nuclear Disarmament
Religion 133: Islam and the Modern World
Religion 333: From Mecca to Malcolm X
OR
Globalization and Political Economy Emphasis:
a) EITHER Economics 351: International Trade OR Political Science 345: International Political Economy
AND
b) Four of the following courses, no more than two from one department
Business Administration 451: International Business
Economics 351: International Trade
Economics 352: International Finance
Economics 355: Economics of Developing Countries
History 227: The Bloody History of Afternoon Tea: The British Empire and Asia
Political Science 303: International Law and Organizations
Political Science 322: Politics of the European Union
Political Science 345: International Political Economy
Political Science 360: Comparative Environmental Politics (cross-listed with Environmental Studies 360)
Political Science 361: Globalization and Development (cross-listed with Environmental Studies 361)
Religion 110: Religions of the World
Religion 133: Islam and the Modern World
Minor Sequence in Diplomatic Studies:
At least two courses must be at the 300-400 level
1) International Studies 240: Introduction to International Studies
2) One course on the analysis of systems, structures, and processes
3) One course on the analysis of culture
2) Three courses from either the Peace and Security emphasis or the Political Economy emphasis

INTERNATIONAL STUDIES COURSES:
222/322  International Human Rights: An Introduction (AV)  In this course, we will examine some of the basic theories that have defined the study of human rights and
then explore issues involving rights violations as they involve mass violence, poverty, and inaccessibility to basic health care. We also investigate international efforts to redress human rights abuses such as the workings of truth and reconciliation commissions and international criminal courts. Offered every other year.

240 Introduction to International Studies (G) An examination from a global perspective of the major forces that have shaped and continue to influence our world. The course does not attempt exhaustive coverage of global problems, issues, and twentieth century history, but instead attempts to provide an interpretive framework for understanding those issues and problems. Offered each spring.

270 Special Topic An interdisciplinary course with variable content depending on the particular aspects of the international experience selected for study. Emphasis may be directed towards a country, region or theme. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

370 Special Topic An examination at the advanced level of selected international topics not covered in international studies courses. Course content varies depending upon the topic, which may be directed toward a country, region or theme. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

373/ED 373 Education and International Development (CSI, G, W) Throughout the world, enhanced educational opportunity has been viewed as an important means of improving people’s lives. This assumption will be examined by analyzing educational policies in Asia, Latin America, and Africa. Specific topics that will be covered include literacy, student protest, and the educational treatment of girls, indigenous peoples, street children, child refugees, and child laborers. Offered in alternate May Terms.

397 Internship Supervised experiential learning for students in International Studies. A substantial written project is required. Other requirements and placement to be specified in the internship learning contract. Course will not count towards the major or minor in International Studies. Prerequisites: Junior or senior standing and approval of the Director of International Studies. Offered as needed.

450 Special Project A major original research project developed and implemented in consultation with a faculty mentor. Particularly appropriate for qualified students seeking to graduate with Research Honors. Prerequisite: Consent of Director of International Studies. Offered as needed.

488 Senior Seminar (W) An advanced analysis of a particular topic in international studies through a seminar format. Each student researches and writes a substantial paper which involves a detailed and original examination of an international issue or which focuses on a country or region. Offered each spring.

STUDY ABROAD PROGRAMS
Please see page 231.

ITALIAN STUDIES
Sheridan, Isabelli

See Literature and Culture Studies in English Translation description beginning on page 218 for information.

A special contract major or minor in Italian Studies may be possible with advanced planning and participation in a study abroad program in Italy. Interested students should consult with a member of the Italian Studies faculty for further details.

101 Elementary Italian I An introduction to the Italian language and culture that
emphasizes the skills of listening, speaking, and reading, and introduces students to writing. Primary emphasis is placed on oral communicative skills and on functioning in real-life situations in an Italian cultural context. Offered each spring.

102  Elementary Italian II   A continuation of language skills developed in 101, with exposure to more complicated grammatical concepts as well as cultural issues. Primary emphasis is placed on oral communicative skills and on functioning in real-life situations in an Italian cultural context. Prerequisite: 101 or equivalent. Offered each fall.

201  Intermediate Italian I (LA)  This course continues the proficiency-oriented approach of the Beginning Italian sequence. It is designed to strengthen basic language skills with an emphasis on oral skills. Prerequisite: 102 or equivalent. Offered each fall.

202  Intermediate Italian II (G)  A course designed to expand reading and writing skills beyond the basic sequence. Italian 202 emphasizes the development of narrative-level discourse, with increased control of complex sentences, hypothesizing, abstract reasoning, and self-correction. Grammar instruction incorporates a close reading of texts. Reading and writing assignments introduce issues central to Italy’s historical and contemporary cultural identity. Prerequisite: Italian 201 or equivalent. Offered every other fall semester.

397 Internship  Opportunities for students to apply linguistic and cultural skills in a professional context in a wide variety of professional areas and locations, but primarily international sites during study abroad. Prerequisite: 202 or equivalent. Offered as needed.

399 Independent Study  Directed reading in Italian including a major research project related to the study of Italian language, culture, or literature under the close supervision of a faculty member. Prerequisite: Italian 202 or equivalent and consent of instructor. Offered as needed.

JAPANESE

Balina, Wilson

The Japanese minor at IWU is an interdisciplinary program that also considers the study of the language to be central to an understanding of the culture. Not all courses are offered every semester, so it is important to plan ahead.

The University’s second language proficiency requirement is outlined in the General Education section of the Catalog on page 101. Students who studied Japanese in high school are strongly encouraged to contact the Japanese instructor at the beginning of their first year for placement. Students interested in continuing their language study should contact the program advisor as early as possible.

Study abroad programs are offered through the International Office and are highly recommended for the minor. Internships are also available.

See Literature and Culture Studies in English Translation description beginning on page 218 for information.

Minor Sequence in Japanese Studies:
Students desiring a minor in Japanese Studies will be required to fulfill the following sequence:

1) Japanese 201: Intermediate Japanese I
2) Japanese 202: Intermediate Japanese II
3) LC 304: Cross-cultural Communication
4) Two courses, one of which should be 300 level course, or three courses from the following:
Anthropology 273: Self and Society in Japan  
Japanese 301: Advanced Japanese  
Japanese 303: Studies of Japanese Linguistics  
Japanese 310: Studies in Literature and Humanities  
Japanese 311: Studies in Social Science  
Japanese 410: Advanced Japanese Language Studies  
LC 106/JPN 306: Japanese Studies Through Popular Media  
LC 202: Japanese Literature and Culture  
LC 205: Language and Culture in Japan  
LC 207: Language and Gender, US and Japan  
LC 209/JPN 309: Business Communication in Japan  
LC 303: War and Peace in Japan  
LC 308: Japanese Way of Life  
History 101: Introduction to Japanese History  
History 202: World War II in the Pacific  
History 301: Modern Japan, 1900–Present  
Religion 292: Religion in Contemporary Japan  
Fine Arts 120: Japanese Film and Aesthetics  
Physics 239: Problems of Nuclear Disarmament  

101 **Beginning Japanese I** An introduction to the four basic language skills: listening, speaking, reading and writing. Includes an introduction to grammar and alphabets (hiragana and katakana) and kanji. *Offered each fall.*  

102 **Beginning Japanese II** A continuation of Japanese 101. Another hundred kanjis will be added. Prerequisite: 101 or equivalent. *Offered each spring.*  

LC 105 **Special Topics in Japanese Literature in Translation (LIT)** This course will vary in content and approach to emphasize genres, themes, and periods in Japanese literature. Readings and lectures in English. May count toward minor in Japanese. General credit category: Literature.  

201 **Intermediate Japanese I (LA)** Higher communicative skills will be reached by learning another hundred additional kanji as well as complex grammar structures. Prerequisite: 102 or equivalent. *Offered each fall.*  

202 **Intermediate Japanese II (G)** A continuation of Japanese 201. Students will learn more complex grammar and a few hundred more kanjis. Cultural and social aspects of the Japanese people are discussed through the language, learning to improve communicative skills. Prerequisite: 201 or equivalent. *Offered each spring.*  

LC 202 **Japanese Literature and Culture (LIT, G)** This course is a broad, but in-depth, introduction to Japanese literature and culture. Besides thematic and literary analyses, careful attention will also be given to the cultural, social, and historical factors that have created the various genres found in the Japanese language. *Offered each May.*  

LC 205 **Language and Culture in Japan (CSI, G)** Focus is placed on the Japanese language as a social institution and its role in daily life of contemporary Japanese society. Various media forms will be used. *Offered each fall.*  

LC 207 **Language and Gender: US and Japan (CSI, G)** This course will examine gender differences in language use and communication styles, using various examples in Japanese. *Offered each spring.*  

303 **Studies in Japanese Linguistics (FR)** Topics covered will include Japanese syntax, morphology, semantics, phonetics, and sociolinguistics. The main objective is to
develop the ability to analyze the Japanese with formal reasoning and gain knowledge of terms and issues in Japanese linguistics. Prerequisite: 101 or equivalent. Offered as needed.

**LC 304  Cross-cultural Communication: US and Japan (CSI, G)**  This course will focus on the interpersonal relationships between/within the US and Japan. Students will conduct research on various issues, including discrimination, misunderstanding, and prejudice. Offered each spring.

**306/LC 106  Japanese Studies Through Popular Media (CHC, G)**  This course examines Japanese language, culture and history as observed in Japanese animations (Anime). Special focus is placed on analyzing cultural and historical illustrations in Anime. Offered occasionally.

**LC 308  Japanese Way of Life: Traditions and Changes (IT, G)**  This course explores the development of Japanese thoughts from antiquity to the present, focusing on issues of continuity and change. Students will study the major intellectual movements in Japan over time and examine the impact that modern influences from the West have had on traditional Japanese language, culture, and society. Offered in alternate years, May Term.

**309/LC 209  Business Communication in Japanese Media (CSI, G)**  Students learn common Japanese business phrases and idioms and explore communication practices in Japanese business settings and business systems. For Japanese 309 students, additional assignments are done in Japanese to improve their language skills. Offered as needed.

**310  Studies in Literature and Humanities (to be taken abroad)**  Upper level courses in an approved study abroad program in the literature or the humanities category, including art history, theater, gender studies, music history, philosophy, and religion. Readings and lectures are in Japanese. Credit should be discussed with a member of the Japanese faculty before departure.

**311  Studies in Social Science (to be taken abroad)**  Upper level courses in an approved study abroad program in the social science category, including business, economics, history, political science, sociology, geography, and anthropology. Readings and lecture are in Japanese. Credit should be discussed with a member of the Japanese faculty before departure.

**410  Advanced Japanese Language Studies (to be taken abroad)**  Upper level course taken in an approved study abroad program. This course will contain a strong writing component in addition to practice in reading and conversation in Japanese. Credit should be discussed with a member of the Japanese faculty before departure.

**LATIN**

*Sultan, Coles*

**101  Beginning Latin I**  First course of basic sequence; no prior knowledge expected. Grammar and vocabulary building through short sentence practice and drill. Discussion of Roman culture and society. Offered every fourth semester.

**102  Beginning Latin II**  Completion of basic grammar and introduction to reading of texts. Prerequisite: Latin 101 or by placement. Offered the semester following 101.

**201  Intermediate Latin (LA)**  Introduces students to intermediate Latin prose through study of three works to be selected from the following genres: forensic oratory, history, biography, and letters. Authors may include Nepos, Cicero, Livy, Sallust, and Pliny the Younger. Includes study of the author’s career and historical and cultural milieu of the works, as well as Latin grammar and vocabulary. Prerequisite: Latin 102 or equivalent. Offered every third semester following 102.

**399  Independent Study**  Directed reading of Latin at the fourth semester or above. Text will be chosen by student in consultation with the instructor. Prerequisite: Latin 201 and consent of instructor. Offered by arrangement.
LATIN AMERICAN STUDIES

For information about the major or minor in International Studies with a concentration in Latin American Studies, please see International Studies on page 202.

LITERATURE AND CULTURE STUDIES IN ENGLISH TRANSLATION

Balina, Coordinator

Courses in Literature and Culture Studies in English Translation are designed to provide students with a knowledge and understanding of the literature/culture of non-English speaking countries. Depending on the course, students will be introduced to issues that are at the core of a national literature, culture or linguistic practice. These courses may focus either on one specific country (i.e. France, Germany, Japan, Russia) or present specific trends that cut across geographical boundaries. Readings, lectures, discussions in English.

LC 105 Special topics in Japanese Literature in Translation (LIT) This course will vary in content and approach to emphasize genres, themes, and periods in Japanese literature. Readings and lectures in English. May count toward minor in Japanese. General credit category: Literature.

LC 106/JPN 306 Japanese Studies Through Popular Media (CHC, G) This course examines Japanese language, culture and history as observed in Japanese animation (Anime). Special focus is placed on analyzing cultural and historical illustrations in Anime.

LC 110 Playing Revolution (LIT) Readings and lectures in English. Plays focusing on political rebellion or a revolution in ideas will be discussed in terms of historical background, film versions, and contrasting genres (poetic drama, classical drama, epic drama, documentary drama). Includes but is not limited to Goethe’s Faust, Schiller’s William Tell, and plays by Bertolt Brecht. Students must take German 387 instead if majoring or minoring in German Studies. Offered in alternate years.

LC 112 German Romanticism (IT) Readings and lectures in English. The course explores German Romanticism in literature, philosophy, and music. One Wagner opera; and the influence of Romanticism on German nationalism, Nietzsche, and Thomas Mann will also be discussed. Readings include Schlegel, Fichte, Heine, Kleist, women in Romanticism, E.T.A. Hoffmann, and Robert Schumann. Students must take German 340 instead, if majoring or minoring in German Studies. Offered in alternate years.

LC 115 Special Topics in German Literature in Translation (LIT) This course will vary in content and approach to emphasize genres, themes and periods in German literature. Readings and lectures in English. General credit category: Literature.

LC 116 German Postwar Cinema (AR, G) This comparative course focuses on the different cinematic traditions that emerged in East and West Germany. It addresses the interaction between socio-historical context and the creative process as seen through film structure, style and content. The course includes discussions of propaganda, avant garde, feature and popular cinema and films by Beyer, Dorrie, Fassbinder, Sanders Brahms, Staudte and Wolf. All lectures, materials and discussions are in English. Offered occasionally in alternate years.

LC 125 Special Topics in French Literature in Translation (LIT) This course will vary in content and approach to emphasize genres, themes and periods in French literature. Readings and lectures in English. General credit category: Literature.

LC 135 Special Topics in Hispanic Literature in Translation (LIT) This course
will vary in content and approach to emphasize genres, themes and periods in Hispanic literature. Readings and lectures in English. General credit category: Literature.

LC 145 Special Topics in Russian Literature in Translation (LIT) This course will vary in content and approach to emphasize genres, themes and periods in Russian literature. Readings and lectures in English. May count toward minor in Russian. General credit category: Literature.

LC 165 Special Topics in Italian Literature in Translation (LIT) This course will vary in content and approach to emphasize genres, themes and periods in Italian literature. Readings and lectures in English. General credit category: Literature.

LC 170 Special Topics Introductory study of a wide variety of selected topics in literature and culture in translation, which are not covered in regular course offerings. This course may be repeated if the subject matter differs. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

LC 173 Tales of Mystery, Horror, and Humor (LIT) Critical reading and interpretation of famous French, German, and Russian short fiction in translation. The course includes the most influential continental writers in the genre: Gogol, Kleist, Balzac, Kafka, Chekov, and Maupassant. Textual strategies of the fantastic and of realism will be explored. Stories will also be discussed in historical as well as literary context. Classes are part lecture, part discussion. Offered in alternate years.

LC 202 Japanese Literature and Culture (LIT, G) This course is a broad, but in-depth, introduction to Japanese literature and culture. Besides thematic and literary analyses, careful attention will also be given to the cultural, social and historical factors that have created the various genres found in the Japanese language.

LC 205 Language and Culture in Japan (CSI, G) This course aims at developing the students' understanding and critical perspectives towards the dynamic relationship between the language and cultural behavior in the Japanese society. Offered every other fall.

LC 207 Language and Gender (CSI, G) This course considers gender differences in language use as practices of social institutions and investigates the ways in which the gender differences influence communication styles between men and women. This course also encourages students to reflect upon the advantages/disadvantages that the gender differences create and consider how we can promote gender equality in society. Offered in alternate years.

LC 209/JPN 309 Business Communication in Japanese Media (CSI, G) Students learn common Japanese business phrases and idioms and explore communication practices in Japanese business settings and business systems. For Japanese 309 students, additional assignments are done in Japanese to improve on their language skills.

LC 224 Cultural Questions and Contexts in African Film, 1960-Present (CHC, G) Students concentrate on sociocultural, economic, and historical issues raised by African filmmakers while learning about African film history. The films and readings represent three major historical periods: the early days of independence struggles (late 50s-early 60s), independence era films (1970s-1980s), and the postcolonial/contemporary era (1990s to the present). Offered in alternate years.

LC 242 Strangers in Their Own Home: Yiddish Culture of Eastern Europe (IT, G) This course will examine the intellectual traditions that influenced the growth and development of Yiddish culture between 1800 and the present. The focus will be placed on traditional values in the life of the Jewish community in Russia and Eastern Europe, their positive as well as restrictive impact on individual Jewish experience. The study of the intellectual traditions will be reflected through three major areas of human experience: literature, arts, and film. Texts will be read in English translation. May count toward Russian major/minor. Offered in alternate years.
LC 245  Russian Culture and Society Through Film (CHC, G)  This course will acquaint students with Russian cultural history focusing on the tremendous changes in the country from the Bolshevik Revolution of 1917 to the present. The films selected for viewing and class discussions demonstrate cultural and sociopolitical conditions unique to Russia. Covers major events in the history of Soviet culture and the rapid and unpredictable changes in contemporary Russia. Offered in alternate years, fall semester.

LC 247  Fairy Tales of the 20th Century (AV)  This course analyzes the ethical and philosophical values expressed through the early forms of culture-myth and folklore. It analyzes the transformation of the fairy tale into the literature, film, and popular beliefs of the 20th Century. Discussions are based on Russian fairy tales, literary texts, art, music and film, as well as Western interpretations of the traditional fairy tale values. All lectures and discussions are in English. Offered in alternate years.

LC 250  Dangerous Texts: Russian Literature and Politics (LIT, G)  This course will examine in translation “dangerous texts” of the 19th and 20th century. Students will learn which characteristics of texts and their authors were seen as threats, how these threats were dealt with, and how all of these factors affected the very nature of writing and reading in Russia. Reading list includes works by: Pushkin, Gogol, Dostoyevsky, Chekhov, Bulgakov, and Mayakovsky. Offered in alternate years.

LC 260  Italian Cinema (AR)  This course will focus on the development and evolution of Italian cinema proceeding chronologically from 1912 to the present. Particular attention will be paid to questions of national identity, gender and political and social history. The class will center on the viewing and discussion of films and will survey a broad spectrum of directors and styles. Lectures, readings, and discussions in English. Knowledge of Italian not required. Offered occasionally.

LC 265  Renaissance Italy (IT)  From its passion for antiquity to its contrast with the Middle Ages, the Italian Rinascimento represents a turning point in Western history. The goal of this travel course is to introduce students firsthand to the art, architecture, literature, and history of Renaissance Italy. Prerequisite: Permission of the instructor. Offered occasionally in May Term.

LC 270  Special Topics  Intermediate study of a wide variety of selected topics in literature and culture in translation which are not covered in regular course offerings. This course may be repeated if the subject matter differs. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

LC 272  From Utopia to Science Fiction: Imagining the Future in Russia and Germany (IT)  This course traces the development of utopian thought in the 20th and 21st centuries primarily in Russia and Germany, but also with select examples from other Central European countries. Special attention will be given to the dialogue between utopia/dystopia/anti-utopia/critical utopia and science fiction in prose, political texts, film, art and music. We will look at the utopian ideal in communism and in the context of post-communist culture touching upon aspects of gender, class, generation, technology, ecology, etc. All lectures, readings, and discussions are in English. Offered each spring.

LC 273  Standing in the Shadows: Global Film Noir (AR)  Examines the subdued crime thrillers produced since the mid-1940s. American, British, German, Italian, French, and Japanese films noir, two 21st century neo-noirs, and readings from scholarship on the genre form the basis of class discussions and assignments. Students will also learn rudimentary film production through two short film assignments. Offered as needed.

LC 274  The Superwomen of Central European Fiction and Film (CHC, G, W)  This course examines the role of women in Central Europe, including Germany, Poland, the Czech Republic, and Slovakia through literature and film. It focuses on the process of identity formation of women and their struggle to come to terms with the failed promises of emancipation made by respective communist revolutions. In the process, it assesses the
historical and cultural conditions of creating the New Socialist Personality, the communist ideal “superson”. The course also contains a comparative element with select authors from the former “West” and the experiences of women after the fall of the Iron Curtain. All course work is in English. Offered in alternate years, fall semester.

LC 304  Cross-cultural Communication: US and Japan (CSI, G)  The main focus of the course is on the effects of cross-cultural communication between Americans and the Japanese on interpersonal relationships, but implications for the values reflected in mass communication, political equality, and educational opportunity are also discussed. Offered every other May.

LC 308  Japanese Way of Life (IT, G)  This course explores the development of Japanese thoughts from antiquity to the present, focusing on issues of continuity and change. Students will study the major intellectual movements in Japan over time and examine the impact that modern influences from the West have had on traditional Japanese language, culture, and society. Offered every other May.

LC 347  The Moral Impulse in Russian Culture: Reading Leo Tolstoy (AV)  Leo Tolstoy considered his primary task as a writer to influence and to shape the morality of the Russian nation. He viewed the family as the primary source of the moral development of the human being. The course will examine two of his works, Anna Karenina, and The Kreutzer Sonata and focus on family values—the questions of love, adultery, and moral responsibility—as they are expressed in these works. All lectures and discussions are in English. Offered occasionally.

LC 350  Terrible Perfection: Women in Russian Literature and Film (LIT, G)  In this course, we will examine the development of female characters in Russian literature and cinema. Special attention will be given to the women’s role in Russian culture, society, and history. The course will focus on the investigation of the relationship between women and cultural traditions and women and political oppression. A wide range of Russian/Soviet texts and films will be presented. Offered occasionally.

LC 370  Special Topics  Advanced study of a wide variety of selected topics in literature and culture in translation which are not covered in regular course offerings. This course may be repeated if the subject matter differs. See current Program of Classes to determine if this course fulfills general education requirements. Prerequisite: Gateway Colloquium. Offered occasionally.

LC 377  Studies in Comparative Literature  Designed to investigate various aspects of literature in a comparative context. Treats two or more national literatures and will vary in content and approach. Offered occasionally.

LC 380  Introduction to Literary Theory  Taught in English, introduces students to various formative stages of twentieth-century literary theory and their applications with emphases varying from year to year. Open to all students interested in literature. Offered occasionally.

MATHEMATICS

Drici, He, Jeter, Lee, Roberts, Shallue

Mathematics is the language of science, providing a framework for analyzing the world by abstracting from our observations that which is essential to the question at hand. A successful study of mathematics gives the student a powerful approach to solving problems through organization, simplification, and abstraction. This process often leads to solutions and techniques of great beauty independent of their application. The aim of the Department of Mathematics is to give its students an understanding of some of the theories and methods of
mathematics as well as an appreciation of their beauty.

In today’s job market, individuals with highly developed analytical and problem-solving skills are in great demand and so there are a number of career options open to the students who choose to major in Mathematics. These include careers in secondary education, actuarial science, operations research, scientific computing, and management science and other areas of business. The Department of Mathematics maintains a list of suggested tracks of courses for different career paths, including a 3:2 Dual-Degree Pre-Engineering Program.

Mathematics majors, including first year students should seek advisement by a member of the mathematics faculty as soon as possible.

All students will begin their study of mathematics with MATH 176. The Applied Analysis sequence is an alternative approach to Calculus, which uses a more sophisticated and rigorous approach and integrates multivariate calculus with single variable calculus. Placement into MATH 177 or MATH 278 (Applied Analysis 2 or 3) via AP credit is not allowed.

Individuals who do not start their college mathematics with calculus should take MATH 105, MATH 110, or MATH 140, depending on their major interests.

Credit will not be allowed for any course that is taken after the successful completion of another course for which the first course was a prerequisite.

**Major Sequence in Mathematics:**
A minimum of eleven course units in mathematics to include:

1) MATH 176, 177, 278.
2) MATH 200 and 215. Both MATH 200 and MATH 215 should be completed by the end of the second year. Students should consult with a mathematics advisor in order to determine the best time for them to take these courses.

And a minimum of six courses that satisfy the following requirements:

3) Two courses selected from MATH 405, 410, 415, 425, 440, or 470. Students must take at least one 400-level course in mathematics in their senior year. Students are allowed to take more than two 400-level courses.
4) Four additional electives selected from Math 300, 303, 307, 310, 311, 324, 325, 330, 337, 340, 351, 360, 405, 410, 415, 425, 440, or approved 370/470.

MATH 105, 106, 110, 135, 136, 140, 397, 495, 499 will not count towards the Mathematics major.

**Minor Sequence in Mathematics:**
A minimum of six course units in mathematics to include:

1) MATH 176, 177, 278
2) MATH 200 or 215
3) Two additional courses numbered 300 or above, but excluding MATH 397.
4) MATH 105, 106, 110, 135, 136, 140, 397, 495, and 499 will not count towards the Mathematics major or minor.

Mathematics majors and minors who desire secondary education licensure and/or middle school teaching endorsements should apply to the Teacher Education Program in their sophomore year. Those students should also refer to the Educational Studies curriculum description in this Catalog and the Teacher Education Program Handbook (http://www.iwu.edu/edstudies/
handbooks/) for further information.

The Department of Mathematics maintains three computer labs. A Mathematics Learning Center (MLC) is also available throughout the academic year. It is staffed with student assistants under faculty supervision and is open to students enrolled in most first-year courses.

**105  Mathematical Concepts for Elementary Teachers I**  Study of mathematical concepts including counting and cardinality, operations, and algebraic thinking, number and operations (base ten and fractions), with attention to mathematical practices and the historical development of mathematical concepts. Emphasis on mathematical reasoning, including proof. This is not a methods course. Will not count toward the major or minor in mathematics. Prerequisite: ACT score of 22 or SAT score of 1030. Enrollment limited to elementary teacher education majors. *Offered each fall.*

**106  Mathematical Concepts for Elementary Teachers II (FR)**  Study of mathematical concepts including measurement and data, geometry, statistics, probability, with attention to mathematical practices and the historical development of mathematical concepts. Emphasis on mathematical reasoning, including proof. This is not a methods course. Will not count toward the major or minor in mathematics. Prerequisite: 105. Enrollment limited to elementary teaching education majors. *Offered each spring.*

**110  Finite Mathematics (FR)**  Topics to be selected from solving systems of linear equations using Gaussian and Gauss-Jordan Elimination, matrix algebra, linear programming, probability, mathematics of finance, statistics, and Markov chains. Will not count toward the major or minor in mathematics. Prerequisite: two years of high school algebra and one year of high school geometry. *Offered each semester.*

**135  Applications of Sets, Logic, and Recursion (FR) (Cross-listed with CS 135)**  Introduction to functional programming and discrete mathematics. Sets, functions, and relations. Basic logic, including formal derivations in propositional and predicate logic. Recursion and mathematical induction. Programming material: Data types and structures, list processing, functional and recursive programming. No prerequisite. Will not count towards the major or minor in mathematics. *Offered each year.*


**140  Mathematics of Finance (FR)**  An introduction to the mathematics of finance. Topics will include geometric and arithmetic sequences and series, simple interest, compound interest, bank discounts, treasure bills, time diagrams, ordinary annuities, annuities due, general annuities, retirement annuities, amortization, sinking funds and other selected topics that could include bonds, life insurance, and stocks. Prerequisite: Two years of high school algebra, or the equivalent. *Offered each fall.*

**176  Applied Analysis I: A Sequential Approach to Multivariate Calculus (FR)**  Careful study of the real number system, sequential limits of functions from Rn to R, definition of the derivative, and derivative rules and applications. Students will learn the basics of proving limits, as well as their use. Prerequisites: Two years of high school mathematics, including algebra, trigonometry, pre-calculus. *Offered each semester.*

**177  Applied Analysis II: A Sequential Approach to Multivariate Calculus**  A continuation of MATH 176 to include: differential calculus of vector-valued functions, vector fields, differentiation for functions of several variables, and integration for functions of one variable. Prerequisite: 176. *Offered each semester.*

**200  Techniques of Mathematical Proof (W)**  Writing mathematical proofs. Topics
to include naive set theory, indexing sets (including arbitrary indexing), relations, equivalence relations, functions, function inverses and inverse images, composition of functions, induced functions on power sets, finite and infinite sets, countable sets, mathematical induction. Prerequisite: Consent of the instructor. Offered each semester.

215  **Linear Algebra (FR)**  Vector spaces, linear mappings, determinants, matrices, eigenvalues, geometric applications. Prerequisite: 176, or consent of the instructor. Offered each semester.

278  **Applied Analysis III: A Sequential Approach to Multivariate Calculus**  A continuation of MATH 177 to include: infinite series, integration for functions of several variables and vector fields, Green’s and Stokes’ Theorems, basic topology of the real number line. Prerequisite: 177. Offered each semester.

300  **Mathematical Modeling**  This course demonstrates the applicability of mathematics in the formulation and analysis of mathematical models used to solve real world problems. Students are expected to write the results of the models obtained in technical reports and to give oral presentations. This course is taught with the aid of a computer lab. Prerequisite: 177 or 215, and at least one additional mathematics course at the 200-level or 300-level. Offered in alternate years, fall semester.

303  **Regression and Time Series**  This course introduces statistical methods used in practice: simple and multiple linear regressions, hypothesis testing and confidence intervals in the linear regression models, autoregressive, and ARIMA models, data analysis and forecasting with time series models. Prerequisite: 325 or one of the following: Biology 209, Economics 227, Psychology 227 or Sociology 227. Offered fall term of even-numbered years.

307  **Numerical Analysis**  Numerical processes and error estimates relating to nonlinear equations, linear systems of equations, polynomial interpolation and approximation, spline functions, numerical integration and differentiation, and initial-value problems in ordinary differential equations. Prerequisite: 177 and 215. Offered in alternate years, fall semester.

310  **Combinatorics and Graph Theory**  Topics to include basic counting techniques (counting principles, binomial identities, inclusion/exclusion, recurrences, and generating functions), an introduction to graph theory, and extremal problems. Prerequisite: 200 and 278. Offered in alternate years, spring semester.

311  **Parallel Computing**  Theory of parallel computation including parallel architectures, processor communication schemes, algorithm complexities, and scalability. Applications of parallel computation, including cellular automata, neural networks, and numerical linear algebra. Prerequisite: CS 127, MATH 177, MATH 215, and consent of instructor. Offered occasionally.

324  **Probability**  An introduction to probability; random variables with discrete and continuous distributions, independence and conditional probabilities, distributions and expectations of random variables, moment generating functions, joint distributions. Prerequisite: 177 and 215. Offered each fall.

325  **Mathematical Statistics**  Transformation of random variables, order statistics, central limit theorem, estimation and hypothesis testing; point estimation, interval estimation, sufficient statistics, most powerful tests, likelihood ratio tests, chi-square tests. Prerequisite: 324. Offered each spring.

330  **Linear Programming**  Convex sets; primal, dual, and other simplex procedures; duality, linear complementarity, Lemke’s complementary pivoting algorithm, transshipment problems, other applications and topics. Prerequisite: 177 and 215. Offered in alternate years, fall semester.

337  **Algorithmic Number Theory**  This course introduces the mathematics necessary
to understand public key cryptography. Students will prove results from number theory and analyze algorithms to determine their running times. Topics include modular arithmetic, units and squares modulo integers, Fermat’s little theorem, determining primality, and factoring composites. Prerequisite: CS/MATH 135 or MATH 200. Offered in alternate years.

340 Differential Equations  Topics may include, but are not limited to, first-order equations, linear higher order equations, systems of differential equations, series solutions, Laplace transforms, and other selected topics. Prerequisite: 177. Offered each spring.

351 Wavelet Analysis  Topics to be covered include spline functions, inner product spaces, Fourier series, Fourier transform, multiresolution analysis, Haar wavelet analysis, Daubechies wavelets, Frances and multiwavelets. Prerequisite: 215 and 278. Offered in alternate years, spring semester.

370/470 Topics in Mathematics  Topics in pure and applied mathematics not covered in other offerings. Math 470 will be proof oriented. May be repeated for different topics. Prerequisite: varies with the topic. Offered as needed.

397 Internship  This course provides opportunities for junior and senior mathematics majors to apply skills acquired in the classroom to a job-related experience in various professional areas and locations. Will not count towards the major or minor in mathematics. Prerequisite: consent of department head. Offered as needed.

405 Modern Algebra  Groups, rings, ideals, integral domains, fields. Prerequisite: 177, 200, and 215. Offered in alternate years, spring semester.

410 Introduction to Complex Analysis  This course provides a rigorous introduction to the theory of functions of a complex variable, which extends Calculus to the complex domain. Topics covered include complex numbers, analytic functions, integrals, power series, elementary complex functions, mappings by elementary functions, elementary conformal mappings, Cauchy’s Integral Theorem, the Residue theorem, and harmonic functions. Prerequisites: 200, 215, and 278. Offered in alternate years, spring semester.

415 Introduction to Real Analysis  A rigorous study of the real number system, functions, limits, continuity, derivatives, integrals, sequences, and series. Prerequisite: 200, 215, and 278. Offered in alternate years, fall semester.

425 Topics in Geometry  Selected topics in geometry emphasizing the pertinent theorems, proofs, definitions, postulates, and axioms, where applicable. Possible topics include synthetic Euclidean geometry, convexity, metric geometry, projective geometry, synthetic geometry, etc. Prerequisite: 177, 200, and 215. Offered in alternate years, spring semester.

440 Topology  Selected topological topics to include: open sets; closed sets; accumulation points; the interior, exterior, and boundary of a set; compact sets; connected sets; continuous functions; and homeomorphisms. Prerequisite: 177, 200, and 215. Offered in alternate years, fall semester.

495 Directed Study  Individual directed readings on a topic of interest to the student. This course is a preparation for Math 499 (Research/Thesis). The course requires a significant review of the literature that culminates in a committee-reviewed manuscript. Will not count towards the major or minor in mathematics. Prerequisite: two courses in mathematics at the 300-level or higher. Requires permission of department head and faculty research advisor. Open only to mathematics majors with a cumulative GPA of 3.5 or higher in mathematics. Offered each semester.

499 Research/Thesis  Experimental or theoretical examinations of a significant problem in a topic of interest to the student that is not normally part of the curriculum. It includes as a requirement the preparation of a significant paper. Prerequisite: consent of department head. Offered each semester.
MILITARY SCIENCE

The goal of the Army Reserve Officers’ Training Corps (ROTC) is to commission college graduates into the Active, National Guard, and Reserve components of the Army. Military science classes are conducted on Illinois State’s campus. Military science classes are recorded on students’ transcripts, but they are not figured in the students’ GPA. No military science credit is granted towards graduation or other university requirements.

Military Science students can receive financial aid through Federal Army ROTC scholarships, which are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship pays either 100% tuition and fees or room and board, provide a book allowance of $1,200 a year, and a tax free stipend that increases from $300 to $500 as the student progresses through the program.

Sequence: To complete the basic course a student must complete MCS 101, 102, 112, 111 normally taken in that sequence over a four semester period. Exceptions are determined by law and may be discussed on an individual basis with the professor of Military Science. Entry into the advanced course requires successful completion of the basic course, basic camp, or advanced placement and acceptance by the professor of Military Science. The advanced course must be completed over a four semester period, the usual sequence consisting of MCS 220, 221, 240, 241. In addition to the Military Science classes, there is also a mandatory Military History class.

101 Introduction to Leadership: Individual Effectiveness
Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions. Offered each fall.

102 Introduction to Leadership: Teamwork
Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions. Offered each spring.

111 Applied Leadership II
Provides in-depth and critical assessment of the role, functions and traditions of U.S. commissioned officers. Offered each spring.

112 Applied Leadership
Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context. Offered each fall.

200 Leadership Laboratory
Provides development by practical application of the student’s leadership characteristics through progressive training in leadership, drill and command. Reg. in AROTC Advanced Course required. This lab is mandatory for the MSC 111 and 112 as well as the Senior portion of the program. Offered each semester.

203 Cadet Initial Entry Training
Provides instruction and practical application on basic military concepts of map reading, tactics, principles of instruction, drill and ceremony. Training is presented off campus at Fort Knox, Kentucky. Cons. inst. req. Cr/No Cr. only. Not open to students who have had MSC 101, 102, 111, and 112. Offered each summer.

220 Advanced Leadership and Tactics I
Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems. Consent of instructor required. Offered each fall.
221  **Advanced Leadership and Tactics II**  Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation. Reg. in AROTC and MSC 220 or consent of instructor required.  
Offered each spring.

240  **Advanced Applied Leadership I**  Fundamental concepts of military justice; principles of court martial and nonjudicial punishment; staff principles and procedures in the Army organizational structure. Reg. in AROTC Advanced Course or consent of instructor required.  
Offered each fall.

241  **Advanced Applied Leadership II**  Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership. Reg. in AROTC Advanced Course or consent of instructor required.  
Offered each spring.

242  **Cadet Leadership Course**  Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop leading. Training is presented off campus in Fort Knox, KY. Reg. in AROTC Advanced Course req. Cr/No Cr. only.  
Offered each summer.

**MODERN LANGUAGE**

*Balina, Coordinator*

The Modern Language course rubric is housed in the Department of German, Russian, and Asian Languages. It was designed as a way to offer courses in modern language and culture that are not regularly offered. Students should consult the current schedule of classes under “Modern Language” for specific offerings in a particular semester.

For information on individual programs go to the corresponding page listed below:

French and Francophone Studies, see page 177.
German Studies, see page 181.
Greek and Roman Studies, see page 185.
Greek, see page 184.
Latin, see page 218.
Hispanic Studies, see page 189.
Spanish, see page 273.
Italian Studies, see page 214.
Japanese Studies, see page 215.
Literature and Culture Studies in English Translation, see page 218.
Russian, see page 268.

101, 102  **Beginning Modern Language I & II**  An introduction to a modern language and culture not regularly offered. The courses will emphasize the skills of listening, speaking, and reading, and introduce students to writing. Primary emphasis is placed on oral communication skills and on functioning in real-life situations in an appropriate cultural context. Prerequisite for 102: 101 or equivalent.  
Offered sequentially, as needed.

103  **Introduction to General Linguistics (Cross-listed with COG 103)**  General Linguistics studies the structural patterns, meaning, usage in society, historical development, and biological foundation of human language. The core course work will examine phonetics and phonology, morphology and syntax, and semantics. Readings may also cover language acquisition, social and geographic variation, pragmatics, neurolinguistics. Examples will be drawn from world languages, including English. No prerequisites.

201  **Intermediate Modern Language I**  This course continues the proficiency-
An oriented approach of the beginning sequence. It is designed to strengthen the four basic language skills, as appropriate to the language. Prerequisite: 102 or equivalent. Offered as needed.

MUSIC

Pelusi, School of Music Faculty

(For detailed information about the BM and BME degree programs and specific course offerings see section on The School of Music beginning on page 291.)

The School of Music offers a variety of courses and performance opportunities that are available to all University students. Students interested in fulfilling General Education requirements in “The Arts” through participation in ensembles and/or applied music lessons may choose from among the following four options:

A. Four semesters of piano lessons (MUS 100) OR one semester of Beginning Class Piano for Non-Music Majors (MUS 101) plus two semesters of applied piano (MUS 100).

B. 1. Four semesters for voice lessons (MUS 100) OR two semesters of voice (MUS 100) with concurrent enrollment in either University Choir (MUS 026) or Collegiate Choir (MUS 023).

C. Four semesters of classical guitar lessons (MUS 100) OR two semesters of applied classical guitar (MUS 100) with concurrent enrollment in Guitar Ensemble (MUS 37).

D. Two semesters of one of the following ensembles: Orchestra (MUS 021), Wind Ensemble (MUS 022), Symphonic Winds (MUS 024), Jazz Ensemble (034), or Jazz Lab Band (MUS 035) with concurrent enrollment in the appropriate instrumental lessons (MUS 100).

Admission into these ensembles, with the exception of Jazz Lab Band (MUS 035) is based upon audition. All applied study requires the consent of the instructor. An extra fee is charged for private lessons.

See Page 84 of this Catalog for a full description of the general education category, “The Arts”.

Additional music courses are available to those students who possess the prerequisite knowledge of music theory and who are able to arrange compatible scheduling.

Study in applied music and participation in music ensembles and organizations are available to all qualified students at the University. An extra fee is charged for private lessons beyond those required by the curriculum. Admission into certain ensembles is based upon auditions. All applied study requires the consent of the instructor.

Music may form a major sequence for the degree, Bachelor of Arts. (See page 50 for professional degree requirements.) Acceptance into the program leading to the B.A. in music is based upon evaluation by music faculty members of an audition and an interview. See course listings in the Fine Arts section of this Catalog.

The Bachelor of Arts degree with a major in music is a program designed for students who wish to complete a general study of music within a liberal arts curriculum and is the preferred degree for students who wish to double
major. Course work and experiences are designed to provide opportunities for students to develop basic musicianship skills, performance skills, and to engage in a broad study of musical repertoire.

The music minor concentration is intended for qualified students who have a background in music and who wish to complete a secondary concentration in this area to complement their studies in the liberal arts. The minor concentration includes studies in the performance of music, development of basic musicianship skills, and opportunities to explore selected musical literature. Students who wish to complete the minor in music are to consult with the Director of the School of Music or a designated music advisor for assistance with course selection and sequence.

**Major Sequence:**
A minimum of 12 course units in music including:

1) 100A (no credit), 100B (no credit), 103, 104, 201, 202, 203, 204 (5 units total)

2) One unit in music history and literature taken as a writing intensive course (W) selected from 353w, 354w, 355w, 356w, or 357w.

3) Two additional units in music history and literature OR one additional unit in music history and literature and one unit in music theory and composition. History and literature courses must be selected from 353, 354, 356, 357, or 358. Theory and composition courses must be selected from 301, 302, or 309.

4) Two course units of applied B.A. study (1/4 unit each semester)

5) One course unit in appropriate ensembles. Pianists may fulfill any portion with accompanying, 031-01.

6) One to three course units of music electives.

7) One semester of 14X

8) Five semesters of 15X

**Minor Sequence:**
A minimum of seven course units in music including:

1) 103, 104, 201, 202 (3 units total)

2) one unit of applied minor study (1/4 unit each term for four terms)

3) one unit of ensemble

4) one unit of music history/literature (to be selected from 353, 353w, 354, 354w, 355, 355w, 356, 356w, 357, 357w, 358)

5) one unit of music electives

6) one semester of 14X

7) three semesters of 15X

**Jazz Minor Sequence for Music Majors:**
The total number of units is 5, and none of the courses cited below can count toward any of the major degree programs for music. Furthermore, music majors must also meet the prerequisites for each of these courses.

1) Jazz Improvisation (216) (1 unit)

2) Jazz History (264) (1 unit)

3) Jazz Piano (303) (1 unit)

4) Jazz Theory, Harmony, and Arranging (305) (1 unit)

5) Jazz Ensemble (034) (.25 unit); taken more than once*
6) Jazz Lab Band and Combos (035) (.25 unit); taken more than once*
*Any combination of Jazz Ensemble, Jazz Lab Band, or Combo will meet this requirement provided that students participate in at least one of these ensembles for a total of four semesters (also, the ensemble selected does not have to be the same one each of the semesters).

Jazz Minor Sequence for Non-Music Majors:
The total number of units is 7.
1) An audition (as an instrumentalist or vocalist)
2) Jazz Improvisation (216) (1 unit)
3) Jazz History (264) (1 unit)
4) Jazz Piano (303) (1 unit)
5) Jazz Theory, Harmony, and Arranging (305) (1 unit)
6) Jazz Ensemble (034) (.25 unit); taken more than once*
7) Jazz Lab Band and Combos (035) (.25 unit); taken more than once*
8) Music Theory I (103) (1 unit)
9) Music Theory II (104) (1 unit)
10) Applied Music (100) (.25); taken more than once **

*Any combination of Jazz Ensemble, Jazz Lab Band, or Combo will meet this requirement provided that students participate in at least one of these ensembles for a total of four semesters (also, the ensemble selected does not have to be the same one each of the semesters).

**This course must be taken twice and in most cases, the focus of applied instruction will be on classical music, not jazz music. Techniques for performing jazz music will be learned in Jazz Ensemble, Jazz Improvisation, Jazz Lab Band, Combos, and Jazz Piano.

Concentration in Music Composition:
For music majors who have a strong interest in composing but are not pursuing the Bachelor of Music in Composition, the School of Music offers the Concentration in Music
Course Requirements (6 credits minimum):
1) Composition: 1.5 credit minimum
   a) MUS 111: Introduction to Music Composition (.5)
   b) MUS 307: Free Composition (.5) (Can be repeated for credit).
2) MUS 227: Fundamentals of Conducting (.5)
3) MUS 309: Orchestration
4) MUS 301: Tonal Counterpoint or MUS 302: Advanced Analysis
5) MUS 313: Electroacoustic Music
6) MUS 358: History of Musical Style VI: Post-World-War II to the Present

Composition concentrations are available to students pursuing a BM, BME, or a BA in Music.

OFF-CAMPUS STUDY

THE IWU SEMESTERS IN LONDON AND SPAIN
Shimizu, Coordinator

Sophomore, junior, and senior students may choose to live and study for the fall semester in London or the spring semester in Barcelona, accompanied
by an IWU faculty member who will teach and live with them. Students earn four course units of credit during the semester, just as they would if they were studying on campus. The IWU faculty member teaches one of these courses, and students choose among other courses taught by local professors. All courses offered in the London Program fulfill 200-level general education degree requirements and courses in the Spain Program fulfill a mix of general education, Hispanic Studies, and Nursing requirements.

Besides traditional classroom activities, such as reading, lecture, and discussion, London and Spain Program courses take advantage of the unique opportunities for intellectual and personal growth available in two of the world’s greatest cities. In London, these include visits to Parliament, class sessions using the exceptional collections in the National Gallery or the Victoria & Albert Museum, and assignments analyzing performances on the London stage or concert hall. In Barcelona, these include world famous collections of art, as well as numerous historical and cultural opportunities available in Barcelona and other parts of Spain.

In London, students are housed in comfortable flats in safe neighborhoods convenient to shopping and public transportation. They have access to classrooms, library, and student-center facilities at the University of London. In addition to their studies in London, students also make day trips to relevant sites for study, such as Stratford-upon-Avon, Oxford, or Canterbury with the faculty. In Barcelona, students will attend classes at a centrally located academic center and live with host families within reasonable commuting distance, with trips within the city and to other parts of Spain.

Both programs require a program fee in addition to IWU room, board, tuition and fees for the term. This fee covers roundtrip airfare, travel costs for the full term, a weekly food stipend, sponsored trips outside London or Barcelona, banquets and other social activities, and on-site orientation.

Courses vary from year to year, but are selected from the list below. Each course takes advantage of the special opportunities available in London or Barcelona in a given semester. Each course may also be taken more than once if the subject matter is not duplicated, but only one will count for General Education credit in the designated category.

Students interested in enrolling in the London or Spain Programs should contact the International Office for information and an application packet. Applications for London are due by February 15 of the preceding spring term. Applications for the spring Barcelona semester are due in mid-April of the preceding spring term.

**OFF-CAMPUS STUDY—London or Spain (OCS)** These courses are for both London and Spain (taught in English for general education credit only.)

**220 Studies in the Arts** Courses in, for example, Art, Art History, Classical Studies, Creative Writing, Fine Arts, Music, Music Theatre, or Theatre that heighten awareness of an aesthetic dimension in human experience. These courses place the specific art(s) under consideration within the context of the time of original creation or performance and also within other appropriate contexts.

**221 Studies in Literature** Courses that focus on the critical reading and interpretation of literary texts, including study of style and structure, plot, imagery, and ideas. Works studied are presented in the larger cultural framework of which they are a part, and students actively interpret and make thoughtful judgments about them.
222 **Studies in Analysis of Values** Courses in any discipline that critically examine one or more issues of values arising in ethical, political, professional, religious, artistic, or other contexts. By engaging students in the rational analysis of values and their foundations, and by exposing students to alternative value frameworks, these courses encourage students to think more systematically about their own values.

223 **Studies in Contemporary Social Institutions** Courses in, for example, Anthropology, Business Administration, Economics, Educational Studies, Nursing, Political Science, Religion, or Sociology that explore the established practices, relationships, and organizations which influence the daily lives of individuals in society. Social institutions and/or structures examined include governments, religious organizations, education, the family, the media, and the legal, economic, health care, political and social welfare systems.

224 **Studies in Cultural and Historical Change** Courses in, for example, Economics, History, Music, Political Science, Religion, or Theatre in the London program that investigate the formation, persistence, and change of human–constructed institutions, emphasizing significant transformations in human social existence, and allowing historical personalities to speak across time and space. Each course acknowledges the complex interactions of social and historical context, recognizing that we cannot understand the present without the past.

225 **Studies in Intellectual Traditions** Courses in any discipline that explore major ideas that have made a difference in the shaping of culture and the course of events. Courses may focus on an individual figure, a broader intellectual movement, or a crucial concept or topic. Emphasis is placed on critical interpretation, analysis, and evaluation of ideas articulated in primary printed texts and, where appropriate, in works of art, architecture, and music.

226 **Studies in the Natural Sciences** Courses that help students develop the capacity for scientific literacy in preparation for responsible citizenship. Through laboratory or other learning experiences, students explore the methods by which scientists discover and formulate laws or principles that describe the behavior of nature in both living and non-living realms. Students also examine how scientific thinking applies to their own lives and address the issues that science and technological advances bring to society.

**OFF-CAMPUS STUDY—SPAIN (OCSP)** OCSP courses are taught in Spanish and may be either Hispanic Studies courses or general education courses taught in Spanish.

250 **Business Spanish** This course is designed for students planning to work in business and who want to acquire more business-related language and cultural competency skills before entering the work force. The course includes sections on the work force, businesses and entrepreneurs, products, publicity, banks and savings and loans, business trips, and business on the web. This course is taken abroad in the IWU Spain program or another comparable program. Prerequisite: Span 201.

227 **Studies in Second Language** Courses in this category develop a student’s ability to speak, read, listen and write in Spanish. Courses stress basic conversational skills necessary for survival in the target-language environment. All courses in this category seek to place the target language within a cultural context.

321 **Studies in Literature** Courses in this category focus on the critical reading and interpretation of literary texts. Taught in Spanish.

322 **Studies in Analysis of Values** Courses in this category critically examine one or more normative value issues arising in social, political, professional, religious, artistic, or other contexts. Normative value issues concern questions of what ought to be the case, and are thus distinguished from empirical and/or descriptive issues, which concern questions of what is, was, or will be the case. Courses in this category engage students in the rational examination of normative value issues and expose them to alternative theories.
and positions concerning such issues. Students are thereby challenged to think systematically about these issues and to refine and defend their views of them. Taught in Spanish.

323  Studies in Contemporary Social Institutions  Courses in this category explore the established practices, relationships, and organizations which influence the daily lives of individuals in society. Social institutions and/or structures examined include governments, religious organizations, education, the family, the media, and the legal, economic, health care, political, and social welfare systems. Taught in Spanish.

324  Studies in Cultural and Historical Change  Courses in this category investigate the formation, persistence, and change of human-constructed institutions, emphasizing significant transformations in human social existence, and allowing historical personalities to speak to us across time and space. Each class emphasizes the complex interactions of social and historical context, acknowledging that we cannot understand the present without the past. Taught in Spanish.

325  Studies in Intellectual Traditions  Courses in this category explore major ideas that have made a difference in the shaping of culture and the course of events. Courses may focus on an individual figure, a broader intellectual movement, or a crucial concept or topic. Emphasis is placed on critical interpretation, analysis, and evaluation of ideas articulated in primary printed texts and, where appropriate, in works of art, architecture, and music. Taught in Spanish.

326  Studies in Natural Sciences  Courses in this category help students develop the capacity for scientific literacy in preparation for responsible citizenship. Through laboratory and other learning experiences, students explore the methods by which scientists discover and formulate laws or principles that describe the behavior of nature in both living and non-living realms. Students also examine how scientific thinking applies to their own lives, and address the issues that scientific and technological advances bring to society. Two courses in this category are required, one of which deals primarily with scientific methods and laboratory techniques, and the other primarily with societal and ethical issues resulting from scientific techniques or findings. In addition, one of these courses must concern primarily life science concepts, and the other primarily physical science concepts. Taught in Spanish.

328  Studies in the Arts  Courses in this category heighten awareness of an aesthetic dimension in human experience through study of music, theater arts, visual arts, film, and/or creative writing. These courses place the specific art(s) under consideration within the context of the time of original creation or performance, and also within other appropriate contexts. Taught in Spanish.

PHILOSOPHY

Coleman, Blanchard, Criley, Engen, Kelahan

Philosophers try to make sense of reality and human experience through critical reflection and argument. The study of philosophy involves asking questions about the nature of knowledge, reality, and values, and formulating and evaluating answers to these questions. Students learn to reason more effectively and defend principled views. The department aims to: (1) help students from all fields develop habits of critical reading, thinking, and writing; (2) introduce students to philosophical issues including the nature of consciousness, personal identity, morality, and skepticism; (3) explore these and other traditional philosophical issues through the writings of such major philosophers as Plato, Descartes, Hume, Kant, and Mill; and (4) aid students in tracing connections among various disciplines.
The philosophy department offers courses to meet the needs of general education students wishing to explore perplexing and controversial questions about the fundamental nature of the world and human experience. The best way to learn about philosophy is by doing it, so all philosophy courses offer an open forum for a disciplined exchange of ideas. In such exchanges, students and professors learn from one another and from the careful reading and critical analysis of philosophical works. Among the traditional tasks of philosophers is the investigation of the aims and methodology of other disciplines and specific problems that arise from them. Thus, the department offers courses that probe the philosophical assumptions and implications of different disciplines, including courses in the philosophies of Religion, Natural Science, Psychology, Education, and Law.

The department offers: challenging programs for students who major or minor in philosophy; a diverse selection of courses from the different branches of philosophy; and courses taught on both historical and contemporary works using primary sources (in English translation where necessary).

Because philosophers investigate the foundations of other disciplines, philosophy is often studied in conjunction with another discipline. Many philosophy majors or minors have a second major or a minor in such fields as Literature, Political Science, Religion, Biology, Psychology, and Music. Majors and minors have considerable freedom to pursue their individual interests in independent studies, internships, and research honors. Students may declare a major in philosophy as late as their junior year.

**Major Sequence:**
A minimum of ten course units in philosophy to include:
1) PHIL 102, 280, 281
2) four upper division courses in philosophy (but not including Phil 397). These four must include:
   a) either PHIL 350 or 351
   b) either PHIL 304 or 356
   c) PHIL 355

**Minor Sequence:**
A minimum of six courses to include:
1) Philosophy 102, 280, 281
2) two additional courses at the upper–division level (but not including 397).

102 **Introduction to Symbolic Logic (FR)**  Introduction to systems of formal logic and to the use of such systems to model and evaluate inferences made in practical reasoning and natural language. Propositional logic, first-order quantifier logic, and the metatheoretic properties of soundness and completeness will be covered. No prior coursework in mathematics, logic, or philosophy is presupposed. *Offered annually.*

103 **Mind and World (IT)**  Is everything composed of matter? What are minds? Does all knowledge come from experience? Studying, discussing, and writing about these metaphysical and epistemological questions—as posed, for example, by Plato, Descartes, Locke, Hume, Kant, and Russell—will introduce students to major themes of Western Philosophy. *Offered annually.*

105 **Rights and Wrongs (AV)**  A first course in ethics, and a critical examination of central moral concepts and arguments. What makes an action morally permissible or
impermissible? Are there moral duties, and if so, what are they, and where do they get their authority? Contemporary issues commonly discussed include abortion, euthanasia, punishment, and torture. Offered annually.

106  God and Science (IT)  Examination of issues in the philosophy of science and the philosophy of religion. Topics may include models of the relationship between religion and science, issues in physical cosmology, the debate over creationism, the nature of 'emergent' properties/laws in complexity theory, or psychological accounts of religious experience. Offered as needed.

107  Introduction to the Philosophy of Natural Science (IT)  Analysis of the central methodology and conceptual schemes employed in scientific investigation. The course will examine accounts of scientific inferences and methods and may include criticisms offered by historians of science and feminist philosophers. Intended primarily for students with a minimum of one year of college-level work in the natural sciences. Offered as needed.

170  Special Topics  An examination, at the introductory level, of selected topics in philosophy not covered in regular course offerings. May be repeated for credit when different subjects are studied. See current Program of Classes to determine if this course fulfills general education requirements. Offered as needed.

204  Introduction to Ethical Theory (AV)  Examination of major moral theories such as those of Plato, Aristotle, Hume, Kant, and Mill. Questions to be examined include: What is the best life for a human being? What things are good? What is the foundation of the distinction between right and wrong? What motives do we have for acting morally? Offered annually.

205  What is Law? (AV, W)  Examination of fundamental questions concerning the nature of law, including: What is law? What distinguishes the law from moral or social rules? What authority does law have, and where does that authority derive from? What sort of normative standards does the law comprise—commands, rules, principles, exemplars?—and how are these standards related? Offered in alternate years, spring.

209  Philosophy of Religion (IT)  Is there evidence that God exists? Should we believe in miracles? Should faith in God be enough? During our examination of these questions, we will consider the nature of God’s attributes, arguments for God’s existence, alternatives to the Judeo-Christian conception of God, and whether belief in God requires rational support. Offered as needed.

213  Business Ethics (AV)  A critical examination of ethical issues arising in business affairs with some attention to ethical theory. Offered annually.

214  Philosophy of Education (AV)  Examination of the nature and roles of education and teaching. What are the aims of education? Do different political systems imply different approaches to schooling? What role should the state play in delivering education? Who should be educated, and why? Readings are from classical as well as contemporary writers. Offered annually.

224  Introduction to Social and Political Philosophy (AV)  Focusing on the justification of political structures, students will critically analyze, at an introductory level, a number of fundamental political issues: What makes a law a proper law? What makes a form of government legitimate? What may people be coerced to do and by whom? Readings include several major political philosophers. Offered occasionally.

225  Medical Ethics (AV)  A compressed introduction to ethical theory (first quarter of the course) and an examination of ethical problems arising in the context of medical and health care. Examination of such issues as paternalism, euthanasia, treatment of severely defective infants, reproductive rights, research on human subjects, and distribution of health care resources. Offered each spring.

230  Philosophy of Feminism (AV, U)  Investigation of how feminism and
philosophy inform one another. What is the nature of gender inequality in our society? Are rationality and objectivity gendered concepts? Examination of the relations between gender and such topics as social policy, law, ethics, pluralism, objectivity, and science. Offered as needed.

235  Computerization & Controversy: Social Aspects of the Information Revolution (AV) A philosophical examination of social, ethical, and political normative value issues raised by the computerization of our society, including: what should the right to privacy involve? Should there be controls over use of encryption? Should Internet resources be subject to laws governing intellectual property and copyright? Should there be regulation on Internet commerce? Offered as needed.

268  Hume's Philosophy of Religion (IT, W) Introduction to the philosophy of religion of David Hume (1711-1776), generally regarded as the greatest philosopher ever to write in English. Hume's *Dialogues Concerning Natural Religion*, one of the most influential works in philosophy of religion, critically examines the idea of intelligent design. Offered annually.

270  Special Topics An examination of selected topics not covered in regular course offerings. May be repeated for credit when different subjects are studied. See current Program of Classes to determine if this course fulfills general education requirements. Offered as needed.

280  History of Ancient Philosophy (IT) Survey of the development of philosophy from Thales to the early Roman philosophers, with emphasis on Plato and Aristotle. Prerequisite: One course in Philosophy. Offered each fall.

281  History of Modern Philosophy (IT) Survey of the development of philosophy from the rise of modern science to Kant, with emphasis on Descartes and the Classical Empiricists. Prerequisite: One course in Philosophy. Offered each spring.

300  Biology and Ethics (AV, W) A study of ethical and social issues arising out of the rapidly developing fields of reproductive biology and genetics. In the first quarter of the course, students will be introduced to different ethical theories; in the remainder of the semester, they will look at specific ethical issues. Issues examined may include those that arise in connection with RU-486, surrogacy, IVF, sex cell storage, cloning, and human stem cell research. Offered as needed.

302  Ethics and the Environment An examination of different ethical theories to see which provide an adequate basis for an environmental ethics—a basis for deciding whether and how we ought morally to treat non-human entities, including non-human animals and "nature." We will consider the answers they provide to fundamental ethical questions concerning the environment. The specific normative issues we examine will vary from year to year but they will include issues such as factory farming, genetically engineered crops, air quality, and the preservation of endangered species. Offered alternate years.

304  Ethical Theory (AV) A critical examination at an advanced level of different kinds of ethical theories. Ethical theories to be considered may include those of Butler, Hume, Kant, Bentham, Mill, Sidgwick, and Nietzsche. The course will focus on central ethical concepts and the way in which different ethical theorists organize them in a systematic way. Prerequisite: One course in Philosophy or consent of instructor. Offered annually.

305  Philosophy of Law (AV) Examination of philosophical and legal questions about judicial decision-making and the interpretation of law. Are there correct answers in controversial legal cases? What are a judge’s obligations in deciding such cases? Special attention will be paid to recent work in the intersection of philosophy of language and law. Prerequisite: One course in Philosophy or consent of instructor. Offered in alternate years.

307  Philosophy of Natural Science (IT, W) Analysis of central issues in the
philosophy of natural science, such as the problem of induction, scientific realism, and scientific theory selection. The course will examine accounts of these issues and may include alternative views provided by historians of science and feminist philosophers. Prerequisite: One course in Philosophy or consent of instructor. Offered as needed.

310  Social and Political Philosophy (IT, W)  A critical examination of questions such as: Why do we have to do what the state says? What is the basis of political obligation? What duties, if any, does the state have to its citizens? Is there a conflict between the ideals of equality and liberty? Prerequisite: Either one course in Philosophy, Political Science 315 (Classical Political Thought), Political Science 316 (Modern Political Thought), or consent of instructor. Offered as needed.

311  Philosophy of Mind (IT, W)  Examines issues raised by this question: 'Can mental phenomena be accounted for by a physicalist theory?' Topics such as the problem of other minds, artificial intelligence, mental causation, mental imagery, intentionality, and consciousness will be studied. Prerequisite: One course in Philosophy or consent of instructor. Offered in alternate years.

340  Philosophy of Language (W)  What are the relationships between language, thought, and reality? How is the study of language important to philosophy? Through classic texts in the analytic tradition, we will investigate questions concerning meaning, truth, and the relationship between words and things 'in the world.' Prerequisite: One course in Philosophy or consent of instructor. Offered in alternate years.

350  Epistemology (W)  Consideration of the nature of, and relations between, knowledge, belief, perception, truth, meaning, and evidence. Prerequisite: One course in Philosophy or consent of instructor. Offered in alternate years.

351  Metaphysics (W)  Examination of central problems in metaphysics such as freedom and determinism, causality, existence, and identity. Prerequisite: One course in Philosophy or consent of instructor. Offered in alternate years.

355  Major Philosophers or Philosophical Movements (IT, W)  Close study of a major philosopher (e.g., Aristotle, Hume, Kant); an imagined encounter between philosophers (e.g., Hume and Kant, Aristotle and Mill); a major historical period, school, or philosophical movement (Rationalism, Empiricism, Existentialism). May be repeated for credit when different subjects are studied. Prerequisite: One course in Philosophy or consent of instructor. Offered annually.

356  Contemporary Ethics (AV, W)  An advanced study of recent and contemporary work in ethical theory. Readings may include the work of Christine Korsgaard, Bernard Williams, Thomas Nagel, and Derek Parfit, among others. Prerequisite: One course in Philosophy or consent of instructor. Offered as needed.

360  Advanced Symbolic Logic  An investigation of topics in formal logic beyond first-order logic. Topics may include model theory; proof theory; proofs of various metatheorems concerning classical first-order logic; and/or development of other systems of logic such as second-order logics, modal logics, or many-valued logics. Prerequisite: Prior completion of Philosophy 102 (Introduction to Symbolic Logic) or Mathematics 200 (Techniques of Mathematical Proof), or consent of instructor. Offered as needed.

370  Special Topics  An examination, at the advanced level, of selected topics in philosophy not covered in the regular course offerings. May be repeated for credit when different subjects are studied. See current Program of Classes to determine if this course fulfills general education requirements. Prerequisite: One course in Philosophy or consent of instructor. Offered as needed.

380/381  Independent Study in Philosophy  Topics to be arranged in consultation with individual members of the philosophy department. Normally topics may not duplicate regular departmental course offerings. Prerequisite: Three courses in philosophy and
Internship in Philosophy

Students in their junior or senior year may do an internship related to their philosophical interest on a credit/no-credit basis. To be arranged in consultation with members of the philosophy department. Prerequisite: Junior or senior standing and consent of instructor. Offered on request.

Research Honors in Philosophy

Independent study leading to the defense of a research honors project. Intended primarily for senior philosophy majors, though philosophy minors and majors in other disciplines may qualify. Prerequisite: Senior standing in philosophy or consent of instructor. Offered on request.

PHYSICAL EDUCATION

Eash, Barrett, Fish, Huffaker, Iannucci, Kauth, Martel, McCreery, Nelson-Brown, Rose, Rosecrans, Schumacher, Smith, Wagner

The department of physical education provides courses to meet the needs of the following:

1. Students enrolling in activity courses to meet the general education requirement for graduation.
2. Students interested in coaching, or who are pursuing a middle school or secondary endorsement in physical education.
3. Students interested in exercise science and fitness related professions.
4. Students choosing activity or theory courses as electives.

The objectives of the physical education departments are the following:

a) To provide students with skills, attitudes, and knowledge concerning sports and human movement for enjoyment now and in later years.

b) To provide experiences and activities for fostering and appreciating good health and physical fitness.

c) To prepare effective coaches and to instill in them professional attitudes and to offer coursework towards a middle school or secondary endorsement.

Students may choose courses from a wide range of available activities. All courses are offered on a coeducational basis.

Special options are available to students with physical limitations and students desiring independent study opportunities.

The following guidelines apply to the listings for activity courses:

1) Except where the description contains a statement to the contrary, activity courses may not be repeated without special permission from the department involved.
2) Where required, prerequisite ability for activity courses must be demonstrated prior to registering for the courses.
3) Certain courses involving commercial facilities require special fees as indicated at the time of registration (Bowling, Golf, Karate, Scuba Diving, Rock Climbing).
4) Students in activity courses are graded on a credit/no credit basis.
5) All activity courses are offered for non-degree credit. In other words, courses may be taken by full time students in addition to the standard class load at no additional tuition charge. Work will be recorded in the student’s permanent record and will be counted toward completion of the general education physical education requirement, but may not be counted as part of the minimum total course unit requirements for a degree.
6) Course numbers followed by “X” are full term courses. Course numbers followed by “Y” are half term courses.
7) Fitness courses that meet the Physical Education requirement are identified by an asterisk.

**Theory Courses**

Theory courses offered by the department of physical education consist of a variety of studies relating to the acquisition and teaching of movement skills, to coaching techniques and theories, to first-aid and safety, and to basic principles of the mechanics and physiology involved in human movement.

The minor in physical education consists of courses primarily designated for persons desiring to teach and coach the sports most commonly encountered in the public schools, or for students pursuing a middle school or secondary endorsement in physical education. **Note:** Per ISBE requirements, students must first complete the requirements for a teaching license to be eligible to add an endorsement (see Educational Studies for programs and requirements). Students may qualify for the physical education endorsement by completing a series of at least six courses in physical education and receiving a passing score on the Illinois State Board physical education content exam (secondary only). Contact your physical education advisor for more information.

An individual not seeking teacher licensure may select courses in the physical education department. Such a student may design a program involving supplementary courses from other areas as preparation for a variety of careers. Examples might include sportswriting, equipment sales, recreation administration, or exercise science and fitness related professions.

**Coaching Minor Sequence:**

The following courses are recommended for the minor. Those marked with an asterisk meet the minimum requirement.

*1) Choose one of three
   Coaching Baseball and Football 210
   Coaching Basketball and Track 211
   Coaching Volleyball and Softball 216
*2) Introduction to Coaching 290
*3) Organization and Administration of Athletic and Physical Education Programs 320
*4) Kinesiology 325
*5) First Aid and Athletic Training 326
*6) Exercise Physiology 330
7) Personal Fitness I 129X
8) Essentials of Strength and Conditioning 327

**Exercise Science Minor Sequence:**

The following courses are recommended for the minor. Those marked with an asterisk meet the minimum requirement.

*1) Human Anatomy and Physiology BIOL 107
*2) Nutrition HLTH 230
*3) Kinesiology PETH 325
*4) First Aid and Athletic Training PETH 326

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The College of Liberal Arts
5) Essentials of Strength and Conditioning PETH 327
6) Exercise Physiology PETH 330
7) Personal Fitness I PEC 129X
8) Personal Fitness II PEC 131X
9) Weight Lifting PEC 135Y
10) Human Anatomy and Physiology BIOL 108
11) Special Topics in Health HLTH 310
12) Internship in Exercise Science PETH 397
13) Sport and Exercise Psychology PSYC 380

Physical Education Minor Sequence:
The following courses are recommended for the minor. Those marked with an asterisk meet minimum requirement.
1) Theory and Practice of Physical Education 201
2) Theory and Practice of Physical Education 202
3) Organization and Administration of Athletic and Physical Education Programs 320
4) Kinesiology 325
5) Exercise Physiology 330
6) Choose one of these three:
   First Aid and Athletic Training 326
   Achieving Wellness (See Health 300)
   Essentials of Strength and Conditioning 327

Activity Courses
Two courses (X) or four half courses (Y) or an equivalent combination are required. At least 1 x or 1 y must be a fitness course. Fitness courses meeting the requirement are designated with an asterisk*.

109X Basic Scuba Diving An introduction to basic scuba diving. This course does not provide certification, but will prepare the participant to take the exam for Open Water Certification should they so desire. Special fee. Offered each semester.
111Y Beginning Swimming Basic swimming instruction and lifesaving skills for the non-swimmer or beginning swimmer. May be repeated one time only with the consent of instructor. Offered in alternate years, fall semester.
113X Fitness Swimming For the intermediate and advanced swimmer. Geared to train the student in swimming strokes, distances, and combination strokes to increase endurance, muscle growth, appearance and circulatory efficiency. Offered each spring.
114Y Water Aerobics An aerobic water fitness program designed for non-swimmers and swimmers to help maintain lifetime physical fitness. Offered each spring.
116X Lifeguard Training Course focuses upon increasing awareness of water hazards, the avoidance of accidents, and utilization of appropriate rescue techniques. Course includes 20 hours outside of class for First Aid and CPR. Prerequisite: ability to swim 500 yards continuously using several strokes. Fee required. Offered in alternate years.
117X Water Safety Instructor Red Cross Water Safety Instructor course leading to certification for teaching swimming. Prerequisite: a current Advanced Lifesaving certificate. Fee required. Offered as needed, fall semester.
118Y Tennis I Open to individuals with no experience in playing tennis. Offered each fall and May Term.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>119Y</td>
<td>Tennis II</td>
<td>Open to those with some knowledge of ground strokes, serving, and strategy of singles and doubles. Offered as needed.</td>
</tr>
<tr>
<td>120Y</td>
<td>Badminton</td>
<td>An introduction to singles and doubles play. Offered each semester.</td>
</tr>
<tr>
<td>*121Y</td>
<td>Pilates</td>
<td>An introduction to Pilates basic movements; course focuses on improvement of overall strength, posture, and flexibility. Offered each semester.</td>
</tr>
<tr>
<td>122Y</td>
<td>Volleyball</td>
<td>An introductory course in fundamentals of power volleyball. Offered each semester.</td>
</tr>
<tr>
<td>*123Y</td>
<td>Cross Fit</td>
<td>Affiliated with Crossfit TCB. Course is programmed to improve individuals’ core strength and conditioning. The goal is to gain competency in ten fitness areas. Workouts are constantly varied, high intensity functional movement. Offered each semester.</td>
</tr>
<tr>
<td>124Y</td>
<td>Bowling</td>
<td>For beginners and those who already know how to bowl. Special fees. Offered each semester.</td>
</tr>
<tr>
<td>125Y</td>
<td>Beginning Golf</td>
<td>An introduction to basic skills. Special fee. Offered each fall and May Term.</td>
</tr>
<tr>
<td>126Y</td>
<td>Intermediate Golf</td>
<td>For experienced golfers. Emphasis on swing mechanics, playing strategies and specialty shots. Special fee. Offered as needed.</td>
</tr>
<tr>
<td>*128Y</td>
<td>Circuit Training</td>
<td>An introduction of circuit training in the use of Selecterize machines to improve strength, endurance and flexibility. Offered each semester.</td>
</tr>
<tr>
<td>*129X</td>
<td>Personal Fitness I</td>
<td>Students assess the five health related aspects of fitness; muscular strength and endurance, flexibility, body composition, and cardiovascular endurance. Various types of exercise programs are discussed and practiced. Offered each semester.</td>
</tr>
<tr>
<td>*130X</td>
<td>Personal Fitness II</td>
<td>Designed to help students plan and carry out their own personal fitness program using results of physical fitness tests obtained in Fitness I. Pre-requisite: 129X or consent of instructor. Offered as needed.</td>
</tr>
<tr>
<td>*132Y</td>
<td>Fitness Walking</td>
<td>Designed to develop physical fitness through a walking program. Open to all levels of fitness. Offered each semester and May Term.</td>
</tr>
<tr>
<td>*133Y</td>
<td>Step Aerobics</td>
<td>Designed to improve cardiovascular fitness through rhythmic exercise. Open to beginning as well as advanced levels of fitness. Offered each semester.</td>
</tr>
<tr>
<td>*134Y</td>
<td>Jogging</td>
<td>Improving cardiovascular fitness through jogging. Open to all levels of experience. Offered each semester.</td>
</tr>
<tr>
<td>*135Y</td>
<td>Weight Lifting</td>
<td>Lifting free weights to improve total body strength. Proper technique and safety emphasized. Open to beginners as well as experienced lifters. Offered each semester.</td>
</tr>
<tr>
<td>*136Y</td>
<td>Cycling Fitness</td>
<td>Improving cardiovascular fitness using stationary bicycles. Open to all levels of fitness. Fulfills general education requirements in Physical Education category.</td>
</tr>
<tr>
<td>*137Y</td>
<td>Special Activities</td>
<td>Various recreational activities (rock climbing, wallyball, fitness games, yoga). Special fee required for some activities. Offered each semester.</td>
</tr>
<tr>
<td>*138Y</td>
<td>Cycling Fitness II</td>
<td>Designed to provide accelerated cardiorespiratory fitness at an intermediate to advanced level. Prerequisite: Cycling Fitness 136Y. Offered each semester.</td>
</tr>
<tr>
<td>*139Y</td>
<td>Aerobics</td>
<td>Improving cardiovascular fitness through rhythmic movements and...</td>
</tr>
</tbody>
</table>
exercises set to music. Students work at their own physical level whether it be beginning or advanced. Offered each semester.

140Y  **Beginning Social Dance**  An introduction to social dancing, including waltz, fox trot, polka, jitterbug, and others. Offered annually.

*142X  **Jazz Dance I (Cross-listed with MUTH 132)**  An introduction to the fundamentals of jazz dance technique. The course will build the student’s jazz vocabulary and technical skill in properly executing that vocabulary. Students will be drilled in proper body alignment and proper body conditioning for jazz dance, and ability to perform simple jazz combinations. May be repeated, but Gen Ed credit can only be received for a student’s first. Offered annually.

*143X  **Tap Dance I (Cross-listed with MUTH 133)**  An introduction to the fundamentals of tap dance technique. The course will build the student’s tap vocabulary and technical skill in properly executing that vocabulary. Students will be drilled in proper body alignment and proper body conditioning for tap dance, and ability to perform simple tap combinations. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered annually.

*144X  **Ballet I (Cross-listed with MUTH 134)**  Beginning Ballet: An introduction to the fundamentals of ballet technique. The course will build the student’s ballet vocabulary and technical skill in properly executing that vocabulary. Students will be drilled in how to learn, master and perform simple ballet combinations. Prerequisites: none. May be repeated for credit. Offered each semester.

*145X  **Modern Dance I (Cross-listed with MUTH 135)**  An introduction to the fundamentals of modern dance. The course will build the student’s basic modern dance vocabulary and technical skills in properly executing that vocabulary. Students will be drilled in proper body alignment and proper body conditioning for modern dance, and ability to perform simple modern dance combinations. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered annually.

*151X  **Adapted Physical Education**  Designed for students whose medical examination indicates a recommendation of restricted exercise. May be repeated. Prerequisite: consent of the department chairman. Offered each semester.

*152Y  **Adapted Physical Education**  Designed for students whose medical examination indicates a recommendation of restricted exercise. May be repeated. Prerequisite: consent of the department chairman. Offered each semester.

153X  **Karate**  Students work toward attaining a red belt. Special fee. Offered each semester.

155X  **Advanced Karate**  Prerequisite: consent of the instructor. Special fee. Offered each semester.

180Y  **Fencing**  Beginning techniques in foil fencing and bout judging and directing. Offered each semester.

*232X  **Jazz Dance II (Cross-listed with MUTH 232)**  Intermediate jazz dance technique. The course will expand jazz vocabulary as well as explore more difficult styles and combinations. Students will be expected to master intermediate level strength, stretching, stamina and body awareness suitable to the jazz idiom. Prerequisite: PEC 142X*/MUTH 132 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered annually.

*233X  **Tap Dance II (Cross-listed with MUTH 233)**  Intermediate tap dance technique. The course will expand tap vocabulary as well as explore more difficult styles and combinations. Students will be expected to master intermediate level rhythm, strength, stretching, stamina, and body awareness suitable to the tap idiom. Prerequisite PEC.
143X*/MUTH 133 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. *Offered annually.

*234X Ballet II (Cross-listed with MUTH 234) Intermediate ballet technique. The course will expand ballet vocabulary as well as explore more difficult styles and combinations. Students will be expected to master intermediate level strength, stretching, stamina, and body awareness suitable to the ballet idiom. Prerequisite: PEC 144X*/MUTH 134 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered each semester.

*235X Modern Dance II (Cross-listed with MUTH 235) Intermediate modern dance technique. The course will expand modern dance vocabulary as well as explore more difficult styles and combinations. Students will be expected to master intermediate level strength, stretching, stamina and body awareness suitable to the modern dance idiom. Prerequisites: PEC 145X*/MUTH 135 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered each semester.

*250X Varsity Sports Prerequisite: consent of the head coach of each sport. Offered each semester.

*232X Jazz Dance III (Cross-listed with MUTH 332) Advanced jazz dance technique. The course will expand jazz dance vocabulary as well as explore more advanced styles and combinations. Students will be expected to master advanced level strength, stretching, stamina, and body awareness suitable to the jazz dance idiom. Students will focus on exploring performance skill that range beyond the technique. Prerequisite: PEC 232X*/MUTH 232 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. *Offered annually.

*233X Tap Dance III (Cross-listed with MUTH 333) Advanced tap dance technique. The course will expand tap dance vocabulary as well as explore more advanced styles and combinations. Students will be expected to master advanced level strength, stretching, stamina, and body awareness suitable to the tap dance idiom. Students will focus on exploring performance skill that range beyond the technique. Prerequisite: PEC 233X*/MUTH 233 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered annually.

*234X Ballet III (Cross-listed with MUTH 334) Advanced ballet technique. The course will expand ballet vocabulary as well as explore more advanced styles and combinations. Students will be expected to master advanced level strength, stretching, stamina, and body awareness suitable to the ballet idiom. Students will focus on exploring performance skill that range beyond the technique. Prerequisite: PEC 234X*/MUTH 234 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered each semester.

*235X Modern Dance III (Cross-listed with MUTH 335) Advanced modern dance technique. The course will expand modern dance vocabulary as well as explore more advanced styles and combinations. Students will be expected to master advanced level strength, stretching, stamina, and body awareness suitable to the modern dance idiom. Students will focus on exploring performance skill that range beyond the technique. Prerequisites: PEC 235X*/MUTH 235 or consent of instructor. May be repeated, but Gen Ed credit can only be received for a student’s first enrollment. Offered each semester.

Theory Courses

201 Theory and Practice of Physical Education Teaching methods and activities and practical class participation in learning various team sports at the secondary school level. Offered in alternate years, fall semester.

202 Theory and Practice of Physical Education The development of physical education, its history, teaching methods and activities; practical class participation in learning
various individual sport activities at the secondary school level. Offered in alternate years, spring semester.

210 Coaching Baseball and Football Fundamentals of coaching baseball and football including drills, strategies, rules, and conditioning. Offered in alternate years, fall semester.

211 Coaching Basketball and Track Fundamentals of coaching basketball including modern offenses and defenses, strategies, and drills. Coaching track and field events including modern methods in conditioning and training. Offered in alternate years, spring semester.

214 Coaching Soccer/Golf This course is intended to cover the essentials of coaching soccer and golf in order to prepare the students to be more active post-graduation as well as more active in their community with the knowledge to coach both soccer and golf. Offered in alternate years, spring semester.

216 Coaching Volleyball and Softball Basic and advanced skills, techniques, tactics, and strategies of competitive softball and volleyball along with techniques of coaching individual and team play. Offered in alternate years, spring semester.

290 Introduction to Coaching The study of basic scientific principles of Biomechanics, Psychology, and Physiology as they relate to coaching sports skills. Basic discussions regarding scientific training methods and conditioning, motivational techniques, nutrition, environmental conditions, and handling the pressures of competition. Offered in alternate years, fall semester.

297/397 Internships Opportunity for field work at community non-profit agencies, alternative school settings, parks and recreation departments, and camping facilities. Prerequisite: P.E. Theory 201, 290, 320 or consent of Department Chair. Offered as needed.

320 Organization and Administration of Athletic and Physical Education Programs The administrative problems involved in organization of the athletic, recreation, and physical education programs will cover curriculum design. Practical applications in intramural sports and athletic organization and management. Recommended: 201 and 202. Offered in alternate years, spring semester.

325 Kinesiology Use of mechanics and muscular action in balance and movement of the human body. Offered in alternate years, fall semester.

326 First Aid and Athletic Training Instruction in administering accepted first aid practices in emergencies and accepted methods for the prevention and corrective treatment of athletic injuries. Offered in alternate years, spring semester.

327 Essentials of Strength and Conditioning An application oriented course that provides useful information for students with a background in anatomy, physiology, Kinesiology, and other exercise sciences. Useful for those who intend to pursue professional work as a personal trainer or become involved with exercise prescription. Prerequisite: P.E. Theory 325, 330, or consent of instructor. Offered in alternate years, spring semester.

330 Exercise Physiology Exercise Physiology is the study of movement and the research based principles associated with the systematic and functional responses and adaptations to different forms of exercise. Offered in alternate years, spring semester.

400 Independent Study Independent research and study beyond courses offered in any particular area of physical education. Prerequisite: consent of department chairman. Offered as needed.

PHYSICS
deHarak, French, Jaggi, Perera, Spalding

We believe that some training in physics is an important component of a liberal education in a technological world. The department, therefore, offers a
number of general education courses open to all students.

The major is designed as an experimentally intensive and theoretically rigorous foundation in classical and modern physics. It is the recommended major for pre-engineering students interested in automotive, civil, electrical, electronics, mechanical, and nuclear engineering. The department also offers service courses for other science majors.

Physics majors and minors who desire a secondary teaching license declare a second major in Secondary Education. Additional coursework in the life sciences is required for licensure. Refer to the Educational Studies curriculum description in this Catalog and the Teacher Education Information Handbook (http://www2.iwu.edu/edstudies/handbooks/) for further information.

The department specializes in condensed matter physics, atomic physics, astronomy, and optics and encourages all students to work on research projects in collaboration with faculty members. The 3-2 engineering program is available with a major in physics and consideration of this option is encouraged, but careful planning is required because the advanced physics courses are offered in alternate years only.

The department of physics has many facilities for research including the Mark Evans Observatory which has a computer controlled 11-inch telescope with CCD Detector. Students majoring in physics may take up to two course units of independent study or research.

**Major Sequence:**
A minimum of ten courses and units including:

1) Physics 105 and 106
2) Physics 207, 304, and 399
3) Two from Physics 405, 406, 407, and 408; one of these must come from Physics 405, 406
4) three additional courses and units in physics selected by the student with the consultation and approval of the major adviser/department chair to form a coherent program.

The following physics courses will not count towards the major: Physics 101 (General Physics I), Physics 102 (General Physics II), Physics 110 (Fundamental Astronomy), Physics 120 (Energy and Society), Physics 130 (Sound, Music, Hearing), Physics 210 (Conceptions of the Cosmos), Physics 239 (Problems of Nuclear Disarmament), and Physics 397 (Internship).

5) Courses outside the department that physics majors are required to take:
   Two semesters of a calculus or analysis sequence
6) Courses outside the department that physics majors are recommended to take:
   Two semesters of chemistry or biology

**Minor Sequence:**
A minimum of five courses to include:

1) Physics 101 or 105, 102 or 106
2) Physics 207 and 304
3) one additional 300-level course. The following are recommended:
   A. Mechanics 405 for mathematics majors
   B. Quantum Mechanics for chemistry majors
   C. Electronics 305 for biology majors.
101, 102  General Physics (1.25) (1.25) (PSL)  A two-semester sequence in general physics (not intended for pre-engineering students, or students planning to become chemists or physicists). Topics include a survey of: vector methods, conservation laws, classical mechanics, gravitation, optics, sound, heat, electricity, magnetism and elementary quantum physics. Three hours lecture, two hours lab, and one hour discussion per week. Prerequisite: Skill in algebraic manipulation; Physics 101 for 102. Offered annually.

105  Physics I – Mechanics (1.25) (PSL)  An introductory course designed for physical science and pre-engineering majors. Uncovers the foundation of non-relativistic Newtonian mechanics of a system of particles. Topics include translational, rotational, vibrational and wave-like motions in simple physical and engineering systems. Three hours lecture, two hours lab, and one hour discussion per week. Prerequisite: concurrent enrollment in the calculus sequence, or consent. Offered annually.

106  Physics II – Electricity, Magnetism and Optics (1.25) (PSL)  A course for physical science and pre-engineering majors. Topics include electric and magnetic fields, a.c. and d.c. circuits, geometrical optics, wave motion and physical optics. Three hours lecture, two hours lab, and one hour discussion per week. Prerequisites: physics 105, concurrent enrollment in calculus II or consent. Offered annually.

110  Fundamental Astronomy (PSL)  A course dealing in a limited mathematical way with the nature of light, astronomical instruments, the universe and relativity, galactic structure, the properties and evolution of stars and the solar system, and cosmology. This course is primarily, but not exclusively, for non-science majors. May not count for the major. Offered annually.

120  Energy and Society (PSI) (Cross-listed with ENST 115)  This course provides an introduction to the fundamental scientific principles governing the production, interconversion and transmission of various forms of energy, and the manner in which they interact with the environment, both on a local as well as on a global scale. Students will also apply this fundamental knowledge to specific and competing choices that can be made at the individual level and as a society, regarding energy options and energy policy. Offered annually.

130  Sound, Music and Hearing (PSL)  Sound, Music, and Hearing connects physics, aesthetics, physiology, psychology and ecology through the study of sound. In the classroom and in the laboratory, students will learn about the physical basis of sound production, human hearing, the creation of musical sound, and noise pollution. Outside of class, students will study specific sounds in their environment and explore additional topics of their choosing, such as acoustics, holographic analysis, or noise reduction in buildings. The course has minimal mathematical prerequisites, consisting of high school algebra, plane geometry, and some trigonometry. Offered occasionally.

170  Introductory Special Topics in Physics (1.25) (PSL)  x-70 courses are a general rubric, allowing for curricular innovation. Topics vary, depending of the interest and demand. To include such areas as: How Things Work: Introduction to Design, or Materials Science for Design I, or Sustainable Design, or Principles of Electro-Mechanical Design. This course is offered primarily, but not exclusively, for non-science majors. May not count for the major. Prerequisites: High school algebra, plane geometry, and some trigonometry. Offered occasionally.

207  Physics III - Modern Physics and Thermodynamics (1.25)  A sophomore level introduction to thermodynamics and to the classic experiments of the 20th century. Basic ideas of atomic and nuclear structure. An introduction to the mathematics of quantum theory and relativity. Four hours lecture and two hours lab per week. Prerequisites: physics 102 or 106, concurrent enrollment in math 162 or 166. Offered annually.

210  Conceptions of the Cosmos (IT)  This course traces the history of how thinkers in different eras have addressed the questions: “What is our place in the Universe?
How do we know?” Students will read and analyze works of Plato, Aristotle, Ptolemy, Copernicus, Galileo, Kepler, Newton, Herschel, Goodriche, Einstein, Hubble, and more modern investigators.

239  **Problems of Nuclear Disarmament (PSI)**  An examination of reasons for the continual existence of nuclear weapons. Elementary atomic and nuclear physics, the physics of nuclear weapons and the results of their use. Consideration of possible approaches to nuclear disarmament and the responsibility of scientists with respect to disarmament. May not count for the major. *Offered annually during May Term.*

270  **Intermediate Special Topics in Physical Design (1.25) (PSL)**  x-70 courses are a general rubric, allowing for curricular innovation. Topics vary, depending on the interest and demand. To include such areas as: How Things Work: Introduction to Design II, or Materials Science for Design II, or Sustainable Design II, or Engineering Design. This course is offered primarily, but not exclusively, for non-science majors. May not count for the major. Prerequisite: the corresponding 170, if applicable, or consent of the instructor. *Offered occasionally.*

277  **Special Topics in Physics**  x-77 courses are a general rubric, allowing for curricular innovation. Topics vary, depending on interest and demand. This course is offered primarily, but not exclusively, for science majors, and may count toward the major. Prerequisite: One year of college-level physics, or consent of the instructor. *Offered occasionally.*

299  **Intermediate Experimental Methods**  Intermediate Experimental Methods is a methods course intended to prepare students for the many other experimental opportunities offered at IWU. Experience has shown that such methods courses greatly ease subsequent efforts. This course offers a broad survey of experimental methods in physics built around several labs. Prerequisite: 207 or CHEM 332, or consent of the instructor. *Offered in alternate years.*

304  **Mathematical Methods of Physical Science**  This course covers mathematical techniques needed in the physical sciences. Topics include: infinite series, complex variable, linear algebra, vector spaces and analysis, partial differentiation, multiple integrals, Fourier series and transforms, differential equations, and variational calculus. Prerequisites: MATH 162 or 166. *Offered annually.*

305  **Electronics (1.25)**  Elementary circuit theory; fundamentals of diodes and transistors; amplifiers. Integrated circuitry; operational amplifiers and their versatility; introduction to digital logic and electronics. Lectures and laboratory. Prerequisites: MATH 161 and PHYS 106. *Offered in alternate years.*

306  **Materials Physics (1.25)**  Microscopic principles behind macroscopic collections of atoms in gases, liquids, and solids. For each “state of matter” we will consider: mechanical properties, thermal properties, sound propagation, electrical transport, optical properties, and magnetic properties. Prerequisite: CHEM 332 or PHYS 207. *Offered in alternate years.*

307  **Optical Physics (1.25)**  Geometrical theory of optical systems; interference, diffraction, Fourier theory, spatial filtering; coherent light, holography; electromagnetic theory of light, polarization, crystal optics; spectroscopy. Lectures and laboratory. Prerequisites: general physics, PHYS 304. *Offered occasionally.*

308  **Scientific Imaging (1.25)**  Scientific imaging is an interdisciplinary course that teaches concepts from physics and computer science, and applies them to problems in biology, astronomy, physics, and engineering. Topics include the format, characterization, and manipulation of digital images, geometric optics, and biomedical imaging. 2.5 hours lecture, and 2.5 hours lab per week. Prerequisites: One year of physics or chemistry or consent of instructor. *Offered in alternate years.*
310 Introduction to Astronomy and Astrophysics  Quantum theory of light, radiation and spectra, astronomical instruments and coordinate systems, the Milky Way and other galaxies, properties of gases and stellar evolution, gravitation, relativity, cosmology. Prerequisite: MATH 161. Offered in alternate years.

370 An Exploration of Advanced Topics in Physics  Offered occasionally.

397 Internship in Physics  Internships in various scientific research centers, industrial laboratories, or engineering firms. Prerequisites: junior standing and consent of the department chair. May not count toward the major. Offered annually.

399 Experimental Physics (W)  Experiments and experimental techniques in contemporary physics. Electrical and electronic circuits, optics, atomic and nuclear physics. An intensive course offered usually during May Term. Prerequisites: general physics, MATH 162 or 166 and consent. May be repeated for a maximum of two course units. Offered in May term.

405 Theoretical Mechanics  Vector analysis and matrices, Newtonian mechanics, gravitation, oscillatory motion, Lagrangian and Hamiltonian dynamics, central forces, non-inertial systems, wave mechanics. Four hours lecture per week. Prerequisite: PHYS 304. Offered annually.

406 Electricity and Magnetism  Potential theory in statics and Maxwell’s equations in dynamics. Coulomb’s law, Gauss’ law, vector calculus, Ampere’s law, Faraday’s law, interaction of matter with fields, and radiation theory. Four hours lecture per week. Prerequisite: physics 304. Offered every other year.

407 Introduction to Quantum Mechanics (Cross-listed with CHEM 323)  Wave mechanics, the Schroedinger equation, operator formalism, the harmonic oscillator, the hydrogen atom, angular momentum, spin, scattering theory, chemical bonding, electromagnetic interaction. Four hours lecture per week. Prerequisite: PHYS 304. Offered in alternate years.

408 Statistical Physics (Cross-listed with CHEM 324)  Introduces central principles underlying thermodynamic properties found in large collections of atoms and molecules (i.e. systems with many degrees of freedom). A core pillar of the major, Statistical Physics is recommended for any student considering graduate school in Physics, and for Chemistry Majors, reinforcing key elements of Physical Chemistry. Prerequisite: PHYS 207 or CHEM 332. Offered in alternate years.

495 Directed Study  Individualized directed readings on a topic of interest to the student which is not normally a part of the curriculum. The work may include a laboratory component. It may also include the requirement for the preparation of a significant paper which brings together the results of the study. Offered annually.

499 Research/Thesis  Experimental or theoretical examination of an unsolved problem on a topic of interest to the student and cooperating faculty member. A significant paper detailing the findings of the investigation is expected at the conclusion of the work. Prerequisite: consent of the department head. (1/2 or 1 unit) Offered annually.

POLITICAL SCIENCE

Shaw, Boyd, Jahan, Kim, Montgomery, Munro, Renner, Simeone

Politics permeates the life of any organized society, for it is through the medium of politics that rewards, penalties, values and statuses are distributed among society’s members. The study of political science is particularly concerned with social organization and activity as it relates to government. Political science is a natural preparation for the lawyer, the journalist, the lobbyist, the political
campaign consultant, or the public servant at international, national, state, regional and local levels. For the scientist engaged in social research, for the businessperson who communicates with governments, for the secondary teacher of social science, or for the teacher of political science at all institutions of higher learning, a political science major is an invaluable asset.

The citizen with a political science major will be a more effective participant in politics and community affairs. Today’s democratic society demands of the citizen that he or she participate intelligently in the activities of government, display understanding of the world about them, understand and develop political thought, and appreciate the process by which the human activity of politics is studied. Moreover, the educated citizen should be able to analyze information and think critically about the process of politics. The Senior Seminar is offered every fall and provides an opportunity for collaborative learning and the integration of knowledge at an advanced level. As such, the Senior Seminar is the capstone course for the political science major and must be passed with a grade of “C” or higher. Students whose grade falls below a “C” must enroll in Political Science 402 Advanced Studies in Politics in the following spring to revise the research project.

The courses prescribed below constitute the minimum requirements for the major, and are intended to provide graduates a necessary core of knowledge. This includes American government, international and comparative politics, political theory, and the role of scholarly research in understanding modern government and politics. The Senior Seminar provides an opportunity for conducting original political science research, and the integration of knowledge at an advanced level.

**Major Sequence:**
A minimum of 10 course units in political science, including:
- 6 electives (at least two of which must be at the 300-level or above;
- 4 required courses:
  1) Political Science 101, 102, or 103
  2) Political Science 315, 316, 317, or 318
  3) Political Science 392
  4) Political Science 415 (fall semester only)

Political science majors must also satisfy an off-campus requirement. This requirement does not necessarily involve a specific course. Rather, students can satisfy this requirement by completing PSCI 395, 396, 397, a study abroad program, the Washington Semester, the Georgetown Semester, the Chicago Urban Studies Program, or a department approved May Term course. Students seeking to apply a May Term course to this requirement must obtain the department chair’s approval for doing so prior to the beginning of the course.

Political science majors are also encouraged to take relevant courses in the following areas: economics, history, philosophy, statistics, and sociology.

**Minor Sequence:**
Students contemplating a minor in political science should consult with the department head before choosing courses. The minor consists of 6 courses, to include:
- 1) at least one course from each of the two areas listed below:
  A. Political Science 101, 102, or 103
  B. Political Science 315, 316, 317, or 318

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The College of Liberal Arts
2) at least one other course at the 300-level or above (in addition to 1, B above)
3) three additional electives in political science (for a total of 6 courses)

Note: Not more than one course unit of independent study or internship may count toward the minor (Political Science 250, 396, 397, or 402).

101 American National Government (CSI, U) An introduction to the structure, institutions, and processes of American government. Topics include an analysis of the system of American federalism, separation of powers, Congress, the Presidency, Supreme Court policy-making, elections and voting behavior, political parties and interest groups. Offered each semester.

102 International Politics (CHC, G) A theoretical and historical basis for analyzing international politics. It does so by examining the major conceptual approaches to the study of war, peace, and the interactions of nations and states. The class seeks to place contemporary and historical events into a broader analytical context, and to understand the forces of change in the international system from a number of theoretical perspectives. Offered each semester.

103 Comparing Nations (CSI) Compares the peoples, geography, political culture (attitudes and values of citizens), and government (structures, processes, and policy-making) across a range of countries in order to better understand how politics works. Offered annually.

104 Multiculturalism and its Critics (AV) Internationally, advocates of multiculturalism promote the cultural and religious interests of national minorities, immigrants, and dispersed communities within the nation state. This course focuses on liberal multiculturalism, which claims that individual rights are necessary but insufficient for the protection of minority group interests. Critics see tensions between multi-cultural protections and (1) national unity, (2) feminism, and (3) the liberal ideal of state neutrality. Offered in alternate years.

200 American Political Cultures (U) This course examines the variations among and conflicts between the different “political cultures” in America. These include varying values, attitudes, beliefs and symbols. The course analyzes several “cultural clashes” over the public policy decisions of government. Offered occasionally.

201 State and Local Government Analysis of the different structures and political cultures of state and local governments in the United States. Focus is on institutional structures, behavioral patterns and trends, public policies, and on the interplay of levels of government in a Federal system. Prerequisite: 101 or consent of instructor. Offered in alternate years.

202 Religion and Race in American Political Development (IT) This course looks at religious pluralism and race formation in the development of the American state. We begin with Pilgrims and end with Martin Luther King, Jr. Topics covered include the Calvinist ideals of saint and citizen, the “scientific” study of race in the nineteenth century, the Mormon War in Illinois, the 14th and 15th Amendments, and the Civil Rights Act of 1964. Offered in alternate years.

212 International Politics of East Asia (CHC, G) This course of International Politics of East Asia seeks to develop students’ capacity in understanding the challenges and opportunities that East Asian countries currently face and predicting the future of dynamics of regional security and political economy. Offered annually.

214 Politics in China (CHC, G) The highly-modified communist Chinese party-state as it adopts the competitive economic model. Institutions of the Party and the State civil rights problems, economic privatization and incentives policies, and the changing roles of the army, the regions and zones, private business, and institutions like education.
For general education credit. Offered occasionally.

215 Politics in Developing Societies  A study of emerging societies with marked problems evidenced in their political behavior and structures, cultural diffusion, unequally progressing systems, and international acts. Examples will include nations in Asia, Africa, the Middle East, or Latin America. Offered in alternate years.

216 Politics in Africa  Examines trajectories of political and economic development in Africa. Considers the impact of colonialism on economic, social and cultural organization in Africa, the nature of postcolonial African elites, and the sources of their power. Analyzes the politics of ‘development’ in Africa through African states’ relationship to international financial institutions. Offered in alternate years.

217 Politics and Society in Contemporary South Africa (G)  This course examines South Africa’s transition from authoritarian apartheid rule to a democratic dispensation. It focuses on the legacies of apartheid and the characteristics of the liberation struggle; emerging political cultures; the design of new political institutions; the political economy of uneven development; the challenges of poverty and social reconstruction. Offered in alternate years.

218 Advanced Democracies (G)  Course explores politics in post-industrial democracies (primarily Western Europe, North America and Australasia). Through readings and assignments students will evaluate the role that differences in political culture and institutional structure play in explaining country-level responses to common welfare state challenges. Offered in alternate years.

220 Women and Politics (CSI, U)  Analyzes the status of women in American political and social life. Emphasis is placed upon political participation, voting, and policies that affect women at home and in the workplace. This status is then compared with the status of women in other advanced industrial societies, developing and theocratic societies, and the communist and post-communist systems. Offered in alternate years.

225 Compare, Analyze, Discover (W)  Based on the model of a think tank, students in this class will learn the logic and strategies of comparative method in order to apply those in cross-national research aimed at solving real-world problems. Short practice assignments build toward an original research design and Working Paper. Offered in alternate Spring Terms.

230 The American Presidency (W)  This course surveys the American presidency from its founding to the current period, with an emphasis on the modern presidency. Several perspectives on understanding presidential power are examined. Particular attention is given to presidential relations with Congress and the courts. Students produce a research paper. Recommended prerequisite: 101. Offered in alternate years.

241 American Elections, Political Parties and Campaigns (CSI, W)  Designed to explore the idiosyncratic nature of the American electoral process and political party system. It includes an analysis of divergent political sub-cultures, public opinion, the impact of electoral structures or different “rules of the game,” electoral history, change, partisan realignment and the critical factors which affect individual voting decisions such as party identification, ideology, issues and candidate images. It will also examine political institutions in the era of modern “new style” election campaigns. Recommended: 101. Offered in alternate years.

243 Public Opinion and Political Behavior  Introduces students to the major themes in American public opinion and political behavior. Emphasis is given to the mechanics of opinion polling, political learning and opinion formation, media influences, connections between opinion and behavior, and linkages between public opinion and public policy. Offered in alternate years.

250 Special Project  Independent research under the supervision of a department
faculty member. Prerequisite: consent of faculty supervisor prior to registration. Offered occasionally.

260  American Environmental Politics and Policy (CSI) (Cross-listed with ENST) Basic introduction to the institutional and legal framework of contemporary American environmental policy and to environmental politics in the United States. Policy issues explored include water and air pollution, solid and hazardous waste, endangered species and wilderness preservation, energy development, growth management, and environmental justice. Offered in alternate years, fall semester.

270  Special Topics in Politics (1.00 or 1.25 depending on topic) A periodic course dealing with political issues of current or unique interest. May be repeated once for credit if the topic is not repeated. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

280  Contemporary Issues in Public Policy Examines the controversies of a different public area each time offered (such as, but not limited to, civil rights, environment policy, health care, social welfare and urban policy). The historical evolution of the policies are examined as well as the contemporary controversies and problems. May be repeated once for credit if the topic is not repeated. Offered in alternate years.

281  American Social Policy (AV, U) This course surveys some major social programs in the U.S. Topics include Social Security, welfare, food stamps, Medicare and Medicaid, housing assistance and homelessness, and affirmative action, among others. Students will examine the trade-off between federal and state roles, and the cultural and economic values the programs involve. Offered in alternate years.

301  Studies in Political Culture: The American South and the Politics of Race (U) Examines the distinctive political culture of the American South (its collective values, beliefs, history and demographic characteristics) and the central role of race in forming this uniqueness. Offered in alternate years.

302  Political Protest and Social Movements Through an examination of case studies and theoretical approaches, this course examines the politics of popular protest and rebellion. Topics include: resources and prerequisites for movement mobilization and success; the role of cultures/ideologies in mobilization; changing protest 'repertoires' and tactics; 'old' and 'new' social movements; how state institutions structure the characteristics of social movements. Offered in alternate years.

303  International Law and Organizations The sources and nature of international law. Concern for current legal issues such as the use of force, human rights, war crimes, outer space, ecology, and international organizations, both general and economic. Case law course. Offered in alternate years.

305  Theories of International Relations (IT, W) The course of Theories of International Relations seeks to examine major theoretical approaches to international relations. Its primary goal is to give students the analytic tools to understand contemporary issues in international politics, including the causes of war and peace, economic cooperation and conflict, and the role on international institutions. Offered occasionally.

307  Constitutional Law I: Judicial Review and Constitutional Interpretation The Constitution governs the relations between the executive branch and Congress and the federal government and the states. But is a Constitution more than a set of rules?; who has the ultimate authority to interpret it?; and how should it be done? With these questions, we interrogate the classic cases of Calder v. Bull, Marbury v. Madison, McCulloch v. Maryland, Missouri v. Holland, and Roe v. Wade among others. Offered in alternate years.

308  Constitutional Law II: The First Amendment and American Democracy (AV) What is the purpose of the First Amendment? Is it to promote democracy, individual
expression, or an open marketplace of ideas? We use these three rationales to explore the Supreme Court’s case law beginning with Justice Holmes’ dissent in Abrams v. United States. Issues addressed include hate speech legislation, campaign finance reform, state regulation of television, and the advocacy of terrorism. Offered in alternate years.

315 Classical Political Thought: Democracy in Athens and America (IT, W) This course uses Thucydides’ History of the Peloponnesian War, the dialogues of Plato, and the plays of Sophocles and Aristophanes to examine the values and ideals of Athenian democracy. The American case is used to spur debate. Issues addressed include: the rules of war, realist and constructivist views of power, and the merits of democratic participation. Offered in alternate years.

316 Modern Political Thought: Liberalism and its Discontents (IT, W) This class uses the defining texts of modern political theory—Hobbes’ Leviathan, Locke’s Second Treatise on Government, and Rousseau’s On the Social Contract—to develop a working definition of liberalism. Problems that plague the application of liberal principles are raised as we address the conundrum of voluntary servitude, the shifting basis of the social contract in consent and reason, the claim that property is a pre-political right, the distinction between negative and positive liberty, and the role of religion in public life. Offered in alternate years.

317 American Political Thought: Three Political Traditions (IT, W) American political ideals often express a liberal commitment to individual freedom, but a republican commitment to citizen independence and aspiritive commitments to particular ethnic and religious traditions have also characterized mainstream political ideology in the United States. This class assesses the claim that the liberal tradition dominates American politics. Offered in alternate years.

318 Schools and Sects in the Study of Politics (IT) This seminar course covers many influential writings in political science in order to examine why we ask the questions we ask and why we tend to look for the types of evidence we often gather. We read these texts paying at least as much attention to the theoretical and epistemological approaches used as to the substance of the findings and conclusions. Several short papers are required. Prerequisite: junior or senior standing or permission of instructor. Offered in alternate years.

322 Politics of the European Union (CHC, G) The course of Politics of the European Union seeks to examine the history of European integration, European institutions, European policies, and the challenges and opportunities of European integration (e.g., Europeanization, the democratic deficit, European identity, transatlantic relations, the Eurozone crisis, etc.). Offered occasionally.

323 Post-Communism Europe (CHC, G) This course explores the establishment, functioning, and collapse of the system of rule developed in the Soviet Union and exported to states in East Central Europe (ECE). Students will evaluate the legacies of communist rule for contemporary politics and uncover national diversity in a region once treated as homogeneous. Suggested prerequisite: 102. Offered in alternate years.

325 Conflict Areas of the Third World The focus will be on both the sources and the nature of conflict in the various areas of the Third World: Africa, Latin America, Asia. Offered in alternate years.

326 Globalization and Development Explores the roots of global poverty and inequality by examining the interplay of ideas and power that shape poor countries’ development strategies. Analyzes foundational ideas of classical thinkers: Smith, Marx, Durkheim, Weber. Assesses concepts of modernization, dependency and neoliberalism. Analyzes effects of multilateral organizations, states, markets, civil society organizations and local cultures. Offered in alternate years.

341 Congress and the Legislative Process This course introduces students to the
contemporary U.S. Congress. Topics include explanations of how Congress organizes itself and the implications of those perspectives, and how Congress relates to the executive branch and the courts. Individual research projects allow examination of a topic of particular interest to a student. Prerequisite: 101. Offered in alternate years.

342  The Politics of Presence (W)  Women and minorities are under-represented in legislatures worldwide. What explains this? Does it matter? This course begins with classical theories of democratic representation; develops arguments for a “politics of presence”; and uncovers factors that improve or hinder the representation of marginalized groups. Offered in alternate years.

343  Parties and Legislatures (CSI, W)  Through reading, writing, and simulation exercises, students will: (1) examine the historical emergence and evolution of political parties and legislatures and the original problems they were meant to address; (2) explore literature on the changing role of these national institutions in the face of globalization; and (3) examine the links between legislatures, parties, and the problem of making democracy work. Offered occasionally.

344  Psychological Perspectives on Politics  The sub-discipline of political-psychology draws on the insights of political scientists, social and cognitive psychologists, and behavioral economists. Topics addressed include the roles of affect and cognition in opinion formation, persuasion, framing effects in survey questions and political rhetoric, altruism, rationality, judgments under uncertainty and risk, and the use (and misuse) of heuristics. Offered annually.

345  International Political Economy  An examination of the ways in which the interplay between political and economic factors shape the global system. Prerequisite: political science 102 or economics 100 or consent of instructor. Offered in alternate years.

360  Comparative Environmental Politics (CSI, G) (Cross-listed with ENST 360)  Examination of how different political-economic systems shape the environmental policy process and impact the environment. This course considers how party-structure, mode of interest articulation, economic system and level of development affect environmental policy. Countries studied include the United States, Germany, former Soviet Union/Russia, China, India, Brazil and Nigeria. Prerequisite: a course in either political science or environmental studies strongly recommended. Offered in alternate years, spring semester.

361  Globalization and the Environment (CSI, G) (Cross-listed with ENST 361)  Introduction to the international politics behind efforts to deal with tropical deforestation, ozone depletion, global warming, loss of biodiversity and transnational transfer of hazardous wastes. Actors, conferences, and accords involved in the international environmental policy process are discussed, with particular attention to different positions of industrialized versus developing countries. Offered in alternate years, spring semester.

362  Cooperation in Environmental Policymaking: The Public-private Sector Nexus (Cross-listed with ENST 362)  The course begins on campus surveying some of the theoretical and empirical issues of US environmental policy, followed by travel to a site where environmental policy is an active issue. Recent examples include the Appalachian mountain region, Georgia’s Chattooga River, and California’s Tuolumne River and the Navarro River Watershed. Offered in May Term.

365  Ethical Dilemmas in Environmental Politics (AV) (Cross-listed with ENST 365)  Does humanism provide a coherent lens for evaluating environmental issues? If not, when should non-human needs trump human interests? How should humanist institutions like zoos, farms, and forest preserves be managed? Utilitarian, rights-based, social contract, and holist theories will be used to debate these questions. Case studies focus on wilderness management, habitat restoration, and common property regimes. Offered in alternate years.
370  Advanced Special Topics in Politics  An upper level course examining a specialized subfield in the discipline. Examples include “Ethnic Nationalism,” “The American South and the Politics of Race,” and “Public Finance and Budgeting.” Students will be able to repeat the course if the subject is not duplicated. Prerequisite: any 100 level political science course. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

392  Empirical Political Research  An introduction to the logic, process and methodology of conducting empirical research in political science. It includes discussions of theory/hypothesis and analysis. The latter often involves the use of statistics. However, the approach to statistical analysis in the course is upon how and why statistics are used to study political behavior and not upon memorizing particular formulas or mathematical proofs. Offered each spring.

395  Action Research Seminar (Cross-listed as Sociology 395)  This seminar bridges theory and applied research in community action. The course introduces the student as scholar-citizen to the multiple ways of seeking information on communities and examining community issues. On teams with community partners and faculty, students develop action plans and implement research projects. Prerequisite: sophomore standing. Offered each semester.

396  Internship Seminar  Qualified students may arrange an action research project in consultation with a department member and a community partner. Visit the Career Center or the Action Research Center (ARC) website for potential projects. Requirements include a journal, demonstrated citizenship skills, attendance at a weekly seminar, a supervisor’s evaluation, and a formal project outcome. May be repeated for a total of two course units. Prerequisites: a learning contract and consent of instructor. Offered each semester.

397  Internship in Administration  Qualified students may arrange work-study programs in consultation with a faculty member and a sponsor associated with a public agency, law firm, social service agency, the local branch of a non-profit or non-governmental agency. Requirements to be specified in the internship learning contract include a journal and an oral presentation at a departmental internship colloquium (offered in December and April). Prerequisite: consent of instructor and fourth semester standing. Offered each semester.

398  Grant Writing (Cross-listed with SOC 398)  Grants are a funding challenge and opportunity for non-profits. Successful grants must construct a compelling argument and align with funder priorities. Students partner with community leaders to complete applications in support of actual programs. This course is designed for upper level students and does not count toward the major or minor in Sociology or Political Science. Offered by arrangement.

402  Advanced Studies in Politics  A major original research project developed and implemented in consultation with a department faculty mentor. Particularly appropriate for qualified students seeking to graduate with Research Honors. Prerequisite: consent of faculty mentor prior to registration. Offered occasionally.

415  Senior Seminar (W)  Students must apply research skills and analytical reasoning acquired in earlier coursework by conducting an original research project on a given theme and presenting their results in writing and in an oral presentation to peers. Offered each fall.

PSYCHOLOGY

Themanson, Furlong, Kerr, Kunce, Montpetit, Sheese, Vicary, Williams

Courses in psychology are designed to explore the principles of human and animal behavior. The curriculum is designed to meet three goals:
1) To provide a basic background in principles and exploratory methods of psychology in preparation for graduate study in areas such as experimental, clinical and physiological psychology and medicine;

2) To prepare students to function at the bachelor’s level in careers that apply psychology to such areas as education, business, and human services;

3) To enhance the liberal education of all students.

Located in the Center for Natural Sciences, the department of psychology provides excellent facilities for experimental and applied work. Laboratories for cognitive studies, animal learning and conditioning, behavioral neuroscience, developmental, abnormal and statistics are used in classroom instruction and undergraduate research. The psychology computer lab provides 16 networked computer systems. Many students choose to do individual research projects in the 399, 400, and 401 courses. Students also choose from a wide variety of internship experiences in human services settings throughout the community.

**Major Sequence:**
A minimum of 11 course units in psychology including:

1. Psychology 100

2. Psychology 227 and 300 (recommended sophomore year)

3. Two of the following: Psychology 211, 212, and 213

4. Two courses, numbered 251-259 (cannot take both 252 and 253 to fulfill this requirement)

5. One course, numbered 311-321

6. One course, numbered 351-369

7. One additional course, numbered 301-370, 400, or 497

8. One additional course in Psychology (This may be met with any Psychology course with the exception of 101 and 202)

9. One course carrying the EXP attribute (does not need to be in addition to above)

Courses outside the department that are required:

1. Two semesters of Biology, either 101 and 102 or 107 and 108

2. A philosophy course approved by the advisor (or Psychology 330)

**Minor Sequence:**
Six course units of which at least two are upper division. If students meet competencies through advanced placement or through coursework in another department, they must take additional courses to meet unit requirements.

Requirements include:

1) Psychology 100

2) either 211, 212, or 213

3) either 251, 252, 253 or 259

4) One of the following options:
   a. 202 and two additional psychology courses number 301 or above
   b. 227 and 300 and one additional psychology course number 301 or above
   c. Completion of methodology competency in another department (approved by psychology department chair), two additional Psychology courses numbered 301 or above, and one additional Psychology course as necessary to meet the six unit requirement.
100 General Psychology (LSI)  A survey of topics in psychology, and an introduction to scientific methodology. Offered each semester.

201 Animal Behavior  Animal behavior is examined in the context of biological theories ranging from classical ethology to sociobiology. The implications of biological perspectives of animal behavior are examined and critically assessed. Offered during May Term.

202 Psychological Research  Research methods and statistical analysis primarily intended for minors. Does not count toward psychology major and students may not receive credit for both this course and psychology 300 (Research Methods in Psychology). Prerequisite: 100. Offered each spring.

211 Learning and Conditioning (LSL)  An introduction to the principles of learning and conditioning in both humans and animals. Topics include Pavlovian (classical) conditioning, operant conditioning, and applied behavior analysis. Laboratory work includes conditioning of animal subjects. Prerequisite: 100 recommended. Offered each semester.

212 Perception and Cognition  Overview of perceptual and cognitive psychology. Topics include visual and auditory illusions, motion and depth perception, face recognition, attention, memory and amnesia, first and second language acquisition, problem solving, judgement and decision making, intelligence, and creativity. Students participate in computer-based experiments that are classics in the field of human perception and cognition. Prerequisite: 100. Offered each semester.

213 Behavioral Neuroscience  An introduction to the structure and function of the neuron, basic neuro-chemistry, neural substrates involved in learning and memory, behavioral disorders, neurodegenerative diseases, and sexual behavior in humans and animals. Prerequisites: Biology 101-102 or 107-108 or consent of instructor. Offered each semester.

227 Statistics  An introduction to statistical procedures in psychology, with the goal of integrating statistical theory with statistical applications. Topics may include basic measurement, probability, measures of central tendency and variability, correlation, regression, hypothesis testing, the t-test, analysis of variance, and non-parametric techniques. Students may not receive credit toward graduation for both this course and Sociology 227 or Business Administration 227. Offered each semester.

251 Abnormal Psychology (LSI)  The etiology, assessment, and treatment of patterns of deviant behavior. Emphasis is placed on recent experimental and clinical findings. 100 recommended. Offered each semester.

252 Child and Adolescent Development  Psychological development from conception through adolescence. Emphasis upon theoretical and methodological approaches to studying developmental change. Prerequisite: 100. Offered annually.

253 Lifespan Developmental Psychology  Using current theoretical and empirical work, Lifespan Developmental Psychology offers a comprehensive overview of human development from womb to tomb. Topics include the biological, psychological (i.e., cognitive and emotional), and social forces that drive and shape development, and the dynamic impact of context and culture on these processes. Prerequisite: PSYC 100 or BIOL 107. Offered each spring.

259 Social Psychology  Understanding the individual in a social context. Topics include attitudes, social cognition, stereotypes, aggression, communication, influence, attraction and intimacy, and the application of psychology to social problems. Prerequisite: 100. Offered each semester.

270/370 Special Topics in Psychology  Courses addressing topics of special interest in psychology. See current Program of Classes to determine if this course fulfills general
education requirements. Offered annually.

300 Research Methods in Psychology (W) Design, analysis and reporting of psychological research. Prerequisites: 100, 227, and one of the following—Psychology 211, 212, 213, 251, 252, 253 or 259. Offered fall and spring.

302 Neuropsychopharmacology Principles of drug action and their effects on human behavior. Prerequisite: Biology 101-102 or 107-108. Psychology 213 recommended. Offered occasionally.

311 EXP Advanced Behavioral Processes (EXP) Examination of learning, conditioning, and behavior theory, emphasizing discussion and evaluation of primary sources. Topics include modern theories of classical conditioning, operant-Pavlovian interactions, theories of reinforcement, quantitative models of choice, behavioral economics, superstition, and biological constraints on learning. Laboratory. Prerequisites: 211 and either 202 or 300 or consent of instructor. Offered annually.

312 EXP Experimental Research in Cognitive Psychology (EXP) An exploration of topics from experimental cognitive psychology. There is an emphasis on reading primary sources, critiquing the research and proposing future studies. Students participate in classic computer-based experiments in higher cognition. Prerequisites: 212 and 300 or consent of instructor. Offered annually.

313 EXP Advanced Behavioral Neuroscience (EXP) (1.25) (W) Neural mechanisms of behavior in animals, investigated through laboratory demonstrations and student-conducted experiments. Prerequisite: 213 or consent of instructor. Offered each spring.

314 Advanced Human Neuroscience This course surveys the theory and practice of using recordings of electrical (and magnetic) activity of the brain to study cognition and behavior. It explores what brain activity reveals about normal and abnormal perception, attention, decision-making, memory, response preparation, social behavior, and language comprehension. Prerequisites: PSYC 213 Offered every fall.

321 Brain Injury and Recovery (W) Mechanisms of neuroplasticity following injury and the consequent impact on behavioral recovery, investigated through an in-depth study of basic and clinical research. Topics include mechanisms of cell death and survival, spontaneous recovery and rehabilitation with a focus on stroke, traumatic brain injury, and spinal cord injury. Prerequisites: Psychology 213. Offered in alternate years, spring term.

329 Special Topics in Behavioral and Cognitive Psychology and Neuroscience Courses addressing topics of special interest in the more traditional experimental areas of Psychology (e.g. behavioral psychology, cognitive psychology, behavioral neuroscience). See current Program of Classes to determine if this course fulfills General Education requirements.

330 History and Systems of Psychology (IT) A study of the historical, philosophical, and conceptual foundations of contemporary psychology. The course will trace “history of ideas” from early Greek philosophy to modern psychology, with particular emphasis on the Darwinian revolution. Prerequisite: two courses in psychology. Offered annually.

331 Psychological Disorders of Childhood Psychological assessment of children, examination of childhood disorders (e.g. autism, attention-deficit hyperactive disorder, and depression), and psychological treatment of children and families. Prerequisites: 251 or 252, and either Psychology 300 or consent of instructor. Offered occasionally.

334 Psychology of Racism Students will learn how to define and analyze dynamics of racism. They will work to develop a sense of agency through advanced readings, dialogues, writing and experiential exercises. Student will learn ways that systems of privilege are perpetuated and explore ways to interrupt the cycle. Prerequisite: consent of instructor.
Offered occasionally.

351 Counseling and Psychotherapy (IT,W) An overview of counseling methods, and models of psychological treatment. Approaches covered include behavioral and cognitive-behavioral, psychodynamic, person-centered, and Gestalt. The course also covers therapeutic response modes, family and group therapy, and community interventions. Prerequisites: 100, 251. Offered occasionally.

352 Advanced Child Development Provides an in-depth examination of the biological and environmental influences on child development. Specific topics include nature/nurture, genetics, epigenetics, the impact of poverty, media exposure, abuse and physical punishment, and the development of psychopathology. Prerequisites: PSYC 252 or consent of instructor. Offered in alternate years.

353 Mental Health and Aging This service-learning course explores basic issues relating to the mental health of elders, critically examining both pathological aging (i.e., assessment, diagnosis, and treatment) and resiliency (e.g., social support, personality, and stress). Throughout the semester, we’ll explore linkages between the scientific literature and students’ experiences from volunteering with community elders. Prerequisites: PSYC 202 or 300, except with instructor permission. Offered annually.

355 EXP Psychology & the Environment (EXP) Students will apply psychological science to better understand (a) how humans impact the environment and (b) how the environment influences human well-being. To contextualize this work, students learn about several major environmental issues. Students conduct original research studies in the course laboratory. Prerequisites: PSYC 100 and PSYC 227 or PSYC 300, or permission of instructor. Offered occasionally.

359 Advanced Social Psychology (W) Theoretical and empirical perspectives on social psychology. Three or four topics on a rotating basis will be selected for intense study from both classic and contemporary approaches. Possible topics include influence, prejudice, obedience, love, group dynamics, social cognition, stress and coping, disclosure, the self, aggression, and loneliness. Prerequisites: 300 or consent of instructor. Offered annually.

369 Special Topics in Clinical, Developmental and Social Psychology Courses addressing topics of special interest in the more applied areas of Psychology (e.g. clinical, social and developmental psychology). See current Program of Classes to determine if this course fulfills General Education requirements.

374 Psychology of Gender (U) An exploration of psychological perspectives on gender with a particular emphasis on culture, race, social class, and psychological development. Topics include sex and gender, biological bases of gender, sexuality, gender identity and implications for researchers and practitioners. Prerequisites: 100. Offered annually.

379 Helping Skills Course content emphasizes the stages and skills of the helping process, especially with respect to relevant theory, ethical guidelines, research, and issues in diversity. Students will work on developing interaction skills important in many helping professions (e.g., counseling, medicine, human resources). Emphasis is on both academic and experiential learning. Prerequisites: PSYC 100 and PSYC 251, or permission of the instructor. Offered occasionally.

380 Sports and Exercise Psychology This course examines a wide variety of topics in sport and exercise psychology by investigating how psychological factors influence participation and performance in sports and exercise and how, in turn, participation in sports and exercise affects the psychological makeup of an individual. Offered each spring.

395 Directed Study Individualized directed readings on a topic of interest to the student which is not normally a part of the curriculum, resulting in the preparation of a significant paper. Prerequisite: consent of the department chair. Offered each semester.
397  Internship  Supervised experiential learning for students in psychology. Placements include, but are not limited to, mental health clinics, educational agencies, and correctional systems. A substantial written project is required. Graded on a Credit/No Credit basis. Prerequisites: Three courses in psychology, declared major or minor in psychology, and consent of the department internship coordinator. Offered each semester.

399  Research Internship  Experimental or theoretical examination of a topic of interest to the student and cooperating faculty member. A significant paper detailing the findings of the investigation is expected at the conclusion of the work. Prerequisite: consent of the department chair. (1/2 or 1 unit) Offered each semester.

400  Directed Research  Independent research in collaboration with a faculty member. This course will provide students with research experience. Students will prepare a thesis proposal; the proposed research will be completed in 401. Prerequisites: psychology 300, at least five courses at the 200 level or higher, and approval of a thesis supervisor and the department chair. Offered each fall.

401  Thesis in Psychology (W)  Independent research conducted in collaboration with a faculty member. This course will provide students with research experience that will provide a foundation for graduate study. Students will complete and defend a thesis. Prerequisite: 400. Offered each spring.

RELIGION

Sullivan, Chaulagain, Erlewine, Jin, Mysofski

The academic study of religion offers an interdisciplinary approach to the ways in which human thought, values, ceremonies, literature, architecture, art, community, and politics are woven into a cultural and religious fabric. Our courses explore the religious traditions of Asia, the Middle East, Africa, the Americas, and Europe. We expect students to engage in critical and constructive thinking, to develop their reading, writing, and speaking skills, and to expand their aesthetic awareness.

The major and minor programs in religion invite students to consider the nature and definition of religion; to assess and apply critical theories and methods; and to practice comparative, constructive, and empathetic analysis of texts, rituals, and communities. Required classes are grouped in four categories: 1) textual studies, 2) history of religions, 3) critical-constructive studies, and 4) methodological studies. The religion major provides a wide range of skills, including the ability to research, write in various capacities, and to think critically. Such skills prepare students for virtually any career path after college including graduate studies in religion. Because of its flexibility, the religion major is suitable as a second major. Both the major and the minor effectively complement majors in history, sociology, English, philosophy, and in recent years, biology.

Major Sequence:
A minimum of nine course units in religion to include:

1) one course unit from 130, 223, 323, 325, 334, 335
2) one course unit from 104, 132, 204, 231, 304, 330, 331, 332, 333, 342
3) one course unit from 106, 241, 242, 324, 341
4) one course unit from 290, 291, 292, 293, 294 (expected completion by junior year)
5) four additional course units chosen in consultation with an advisor
6) Senior Seminar in Religion (one course unit): 490
7) No more than two of the nine course units may be taken at the 100 level; at least four must be at the 300 level or above.
8) Optional tenth course: 491 (does not count toward major)

**Minor Sequence:**
Six course units as follows:
1) two course units chosen from two of the following categories:
   a) 130, 223, 323, 325, 334, 335
   b) 104, 132, 204, 231, 304, 330, 331, 332, 333, 342
   c) 106, 241, 242, 324, 341
2) one course unit from 290, 291, 292, 293, 294
3) three additional course units
4) No more than two of the six course units may be taken at the 100 level; at least two must be at the 300 level or above.

102 **Introduction to Religious Thought (AV)** An introduction to central issues in religious thought and their relevance in the contemporary world. Topics may include the idea “God,” the nature of the self, the nature of religious experience, and the question of pluralism. *Offered annually.*

104 **Introduction to Myths and Rituals (CSI, G)** An introduction to the academic study of religion. Investigation of the basic components of religions through comparison of sacred narratives (myths) and patterned interactions with sacred powers (rituals). Special focus on interpretation of religious experience and the symbolic meanings present in myths and rituals. *Offered annually.*

106 **Women, Religion, and Spirituality (CSI, G)** A rediscovery of women’s religious activities and women-centered spirituality in a variety of cultural and religious settings, ranging from ancient to contemporary traditions, and from local to world religions. Includes cross-cultural comparisons of women’s writings about their encounters with the sacred. *Offered in alternate years.*

110 **Religions of the World (CSI, G)** An introduction to the variety of religious traditions and communities throughout the world, emphasizing their contemporary cultural and social contexts. Included for study will be the beliefs and practices of the world religions as well as the religions of indigenous peoples. *Offered in alternate years.*

111 **Exploring Mysticism (IT)** Explores mystical traditions within various religions in order to reconstruct their understandings of ultimate reality and the human situation. Focus will be given to ancient and medieval traditions; contemporary traditions may also be studied. *Offered occasionally.*

120 **Introduction to Biblical Studies (IT)** Focuses on understanding the historical, cultural and religious traditions within the biblical narratives, the process of the canonization of the biblical texts, and the variety of methods of interpretation used to study the biblical materials. *Offered annually.*

123 **Jesus at the Movies (AR)** This course will examine Jesus as a movie star. We will be particularly interested in the problems encountered by and ways in which Hollywood has depicted Jesus on the silver screen. We will explore how the portrayal of Jesus has varied as social, political, and religious perspectives have shifted over the last century. *Offered in alternate years, May Term.*

130 **Asian Religious Literature (LIT, G)** An introduction to the religious literatures of India, China, and Japan. Emphasis on close reading and analysis of a variety of primary texts, with attention paid both to distinguishing stylistic and structural dimensions of individual texts and to situating those texts within their historical and social contexts.
Offered annually.

131 Chinese Religions (CHC, G) An introduction to the three major Chinese religions: Taoism, Confucianism and Chinese Buddhism. Emphasis is placed on doctrinal and institutional evolvements and changes, as well as the socio-historical factors that affected these changes. Offered in alternate years.

132 Asian Religious Practice (CSI, G) A selective introduction to religion as practiced in the cultures of South, East, and Southeast Asia. Emphasis is placed on understanding and comparing such possible topics as life-cycle rites, sacrifice and worship, divination and possession, meditation, monastic life, and pilgrimage. Offered occasionally.

133 Islam in the Modern World (CHC, G) This course will introduce students to Islam, its evolution, and the challenges it faces both within and in relation to others. The students will have an informed understanding of Islam, its historical development, its diversity, inter-religious dialogues, and the major challenges posed by religious violence in the modern world. Offered annually.

135 Zen (CHC) As a unique form of East Asian Buddhism, Zen has fascinated people not only through its wisdom, but also through the expression of such wisdom: haiku, tea ceremony, calligraphy, landscape painting and pastoral poetry. But what is Zen? How does it work as a religion? What are the features that make it unique? And what factors contributed to its appearance and continuation within East Asia? This course seeks to address precisely these questions. Offered in alternate years.

170 Special Topics Introductory study of selected topics in textual studies, contemporary religious thought, or the history of religions. May be repeated if subject matter is different. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

204 Native American and African Religions (CSI, G, W) This course will investigate the religions of native peoples, balancing an overview of patterns in religious traditions across the Americas and Africa with specific studies of individual religions. Focused on the nature and definition of religion in the myths, rituals, social roles, and traditions of indigenous communities, this course also offers substantial instruction in essay writing. Offered in alternate years.

209 Myth, Image, and Symbol in South Asian Religion (AR, G) (Cross-listed with ART 209) An investigation of the interrelationship among textual and non-textual forms of religious expression in South Asian religion. Readings from Hindu, Buddhist, and Jain traditions will be correlated with images and symbols drawn from sculpture, painting, dance, and film. Offered occasionally.

210 Greek Myth and the Hero (IT) (Cross-listed with GRS 210) In our society, “myth” is often perceived as “storytelling” that has an element of falsehood built into it. For archaic Greek society, like many traditional societies that operate on ancestral principles, myths are the ultimate way of encoding truth values. Storytelling, therefore, is not just entertainment; it is a set of patterns set up by a specific society that gives the members of the culture a sense of their own identity. In this course we will begin to understand how the storytelling traditions of Greece established social order and define what it means to be truly civilized. Offered annually.

221 The World of Jesus (CHC, W) This course studies Judaism from the Exile (587 BCE) by the Babylonians to the Jewish War against Rome (70 CE). It focuses on the Jewish reaction to three historical events: (1) the destruction of Solomon’s Temple, (2) the desecration of the Second Temple by the Greeks, (3) its destruction by the Romans. It reconstructs the religious and political climates which resulted from these historical struggles and which provided the ground for the beginning of Christianity. Offered in alternate years.
223 Paul and Revelation (CHC) Examines the growth of Christianity from its origins as a Jewish group to a religion in the second century, which distinguished itself from Judaism. The focus will be on the emergence of three Christian groups by the middle of the second century: the Jewish Christians, the Pauline Christians, and the Johannine Christians. Offered in alternate years.

231 Cults, Divination and Popular Religions in East Asian Societies (CHC) This course focuses on the diverse forms of popular religion in East Asian societies, such as cult, pilgrimage, divination, folk ecology and ancestral worship. While without systematic formulation of doctrines and practices, popular religions are as vibrant as those institutionalized religions, if not more. Thus this course aims to introduce students to the richness of the East Asian culture through a close examination of such popular expressions of religiosity, and the complex and sometimes fluid relationship among these popular religions. Offered in alternate years.

232 Hindus and Christians (IT, G) An introduction to the history and theology of Hindu-Christian encounter, with special attention given to colonial rule and missionary ideology in India, strategies of Hindu reform, and the current status of Hindu-Christian dialogue. Offered in alternate years.

241 Modern Religious Thought (IT) An intellectual history of 19th and 20th century Christian and Judaic thought, this course is organized around major themes in religious thought (e.g., the idea “God,” the relationship between reason and faith, and the nature of history). Representative works by major thinkers in Christian and Judaic theology and philosophy are read to see how these thinkers have dealt with such themes over time and in relation to wider currents in intellectual thought. Offered in alternate years.

242 Philosophers Read the Bible (IT, W) Philosophers have long been avid readers of the Bible, frequently debating questions of authority and meaning regarding text. In this class, we will grapple with philosophical debates over the meanings of specific passages of the Bible as well as explore disputes over such topics as revelation and prophecy. Offered annually.

246 Who is (not) a Jew? (IT) The institution of ‘Jewishness’ has carried with it significant religious, ethnic and social connotations. In this course we will examine representations of Jews in countries where Jews are the minorities (especially in predominantly Christian countries) by exploring both how Jews conceive of themselves in regard to non-Jews, and how non-Jews understand themselves with regard to Jews. Offered occasionally.

270 Special Topics Intermediate study of selected topics in textual studies, contemporary religious thought, or the history of religions. May be repeated if subject matter is different. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

290 Interpreting Religious Experience (IT, W) What do we mean by calling an experience ‘religious’? How has the concept of religious experience come to play such an important role in modern theology and the academic study of religion? Such historical and critical questions will be examined by reading the work of theologians and scholars of religion from the Enlightenment to the present. Offered in alternate years.

291 Magic and Religion (CSI) An examination of the ways of identifying religious actions and beliefs, focusing on disputes over the terms “magic” and “religion.” Emphasizes the approaches that scholars bring to their studies of witchcraft, sorcery, shamanic traditions, and controversial aspects of contemporary religious culture. Offered in alternate years.

292 Religion in Contemporary Japan (CSI, G) An exploration of religion as practiced in postwar Japan. Through the analysis of selected themes such as secularization, healing, and new religious movements, students are introduced to the complexity of Japanese religion and to sociological methods for its study. Offered occasionally.
293  **God and Postmodernism (IT)**  While post modernism’s oft-cited father, Friedrich Nietzsche made the famous claim “God is dead,” transcendence and divinity have always played important roles in post-modern thought. In this course we will explore post-modern theory and its analyses of religion and God. *Offered in alternate years.*

294  **Jesus and the Gospels (IT)**  Explores the various portraits of Jesus in the gospel literature of the New Testament and the extra-canonical traditions. By approaching the literature from a historical-literary perspective, we will reconstruct each gospel’s interpretation of Jesus and, finally, the “historical” Jesus himself. *Offered in alternate years.*

295  **The Problem of Interpretation in Buddhism (IT)**  This course introduces the practice of scriptural interpretation in Buddhism and, as the basis of that, how Buddhists conceive of the nature of truth, understanding and language. To facilitate a more in-depth appreciation of this subject, the course also introduces the Western theories of Hermeneutics as its methodological framework. *Offered in alternate years.*

304  **Latin American Religions (CHC, G, W)**  Historical study of the religions of the indigenous, imported, and emergent cultures in the Americas, including the traditions of the pre-conquest tribal cultures, religions formed during the contact of indigenous and European peoples, the transformed Christian traditions in modern Latin America, and religions of African heritage. *Offered in alternate years.*

307  **Voodoo, Santería, and Candomblé (CSI, G)**  An examination of the distinctive spirituality of the African diaspora, whose religions fuse ideas and expressions from ancestral African traditions with the ancient traditions of Western and American religions in a variety of cultural settings. Emphasis on understanding the persistence and reinterpretation of religious experience in new and dynamic dimensions. *Offered in alternate years.*

309  **Imagining Modern India (IT, G)**  This course explores the many ways Indians have imagined and contested the identity of the modern nation. Students will assess a variety of religious, moral, and artistic visions that have worked to shape the India of today, from Rabindranath Tagore and Mahatma Gandhi to Gurcharan Das and Arundhati Roy. *Offered in alternate years.*

310  **Cults in America (CSI, U)**  A critical investigation of so-called “cults,” New Religious Movements, sects, and alternative spirituality formed over the past 150 years in the United States. Includes study of a wide range of phenomena, from millenarian groups to the New Age, and their purpose and place in contemporary society. *Offered in alternate years.*

318  **Blood Rites and Mystery Cults (CHC)**  (Cross-listed with GRS 318 and HIST 318)  Ancient Roman religion was uniquely open to foreign influence while respecting its own customs. This course will examine how the Roman people demonstrated this quality as they adopted or adapted new religious ideas and traditions from the beginnings of the Roman monarchy in 753 BCE to the fifth century CE. *Offered occasionally.*

321  **Angels and Demons in Biblical Literature (IT)**  This course will examine the ideas of Biblical writers with regard to the fundamental role that the spirit world (angels and demons) played in their understanding of the universe. In so doing, we will come to understand how important these ideas were in shaping Christian beliefs generally. *Offered in alternate years.*

322  **Judaism and Christianity in the Greco-Roman World (CHC)**  This course examines the development of Judaism and Christianity during the Roman period from 167 BCE-312 CE. We will study pivotal moments in the development of Judaism and Christianity to see how these religions were affected by Greek culture and the Roman Empire and also how these religions affected the course of Western history. *Offered in alternate years.*
323 Christian Controversies and Creeds (IT, W)  Traces the development and meaning of the major doctrinal traditions which gained authoritative status within the ancient Church from the bible to the Council of Chalcedon. We will understand these traditions to be the result of dialogue, contention, and controversy between various groups of Christians. Offered in alternate years.

324 Sexuality and Christianity (AV)  Studies the development of attitudes toward sexuality and the body in many varieties of Christianity in order to understand the origins, complexity, and continuation of the religious sanctification of sexism in our society. Offered occasionally.

325 Lost Books of the Bible (IT, W)  This course examines writings from antiquity that were omitted from the Bible such as the Dead Sea Scrolls, The Book of Enoch, and the Gospel of Thomas and considers the complex reasons why these writings were omitted and what they might mean for us today. Offered in alternate years.

330 Buddhism in India and Tibet (CHC, G)  An overview of the Buddhist religious tradition as it developed in South Asia and Tibet. Emphasis placed on the development of Buddhist doctrine and practice in Theravada, Mahayana, and Tantric traditions. Offered in alternate years.

331 Buddhism in East Asia (IT)  Buddhism assumes various forms in its various homes across East Asia, where the originally South Asian religion has interacted with indigenous religious traditions in a long process of mutual influence and mutual assimilation. Such a process has given Buddhism a uniquely East Asian aspect. This course is designed to explore this East Asian aspect through the examination of the major doctrinal debates either within Buddhism, or among Buddhism and other major East Asian traditions. Offered in alternate years.

332 The Hindu Religious Tradition (CHC, G)  An introduction to the major themes of thought and practice that characterize the Hindu religious tradition. Attention will be paid to exploring the relationship between the religious life of ancient India and the subsequent development of classical and modern Hindu movements. Offered in alternate years.

333 Islam from Mecca to Malcolm X (CHC, G)  A study of Islam through its core religious doctrines, texts, practices, and leaders in the diverse cultures in which the religion has thrived. Includes a focus on the central issues of Islamic development in the contemporary U.S., especially as shaped by Malcolm X and the immigrant communities. Prerequisite: Senior or junior standing or consent of instructor. Offered in alternate May Terms.

334 Reading Hindu Texts (LIT)  A course in the close reading of selected texts from the ancient and classical Hindu tradition, with special attention to issues of historical context; genre, style and structure; commentary, interpretation, and translation; and the development of religious and philosophical systems. Texts chosen may include the Upanisads, Bhagavadgita, Yogasutras, or classical Vedanta texts. Offered in alternate years.

335 Reading Buddhist Texts (LIT, W)  Dedicated to a close reading of selected Buddhist texts, this course focuses on issues of historical contexts, formation and development of major religious teachings, interaction among texts, and their impact on the cultures in which they have been and are still being widely circulated. Offered in alternate years.

336 The World of Thought in Ancient China (IT)  This course introduces the world of thought in ancient China (500-200 BCE) as one of the intellectual and moral fountainheads of East Asian civilizations. It focuses on the competing views about the relationship between Man and an impersonal God, as well as Man’s response to the Way,
or the Tao, of that God.

341 Religious Tolerance and Pluralism (AV)  In the contemporary world, religious differences are a major cause of conflict. How are we to contend with these differences? This class debates various arguments about tolerance and pluralism such as whether or not Jews and Christians are morally obligated to adapt their religious world-views to these principles. Offered in alternate years.

342 Judaism through the Ages (IT)  A survey of the varied nature of Judaism focusing on history, theology, philosophy, and politics. Subjects covered will include the Hebrew Bible, Second Temple Judaism, Rabbinic theology, Maimonides, the Haskala (Jewish Enlightenment), Hasidism, Zionism, and the diversity of contemporary Judaism. Offered in alternate years.

343 American Jewish Thought (IT)  How have developments in history, philosophy, science and especially the multicultural nature of society in the twentieth and twenty-first century US, shaped Jewish self-understanding? Of particular interest are the contested issues of Chosenness, the meaning of God, ethnicity, and religious observance.

370 Advanced Topics in Religion  Investigation of selected topics in textual studies, contemporary religious thought, or the history of religions intended for more advanced students and students with previous study in religion. May be repeated if subject matter is different. See current Program of Classes to determine if this course fulfills general education requirements. Offered occasionally.

397 Internship in Religion  Students may arrange internships on an individual basis in areas related to religious and social agencies. May be repeated in a different area for a maximum of two units. Prerequisite: two other courses in religion or consent. Will not satisfy university general education requirement. Offered each semester.

450 Independent Study  Designed to allow students to develop individual interests. Prerequisite: one course in religion and consent of instructor. May be repeated if subject matter is different. Offered each semester.

490 Senior Seminar in Religion  Arranged in consultation with individual members of the Religion Department. Student will select a topic and conduct research toward a substantial paper while participating in a guided study of methods in religion. Prerequisites: senior standing, Religion majors only. Offered each fall.

491 Senior Honors Research Project  Arranged in consultation with individual members of the Religion Department. Continuation of research conducted in Religion 490, emphasizing original research and leading to the completion of a research honors project. Prerequisites: 490, Research Honors candidacy. Offered each spring.

RUSSIAN

Balina

The University’s second language proficiency requirement is outlined in the General Education section of this Catalog on page 101. Students who studied Russian in high school are strongly encouraged to take a placement test at the beginning of their first year. Students interested in continuing their language study should contact the program advisor as early as possible.

Study Abroad Programs are offered through our International Office and are highly encouraged for the minor.

See Literature and Culture Studies in English Translation beginning on page 219 for information on courses taught in English.

Minor Sequence in Russian Language and Literature

1) Russian 201: Intermediate Russian
2) Russian 202: Intermediate Russian II
3) LC 250: Dangerous Texts: Russian Literature and Politics OR LC 245: Russian Culture and Society Through Film
4) Two courses from the following:
   Russian 301: Advanced Russian Conversation and Composition I
   LC 242: Strangers in Their Own Home: Yiddish Culture of Eastern Europe
   LC 247: Fairy Tales of the 20th Century: Archaic Values in the Modern Age
   LC 272: From Utopia to Science Fiction: Imagining the Future in Russia and Germany
   LC 347: The Moral Impulse in Russian Culture: Reading Leo Tolstoy
   LC 350: Terrible Perfection: Women in Russian Literature and Film.

101, 102 Elementary Russian  Reading, listening, and speaking skills are emphasized. Introduction of the Cyrillic alphabet, formation of basic pronunciation and reading skills, introduction to the cases of nouns and adjectives, and Russian verbs in present, past, and future tenses. Prerequisite for 102: Russian 101 or equivalent.

201 Intermediate Russian I (LA)  The emphasis of this course will be on grammar for listening and reading comprehension. Students will be introduced to complex sentences, passive voice, certain forms of the subjunctive and usage of the infinitives. Conversational skills will continue to be developed. Prerequisite: 102.

202 Intermediate Russian II (G)  Conversational skills continue to be developed, especially for narration and dialogue in the past and future tenses. Writing skills will be developed; exposition will be used as a main form in development of writing skills. Conversational topics will incorporate authentic materials. Prerequisite: 201. Offered in alternate years.

LC 242 Strangers in Their Own Home: Yiddish Culture of Eastern Europe (IT, G)  This course will examine the intellectual traditions that influenced the growth and development of Yiddish culture between 1800 and the present. The focus will be placed on traditional values in the life of the Jewish community in Russia and Eastern Europe, their positive as well as restrictive impact on individual Jewish experience. The study of the intellectual traditions will be reflected through three major areas of human experience: literature, arts, and film. Texts will be read in English translation. Offered in alternate years.

LC 245 Russian Culture and Society Through Film (CHC, G)  This course will acquaint students with Russian cultural history focusing on the tremendous changes in the country from the Bolshevik Revolution of 1917 to the present. The films selected for viewing and class discussions demonstrate cultural and sociopolitical conditions unique to Russia. Covers major events in the history of Soviet culture and the rapid and unpredictable changes in contemporary Russia. Offered in alternate years.

LC 247 Fairy Tales of the 20th Century (AV)  This course analyzes the ethical and philosophical values expressed through the early forms of culture-myth and folklore. It analyzes the transformation of the fairy tale into the literature, film, and popular beliefs of the 20th Century. Discussions are based on Russian fairy tales, literary texts, art, music and film, as well as Western interpretations of the traditional fairy tale values. All lectures and discussions are in English. Offered in alternate years.

LC 250 Dangerous Texts: Russian Literature and Politics (LIT, G)  This course will examine in translation “dangerous texts” of the 19th and 20th century. Students will learn which characteristics of texts and their authors were seen as threats, how these threats were dealt with, and how all of these factors affected the very nature of writing and reading.
in Russia. The reading list includes works by: Pushkin, Gogol, Dostoyevsky, Chekhov, Bulgakov, and Mayakovsky. *Offered in alternate years, fall semester.*

**LC 272 From Utopia to Science Fiction: Imagining the Future in Russia and Germany (IT)** This course traces the development of utopian thought in the 19th and 20th centuries as it manifested itself in Russia and later in East Germany. Special attention will be given to the dialogue between utopia, dystopia, and anti-utopia in Russia and (East) German literature, political texts, film, art and music, as well as examples from the United States and England. The future of the utopian ideal will be discussed as well in the contexts of post-communist culture. All lectures, readings, and discussions are in English. *Offered in alternate years, spring semester.*

**301 Advanced Russian Conversation and Composition I** A course designed to strengthen grammar for reading and writing. Authentic texts will include newspapers and expository prose about history and politics. Prerequisite: 202. *Offered in alternate years.*

**LC 347 The Moral Impulse in Russian Culture: Reading Leo Tolstoy (AV)** Leo Tolstoy considered his primary task as a writer to influence and to shape the morality of the Russian nation. He viewed the family as the primary source of the moral development of the human being. The course will examine two of his works, Anna Karenina, and The Kreutzer Sonata and focus on family values—the questions of love, adultery, and moral responsibility—as they are expressed in these works. All lectures and discussions are in English. *Offered occasionally.*

**LC 350 Terrible Perfection: Women in Russian Literature and Film (LIT, G)** In this course, we will examine the development of female characters in Russian literature and cinema. Special attention will be given to the women’s role in Russian culture, society, and history. The course will focus on the investigation of the relationship between women and cultural traditions and women and political oppression. A wide range of Russian/Soviet texts and films will be presented. *Offered occasionally.*

**397 Internship** Opportunities for students to apply linguistic and cultural skills in a professional context in a wide variety of professional areas and locations including local, domestic, and international sites. Prerequisites: language proficiency at the 302 level. *Offered as needed.*

**499 Independent Study** A major research project related to the study of Russian language, culture, or literature under the close supervision of a faculty member. Prerequisite: consent of instructor required. *Offered as needed.*

**RUSSIAN AND EAST EUROPEAN STUDIES**

For information about the major or minor in International Studies with a concentration in Russian and East European Studies, please see International Studies on page 202.

**SOCIAL SCIENCES**

At Illinois Wesleyan, the social sciences include anthropology, educational studies, history, political science, and sociology.

Students seeking teacher certification in social studies through the secondary educational studies program should contact either the chair of the history department or the coordinator of teacher education.

In addition, there are specific courses of an interdisciplinary nature, or capable of interdisciplinary application, which are offered for the benefit of students in all fields.
SOCIOMETRY

Gearhart, Amoloza, Burke, Rundblad, Sikora

Sociology, a behavioral science with a humanistic orientation, combines social relevance with the rigor of a scientific discipline. Its subject matter is human association and all that it produces, including culture, technology, and society itself. Students who are curious about the social influences on human behavior, concerned about social injustice, or interested in human service professions find sociology an attractive major. Sociology enables students to develop the knowledge and skills necessary to work with people in almost any occupation.

Students may declare a major in sociology as late as fall semester of their junior year, although special interests and needs may be accommodated through the advising process. To broaden their educational opportunities, students are encouraged to develop a minor field, to study abroad, or to participate in the Chicago Urban Studies Program.

Sociology integrates its vast knowledge base with quantitative and qualitative research, interpersonal communication, and computer skills. Coursework in statistics, research methods, and applied courses complement the University’s liberal arts education. The fundamental principles of human association are scrutinized throughout the curriculum. Volunteer work and internships in diverse settings apply sociological principles to practical contexts vital for working and fostering sustainability in our domestic and global societies.

Major Sequence:
A minimum of ten courses in sociology to include:
1) Sociology 227*, 290, 327**, and 492***; and
2) at least six additional courses, with two at the 300-level and no more than one at the 100-level.

Sociology majors must earn at least a C- in 227 (statistics) and 327 (methods) to demonstrate proficiency in the skills needed to conduct independent sociological research and to register for 492 (senior seminar).

*Sociology majors who have earned at least a C- in statistics in another discipline are required to take a sociology course at the 200-level or above in its place to complete the required sociology course units for the major. Consultation with and approval from the department chair is required.

**Sociology majors who have earned at least a C- in research methods in another discipline are required to take a sociology course that includes a significant research component (e.g., 314, 392, 395) in its place to complete the required sociology course units for the major. Consultation with and approval from the department chair is required.

***The prerequisite for registering for Sociology 492 is earning at least a C- in statistics and research methods, either in sociology or in another discipline, as approved by the department chair.

Sociology majors are required to take 227 prior to 327, and both 227 and 327 prior to 492.

Minor Sequence:
A minimum of six courses in sociology to include:
1) 227*, 290 and 327**; and
2) three additional courses, at least one at the 300-level (excluding 397)
and no more than one at the 100-level.

Sociology minors must earn a passing grade in statistics and research methods, either in sociology or in another discipline.

*Sociology minors who have passed statistics in another discipline are required to take a sociology course at the 200-level or above in its place, to complete the required sociology courses for the minor. Consultation with and approval from the department chair is required.

**Sociology minors who have passed research methods in another discipline are required to take a sociology course that includes a significant research component (e.g., 314, 392, 395) in its place, to complete the sociology courses for the minor. Consultation with and approval from the department chair are required.

Sociology minors are required to take 227 prior to 327.

Pre-Professional Opportunities

Sociology offers a good foundation for graduate and professional degrees and for careers in social service, criminal justice, and community organizations. Working closely with their faculty advisor, students develop a course of study, including related minors, which best fits their interests and aspirations.

In selecting courses that fit their career goals, students may wish to consider the following combinations:

1) Graduate Study in Sociology: 101, 210, 305, 344, and 392.
3) Criminal and Juvenile Justice: 120, 230, 328, and 330. Additional course work outside the department is recommended; interested students should consult with their faculty advisor.
5) Business Organization: 210, 344, and 392. A minor in business administration or human services management is recommended.

For additional information, consult the Sociology program’s webpage at [http://www.iwu.edu/sociology/](http://www.iwu.edu/sociology/).

101 Introductory Sociology (CSI) Invites students to use basic sociological concepts and research methods to analyze patterns of behavior and beliefs in contemporary social institutions such as the family, education, religion, mass media and work. Offered each semester.

120 Social Problems (CSI) Explores injurious social conditions in society, their causes and consequences, and the policies designed to ameliorate them. Includes such issues as street crime, drug use, poverty, welfare, and urban decay. Offered each semester.

210 Social Organization Examines the basic forms of interpersonal cooperation, including social relationships, networks, groups, clans, communes, markets, corporations, and social service organizations. Offered as needed.

222 Sex and Gender in Society (CSI, U) Explores how sex and gender become culturally defined social categories, how women and men learn their socially accepted sex role behaviors, and how sex roles become institutionalized in society. Offered annually.

227 Social Statistics An introduction to basic statistical concepts and data analysis in the social sciences. Topics include measurements, descriptive statistics, discrete and continuous probability distributions, estimation, hypothesis testing, analysis of variance, correlation and regression analysis, and use of a computer statistical package. Students may not receive credit toward graduation for both this course and economics 227 or
psychology 227. Prerequisite: math 100 or equivalent proficiency. Offered each spring.

230  Race and Ethnic Relations (CSI, U)  Examines the structural and institutional contexts of majority and minority group relations, the historical roots of discrimination and prejudice, and the dynamics of intergroup conflict, with special emphasis on the African-American experience. Offered annually.

240  The Profession of Social Work  Examines the norms and practices of the social work profession from a sociological perspective. Includes such topics as the history, functions, and current status of the profession; professional training; methods and programs of clinical intervention in the United States; and issues of professional ethics. Field experience acquired through field trips and volunteer opportunities. Offered each fall.

270  Special Topics  Selected topics in sociology open to students of all majors, particularly sophomores and juniors. May be repeated for credit if content is not duplicated. See current Program of Classes to determine if this course fulfills general education requirements. Offered as needed.

277/377  Travel and Fieldwork in Sociology  Guided explorations of places, groups, and cultures beyond Bloomington-Normal. Itinerary, readings, and assignments vary from semester to semester. See Program of Classes for specific course descriptions and general education designations. May be repeated for credit if the topic does not duplicate. Prerequisite: At least one course in Sociology or consent of instructor. Offered occasionally in May.

290  History of Social Thought (IT, W)  A study of social philosophy and sociological theory from the Enlightenment to the present, including such figures as Karl Marx, Max Weber, and Emile Durkheim. Emphasizes the biographical, historical, and intellectual contexts of their ideas. Offered each semester.

305  Medical Sociology (IT, W)  Examines issues of power and the social construction of knowledge with regard to health and illness. Topics include aspects of the evolution of medical institutions, cultural and social definitions of health and illness, the training of doctors, and issues of power and control in the medical profession. Junior or senior standing. Offered in alternate years.

311  Marriage and Family  Focuses on the social institutions governing sexual relations in society. Topics include dating, courtship, mate selection, husband-wife relationships, parenting, marital conflict, divorce, and remarriage. Emphasis is placed on recent changes in American marital relations. Junior or senior standing or consent of the instructor. Offered in alternate years.

314  Communities and Urban Sociology  This course emphasizes ethnographic methods to examine key theoretical and empirical literature in the sociological study of community, with an emphasis on urban life. Students will conduct independent ethnographic research on a community of their choosing, to demonstrate their ability to fuse theory and research in these areas.

327  Methods of Social Research (W)  An introduction to basic theory and methods of research, data collection, and analysis in the social sciences. Emphasis is placed on survey research design, sampling strategies, interviewing techniques, data processing and analysis, and report writing. Prerequisite: at least a C- in Social Statistics 227 or equivalent. Offered each fall.

328  Criminology  A systematic analysis of the nature, causes, and prevention of crime, and the treatment of the criminal. Junior or Senior standing. Offered annually.

329  Sociology of Deviance  Examines human attributes and behavioral variations and the processes through which some of these are defined as deviant or normative. Considers the ramifications of the social construction of deviance. Stresses circumstances and context. Junior or Senior standing. Offered in alternate years.
330  **Juvenile Delinquency**  Examines the phenomenon of juvenile delinquency and provides an overview of the nature, extent, causes, and control of juvenile delinquency in the United States. Junior or Senior standing. *Offered annually.*

344  **Population and Environment**  Studies the causes and consequences of population change. Topics include the principles of demography, the processes of fertility, mortality and migration, and the impact of population and technology on the natural environment. *Offered in alternate years.*

350  **Advanced Racial and Ethnic Studies**  This course provides advanced exposure to contemporary sociological scholarship in racial and ethnic studies. Students will also deepen their writing and research skills by completing an extensive research proposal, which they could potentially use in their Senior Seminar course or in future research endeavors. Prerequisite: 230. *Offered occasionally.*

354  **Gender and Globalization (G)**  Examines the social construction of gender roles in the context of economic development. Topics include theoretical perspectives on women and development, the effects of colonization and “modernization” on women and their families, and changing gender roles in both the agricultural and industrial sectors. *Offered in alternate years.*

362  **Social Welfare and Human Services**  Examines and evaluates social welfare institutions and organizations, emphasizing contemporary policy issues and social problems and practices. Recommended for students interested in the human services professions and students considering pursuit of the masters in social work. Field experience acquired. Prerequisite: 240 or consent of instructor. *Offered each spring.*

370  **Special Topics**  Specially-designed courses of a topical nature intended for juniors and seniors. May be repeated for credit if content is not duplicated. See current *Program of Classes* to determine if this course fulfills general education requirements. *Offered as needed.*

373  **Social Documentary Photography**  A hands-on course designed to teach students to understand, perceive, and interpret society though the use of visual data. Texts begin with Jacob Riis’ photographs of New York immigrants and conclude with contemporary essays in visual sociology. Assignments include student-made documentary films and photographic studies. *Offered occasionally.*

377/277  **Travel and Fieldwork in Sociology**  Guided explorations of places, groups, and cultures beyond Bloomington-Normal. Itinerary, readings, and assignments vary from semester to semester. See *Program of Classes* for specific course descriptions and general education designations. May be repeated for credit if the topic does not duplicate. Prerequisite: At least one course in Sociology or consent of instructor. *Offered occasionally in May.*

392  **Class, Status, and Power (IT, W)**  Explores our understanding of the foundations of social inequality, how it is developed and sustained, and how it changes in society. Students examine how social institutions create and support inequalities in power, property, privilege, and prestige in the United States by studying theoretical and empirical explications of social inequality and by conducting independent research. Junior or senior standing or consent of the instructor. *Offered in alternate years.*

395  **Action Research Seminar (Cross-listed with PSCI 395)**  This seminar bridges theory and applied research in community action. The course introduces the student as scholar-citizen to the multiple ways of seeking information on communities and examining community issues. On teams with community partners and faculty, students develop action plans and implement research projects. Open to second year students and above. *Offered every fall.*

397  **Internship**  Directed research and work in a social agency, business or government bureau. Prerequisites: Junior or senior standing and approval of the Sociology and
Anthropology Department. See Career Center for preliminary details and internship forms. Offered each semester.

398 Grant Writing Grants are a funding challenge and opportunity for non-profits. Successful grants must construct a compelling argument and align with funder priorities. Students partner with community leaders to complete applications in support of actual programs. This course is designed for upper level students and does not count toward the major or minor in Sociology or Political Science. This course is cross listed with Political Science 398. Offered by arrangement.

450 Independent Study Individual study in an area of special interest. Student must devise a plan of study in cooperation with instructor. Limit: two units of credit. Junior or senior standing. Offered each semester.

492 Senior Seminar (W) A research seminar devoted to recent developments in sociological theory and research, or applied sociology. Prerequisites: At least a C- in statistics and research methods, and senior standing. Offered each spring.

SPANISH
See Hispanic Studies

THEATRE ARTS
Quinn, Theatre Arts Faculty

(For detailed information about the BFA degree and specific course offerings, see section on the School of Theatre Arts beginning on page 311.)

Both the Bachelor of Arts and the Bachelor of Fine Arts Degrees are anchored in a broad liberal arts background with a core of foundation courses in theatre arts in addition to the general education courses required by the University. The Bachelor of Arts program provides the student with creative experiences and academic training through classroom and laboratory course of study with studio and performance experiences available. This degree program is particularly suited to the student who wishes to declare a second academic major or who has a strong interest in more than one aspect of theatre.

Current students must undergo an interview with the Director of Theatre Arts before declaring a theatre major or minor. No audition is required for acceptance to the Bachelor of Arts degree program.

Performance and production opportunities in the McPherson and Lab Theatre seasons are available to all students of sophomore standing and above.

Major Sequence:
A minimum of 10 course units in theatre arts to include:
1) THEA 105X and/or THEA 106X (12 enrollments)
2) THEA 110, 112, 141, 188, 220, 241, 355, 371, 372, 441
3) One of the following: THEA 219, 221, 288*

*Students interested in performance are encouraged to take upper level performance courses.
*Students interested in design are encouraged to take upper level design courses.

Miscellaneous Requirements and Limitations:
A. Candidates for the BA degree are expected to make significant contributions either as performers or technicians in the production program. They may expect assignment to such duties as are considered by the faculty to be necessary and desirable in their academic and artistic development.
B. Majors are expected to adhere to all policies and procedures outlined in the *School of Theatre Arts Handbook.*

C. Attendance at all Theatre Arts classes is mandatory.

D. At the conclusion of the sophomore year, students meet individually with the faculty of the School of Theatre Arts to evaluate progress to date.

E. Students who fail to fulfill their responsibilities within the School of Theatre Arts may be put on departmental probation, limiting their ability to participate in the production program.

F. Juries will be held for theatre majors during each academic year to give the faculty the opportunity to provide input on individual student progress and to assist the student’s decisions in a continuing course of study.

**Minor Sequence in Theatre Arts:**
A minimum of seven course units to include:

1) THEA 102
2) THEA 241
3) THEA 220
4) one of the following: THEA 110 or THEA 112
5) 6 enrollments in: THEA 105X and 106X
6) 3 electives in Theatre Arts, 2 of which must be at the upper level

Students interested in declaring a minor in Theatre Arts must arrange an appointment with the Director of Theatre at the earliest convenience.

**Minor Sequence in Theatre Dance:**
A minimum of seven course units to include:

1) THEA 102 (Theatre majors substitute THEA 180) and 376
2) two enrollments of each of the following: MUTH 234, 235, 334, and 335
3) MUTH 336
4) one of the following: THEA 490, 491, 498, 499 or MUTH 494
5) A total of one course unit from the following: PEC 325, MUTH 232, 233, 332, or 333

Students interested in declaring a minor in Theatre Dance should arrange an appointment with the head of the dance program and with the Director of the School of Theatre Arts at the earliest convenience.

**WESTERN EUROPEAN STUDIES**

For information about the major or minor in International Studies with a concentration in Western European Studies, please see International Studies on page 202.

**WOMEN’S AND GENDER STUDIES**

*Myscofski, Director*

Women’s and Gender Studies is an interdisciplinary curriculum that offers feminist perspectives on the human experience, analyzes the role and contributions of women in history, investigates the impact of the construction of gender in our lives and institutions, and examines the construction of knowledge. The curriculum is designed to meet three goals:

- To study gender as a category of analysis, and its intersection with race/ ethnicity, class, age, sexual identity, and (dis)ability, especially within a
multicultural and institutional context;
  - To focus on historical, social, cultural, economic, and political issues affecting women and men;
  - To reflect on the rapidly expanding scholarship on women and gender.

Since the discipline of Women’s and Gender Studies promotes social change, some courses include an activist or service learning component. Still others ask students to reflect on how gender-related issues affect people’s lives, including their own. Opportunities for internships and independent study allow students to individualize the major according to their interests or career goals.

Women’s and Gender Studies is valuable to students planning to attend graduate school and/or build careers in such areas as business, health care, education, government, history, law, psychology, religion, and social work.

The Women’s and Gender Studies major requires a minimum of ten courses and the minor requires a minimum of six courses. Students must earn a grade of “C” or higher for a course to count toward a major or minor. Students interested in a Women’s and Gender Studies major or minor should consult the Women’s and Gender Studies Director for academic advising, especially since not all courses are offered each semester.

**Major Sequence:**
A minimum of ten course units, to include the following (A minimum of four courses must be at the 300-400 level):

1) Women’s and Gender Studies 101: Introduction to Women’s and Gender Studies (CSI, U)
2) History 244 Women and the American Experience (CHC, U)
3) Six additional courses designated as Women’s and Gender Studies courses. Courses must be chosen from at least two different divisions, schools, or programs, and within those, from at least three different departments or disciplines. WGS 270, 370, 397, and 450 may also count in these six.
4) One course focused on non-western, minority, or immigrant women. Choose from among these:
   - Anthropology 252: Gender in Cross-Cultural Perspectives (CSI, G, W)
   - Anthropology 350: Birthing, Healing, and Dying (G, W)
   - English 129: Third World Women Speak (G, LIT)
   - English 259: Sex, Text, and Tradition in Black Women’s Writing (LIT, U)
   - History 343: Migration, Ethnicity, and Race (CHC, U)
   - Lit/Culture 207: Language and Gender: U.S. and Japan (CSI, G)
   - Lit/Culture 350: Terrible Perfection: Women in Russian Literature and Cinema (LIT, G)
   - Sociology 354: Gender and Globalization (G)
5) Women’s and Gender Studies 490: Senior Seminar (W)

**Minor Sequence:**
A minimum of six courses to include:

1) Women’s and Gender Studies 101: Introduction to Women’s and Gender Studies (CSI, U)
2) Five additional courses designated as Women’s and Gender Studies; at least two of must be at the 300 level. These five courses must be chosen from at least two different divisions, schools, or programs and within those, at least
three different departments or disciplines. WGS 270, 370, 450, and 490 may also count in these five.

*Applies if course has significant women’s and gender issues content. Contact the Women’s and Gender Studies Director for advice.

HUMANITIES
English 120: Women and Literature (LIT)
English 122: A Woman’s Place (LIT)
English 123: Bad Girls (LIT)
English 129: Third World Women Speak (LIT, G)
English 170: Special Topics: 20th Century Women Writers (LIT)
English 220: Literature and its Signs: An (Un)Suitable Job for a Woman (LIT) or New Woman: A Literary History (LIT)
English 222: Shakespeare’s Shrews (LIT, W)
English 259: Sex, Text, and Tradition in Black Women’s Fiction (LIT, U)
English 361: Gender and the Novel (LIT, U)
English 370: Special Topics*
Greek & Roman Studies 312: Sex and Gender in Ancient Greece and Rome (CHC, W)
Literature & Culture 207: Language and Gender (CSI, G)
Literature & Culture 274: Superwomen of Central European Fiction and Film (CHC, G, W)
Literature & Culture 350: Terrible Perfection: Women in Russian Lit/Cinema (LIT, G)
Philosophy 230: Philosophy of Feminism (AV, U)
Religion 106: Women, Religion, and Spirituality (CSI, G)
Religion 324: Sexuality and Christianity (AV)

SOCIAL SCIENCES
Anthropology 252: Gender in Cross-Cultural Perspective (CSI, G)
Anthropology 350: Healing, Birthing, and Dying (G, W)
History 244: Women and the American Experience (CHC, U)
History 249: Growing Up in America, 1607-Present (CHC, U)
History 323: Sex, Gender and Power under King James (CHC)
History 343: Migration, Ethnicity, and Race (CHC, U)
History 344: The Gilded Age, 1865-1900 (CHC, U)
History 350: Women, Work, and Leisure 1890-1930 (CHC, U)
History 390: Special Topics *
Political Science 220: Women and Politics (CSI, U)
Political Science 270: Special Topics *
Political Science 342: The Politics of Presence (W)
Sociology 222: Sex and Gender in Society (CSI, U)
Sociology 311: Marriage and Family
Sociology 354: Gender and Globalization (G)
Sociology 355: Special Topics *

NURSING/HEALTH
Health 310: Special Topics in Health *
Health 330: Human Sexuality (AV)
Health 351: Abuse in America
NATURAL SCIENCES
Psychology 333: Psychology of Gender (U) (prerequisite PSYC 100; some section for Psychology majors only)

FINE ARTS
Theatre 370: Special Topics*

WOMEN’S AND GENDER STUDIES
Women’s and Gender Studies 270: Special Topics in Women’s and Gender Studies
Women’s and Gender Studies 370: Special Topics in Women’s and Gender Studies
Women’s and Gender Studies 397: Internship
Women’s and Gender Studies 450: Independent Study

101 Introduction to Women’s and Gender Studies (CSI, U) The study of women’s lives and the construction of gender roles in American culture and society. Topics may include literary, religious, and philosophical perspectives on sex and gender, culture variations in gender, issues of women’s health and sexuality, the relationship of gender, class, and ethnicity, and specific social issues such as economic discrimination or violence based on gender. Offered annually.

270 Special Topics in Women’s and Gender Studies Designed to explore a topic of special interest in Women’s and Gender Studies. Not all special topics courses will earn credit in general education; see current Program of Classes to determine if course earns general education credit Offered occasionally.

370 Special Topics in Women’s and Gender Studies An examination of selected topics in women’s and gender studies at the advanced level, focusing on theoretical approaches to the study of gender. Not all special topics courses will earn credit in general education; see current Program of Classes to determine if course earns general education credit Offered occasionally.

397 Internship Directed research and work for experiential learning with a community organization, not-for-profit association, social service agency, or business focused on women and/or gender issues. See Career Center for additional information. Prerequisites: declared Women’s and Gender Studies major or minor, junior or senior standing, WGS 101, and consent of the Women’s and Gender Studies Director. Offered each semester.

450 Independent Study Individualized study (including directed readings) on a topic not normally in the Women’s and Gender Studies curriculum resulting in the preparation of a significant end product such as a research paper or performance. Student must devise a plan of study in cooperation with faculty. Prerequisites: declared Women’s and Gender Studies major or minor, junior or senior standing, and consent of the Women’s and Gender Studies Director. Offered each semester.

490 Senior Seminar (W) An advanced research and writing seminar examining a topic in Women’s and Gender Studies. Students may contribute to the booklist and create a related activist component. In addition, each student in the seminar will research and write an analytical paper examining an aspect of the chosen topic. Prerequisites: declared Women’s and Gender Studies major or minor, and senior standing. Offered each semester.

PROFESSIONAL PREPARATION IN THE COLLEGE OF LIBERAL ARTS
The University considers the intellectual breadth which results from a liberal arts education to be an invaluable asset for individuals planning to enter
a profession. This view has been accepted by employers and experienced professionals. Keeping this assumption in mind, Illinois Wesleyan offers many opportunities and advantages to the future professional. In addition to the opportunity provided by its own professional schools, the University has made arrangements with other institutions for combined programs leading to both liberal arts and professional degrees. In the College of Liberal Arts itself, students may obtain professional training in the areas of business and education. Also, numbers of graduates in liberal arts and the professional schools pursue advanced degrees and go on to become doctors, lawyers, ministers, and college teachers.

**Business**

The departments of accounting and financial services, business administration, and economics in the College of Liberal Arts provide excellent preparation for students wishing to proceed directly into the business profession, to enter on-the-job training programs, or to do additional academic work leading to advanced degrees in these fields.

Students who plan a career in business may wish to combine graduate study in business with an undergraduate major in some other discipline. Interested students should contact the Career Center.

**Combined Programs**

The special combined liberal arts-professional programs in conjunction with other institutions are designed for students who wish to obtain both a B.A. or B.S. degree and a professional bachelor’s degree. Such combined courses are available in engineering, occupational therapy, and medical technology. For complete information on opportunities and requirements connected with these programs, contact the Registrar or the Director of the Career Center.

**Educational Studies**

Each year a significant number of Illinois Wesleyan graduates are licensed for entry into the teaching profession.

Students may prepare for teaching at either the elementary or secondary level. Specialization in music education is also possible.

Future elementary teachers major in elementary education. Those students seeking secondary licensure double major in an approved academic discipline and secondary education. Those who plan to teach music major in music education through the School of Music.

Course requirements, as mandated by both the Illinois State Board of Education and IWU, are quite specific, leaving little room for electives. It is, therefore, essential that all students planning to enter the teaching profession declare their intent to do so to the Chair of the Educational Studies Department as soon into their academic career as possible.

**Forestry and Environmental Management**

Illinois Wesleyan University participates with the School of the Environment at Duke University in offering a 3-2 cooperative program in forestry and environmental management, providing a unique combination of liberal and professional education. Illinois Wesleyan students majoring in biology, business, economics, or political science may participate in the program.

During their three years at Illinois Wesleyan, students complete the general
education requirements of the College of Liberal Arts, selected requirements of their major department and 26 courses. Irrespective of major, all students are also expected to have had at least one course in calculus (Mathematics 161 or 165), statistics (Natural Science 227 or Sociology 227 or Business Administration 227) and Economics (Economics 100), and to have a working knowledge of word processing and spreadsheet analysis. For students who select either the Resource Ecology or the Forest Resource Management program, this previous training must include an introductory course in ecology (biology 217 preferred but 227 acceptable).

Qualified students are then accepted into either of two degree programs at Duke University, the Master of Forestry (M.F.) for those concentrating in Forest Resource Management or the Master of Environmental Management (M.E.M.) for those concentrating either in Resource Ecology or in Ecotoxicology and Environmental Chemistry or in Water and Air Resources or in Resource Economics and Policy or in Coastal Environmental Management. Upon satisfactory completion of the initial two semesters of study at Duke (24 semester hours at Duke), Illinois Wesleyan University awards the student the appropriate bachelor’s degree. After successful completion of two additional semesters of study, the student receives one of the professional master’s degrees from Duke University.

Recent graduates hold positions with industrial firms, environmental consulting firms, state and Federal governmental agencies, and private conservation groups.

Many students complete their four-year baccalaureate degree program from Illinois Wesleyan before entering the M.F. or M.E.M. program at Duke. For students with specific career goals combining interests, Duke’s School of the Environment has established formal concurrent degree programs allowing students to earn both a M.F. or M.E.M. degree from the School of the Environment and either a Master of Business Administration degree from the School of Business, or a law degree (Juris Doctor) from the School of Law, or a Master of Arts in public policy degree from the Institute of Policy Sciences and Public Affairs. To obtain further information about the degree programs of Duke University’s School of the Environment, contact the Natural Science Division Office in the Center for Natural Sciences Learning and Research.

**Journalism**

Newspaper editors and journalism graduate schools often prefer applicants who have broad backgrounds of college study. Illinois Wesleyan offers the breadth of a strong liberal arts curriculum, along with basic courses in journalism within the English department. Many graduates have gone on to a journalism school or directly into the profession after gaining experience at Illinois Wesleyan through internships or work on the campus newspaper staff.

**Law**

A background of four years in the liberal arts has proved to be excellent preparation for entrance into law school. Illinois Wesleyan graduates have traditionally enjoyed notable success in this field. Illinois Wesleyan graduates have been accepted at top law schools across the nation. Students considering a career in law should consult the Career Center for assistance in obtaining information.
about careers in law and about the process for making successful application to law schools.

**Medicine and Dentistry**

Undergraduate training in the biological and physical sciences combined with the breadth of the liberal arts experience have enabled Illinois Wesleyan graduates to gain acceptance to the best medical schools in the nation. The University and the natural science departments in particular have built outstanding reputations in preparing students for medical careers.

The Pre-Medical Advisory Committee functions to advise students interested in careers in medicine and to assist them in making application to medical and dental schools. The committee brings professionals to the campus and seeks other methods of informing students of career opportunities in medicine.

**Occupational Therapy**

Illinois Wesleyan University offers a 3-2 cooperative program with the Program in Occupational Therapy of the School of Medicine at Washington University in Saint Louis. It is a five year academic program in which the first three years are spent at Illinois Wesleyan and the final two years in the Washington University Program in Occupational Therapy. Students are eligible for admission to the Program in Occupational Therapy following successful (B- or higher) completion of course work at Illinois Wesleyan, to include: 1 life science course (200 level or above, Psych 213 would apply), 1 physiology course (or the 2 semester Human Biology sequence), Abnormal Psychology, Developmental Psychology, Statistics, plus an additional psychology or social science course.

Detailed information may be obtained from the University Occupational Therapy advisor by first contacting the Natural Science Division Office in the Center for Natural Sciences.

**Pre-Engineering**

Illinois Wesleyan University offers several possibilities for students who wish to enter the engineering profession. Most pre-engineering students participate in the 3-2 cooperative engineering program. In this program the student completes three years at Illinois Wesleyan University obtaining the basic science, mathematics, and general education courses necessary for entrance into formal engineering study at a larger university. Illinois Wesleyan has formal ties with Washington University (St. Louis), Case-Western Reserve University (Cleveland), and Northwestern University (Evanston) which virtually guarantee that the cooperating institution will accept the student provided that certain criteria are met. It is also possible to make individual arrangements with other institutions. Another program, either a 2-1-1-1 or a 3-2, is available with Dartmouth College (Hanover, N.H.) on a non-guaranteed basis. Students following either of these plans are awarded two bachelor’s degrees: a Bachelor of Arts degree from Illinois Wesleyan following the fourth year of study and a Bachelor of Science degree from the engineering school following the fifth year of study. Although most students who participate in these programs declare their Illinois Wesleyan majors in one of the sciences or mathematics, this program is also open to students who wish to major in non-science fields provided that certain science and mathematics courses are taken prior to application for
admission to the engineering institution. The 3-2 program combines the broad education typical of a liberal arts curriculum with the specialization typical of study in one of the engineering fields. Graduates of this program are especially well prepared for the future challenges to be faced by tomorrow's engineers.

A variety of other plans are also available for students whose needs are different from those who participate in the 3-2 plan. One of these, a 2-2 plan with the University of Illinois, coordinates the student’s first two years of study at Illinois Wesleyan with the program needed by the College of Engineering at the University of Illinois to assure the minimum number of problems with transfer. These students are treated as ordinary transfer students by both institutions. Other students have obtained their bachelor’s degree at Illinois Wesleyan before transferring to the engineering school. In some cases these students have entered into the same program of study at the engineering school as they would had they been on the 3-2 plan and obtained a second bachelor’s degree; others have entered directly into a master’s degree program.

**Pre-Ministerial Training**

Illinois Wesleyan offers an extensive program for training candidates for the ministry. A wide range of courses and the counseling available from the faculty in the department of religion contribute immeasurably to the student’s preparation for seminary study. The curriculum in the department of religion is interdenominational in approach. The University’s ties with the United Methodist Church and its proximity to the Church’s Central Illinois Conference offices make it possible for students to have meaningful discussions with both ministers and lay church leaders.

Students who are studying to enter the ministry may receive special financial aid in the amount of a half tuition grant, if they are in good standing and can demonstrate need for assistance. See the Financial Aid section for details.

**Social Work**

The sociology program offers courses, including field work experiences, which prepares students who plan to enter social work after graduation or graduate studies in this field.