

Academic Departments and Programs

AFRICANA STUDIES

Professors Hines and West (chair)
Associate Professors Jennings and Shutt

MINOR

Students minoring in Africana Studies must complete six of the following courses, at least two of which must be at the 300-level or above:

- two of the following African history courses, one of which must be HIST 120 or HIST 130:
 - HIST 120 *Early African History*
 - HIST 130 *Survey of Colonial Africa*
 - HIST 250 *History of Southern Africa*
 - HIST 280 *Contemporary Africa*
- one of the following African diasporan history courses:
 - HIST 325 *Africa and the Americas*
 - HIST 390 *African American History to 1865*
 - HIST 395 *African American History since 1865*
- two literature or cultural courses from the following list:
 - AFRI 400 *African Film*
 - ENGL 245 *African Novel*
 - ENGL 250 *Women and African Literature*
 - ENGL 361 *The Black Writer*
 - ENGL 455 *Chinua Achebe and Wole Soyinka*
 - RELI 360 *African American Religion*
 - TART 330 *Theatre and the Challenges of the Contemporary World: Africa and the African Disapora*
- one elective from the Catalog's Africana Studies list of courses, not already taken to fulfill requirements 1 through 3.
 - AFRI 400 *African Film*
 - ENGL 245 *African Novel*
 - ENGL 250 *Women and African Literature*
 - ENGL 361 *The Black Writer*
 - ENGL 455 *Chinua Achebe and Wole Soyinka*

HIST 120 *Early African History*
HIST 130 *Survey of Colonial Africa*
HIST 240 *History of the Islamic World*
HIST 250 *History of Southern Africa*
HIST 280 *Contemporary Africa*
HIST 325 *Africa and the Americas*
HIST 330 *Culture and Colonialism*
HIST 350 *Environmental History*
HIST 390 *African American History to 1865*
HIST 395 *African American History since 1865*
HIST 430 *Topics in African History*
POLI 390 *Race and American Politics*
RELI 360 *African American Religion*
SOC 270 *Racial and Ethnic Minorities*

Study abroad courses and independent studies, if applicable and approved by the Africana Studies Program Committee, could also be used to substitute for courses listed in sections 1, 2, and 3.

English majors and History majors may double-count only one course from their major toward the Africana Studies minor.

Courses

All other courses required for the Africana Studies minor are described under the respective academic departments.

AFRI 400 African Film

A study of feature films and documentaries made by African filmmakers, focusing on issues of culture, politics, gender, and environment in contemporary Africa. Prerequisites: any two courses in African history and/or African literature.

AMERICAN STUDIES

Professors Chappell and McKenna
Associate Professors Barth, Harris, Jennings, and Toth
Assistant Professors Skok and Vernon (chair)

The American Studies program provides an integrated and interdisciplinary approach to the study of U.S. history and culture. As such, it embodies the liberal arts aim of providing a breadth of knowledge to prepare students to be educated and inquisitive citizens of this dynamic and polysemic entity we call the United States. Course requirements ensure that students will (a) gain a variety of academic perspectives on American culture; (b) place American culture in some global context; (c) examine what 'American Studies' is; and (d) have the opportunity to pursue a specific area of interest, such as African American Studies or Southern Studies, within the larger field.

MAJOR

Twelve courses, as follows:

2 ENGL

2 HIST

2 POLI

1 SOCI/ANTH/PSYC

1 RELI/PHIL

1 non-U.S. culture (advisor approval)

2 other approved courses (including the above disciplines;
see list)

1 AMST 401 Seminar in American Studies

- Two of these courses must be “linked” in fulfillment of the introduction to American Studies Experience requirement (described below).
- At least three of the ten courses should be 200-level, at least three should be 300-level, and at least two should be 400-level—AMST 401 (see below) and another 400-level course (seminar or independent study) from a participating department.

- At least three courses should emphasize pre-1900 content, and at least three should emphasize post-1900 content.
- Students are encouraged to direct course selection and semester projects toward their own interests (such as “the South,” “African American culture,” or “Women in America”) so that their work will truly culminate with the capstone seminar project.
- If a student double-majors in American Studies AND one of the participating areas, the student must fulfill the American Studies requirement from outside the other major. So a History-American Studies double major cannot count History courses toward the American Studies major.
- If a student majors in American Studies and minors in one of the participating American Studies areas, the student must fulfill the American Studies requirements from outside the minor area.

MINOR

Six courses, as follows:

1 ENGL

1 HIST

1 POLI

1 SOCI/ANTH/PSYC/RELI/PHIL

2 other approved courses (including the above disciplines; see list)

- Two of these courses must be “linked” in fulfillment of the Introduction to American Studies Experience requirement (described below).
- At least three of the six courses should be 300- or 400-level courses.
- At least two of the six courses should emphasize pre-1900 content, and at least two should emphasize post-1900 content.
- If an American Studies minor is majoring in one of the participating areas, the student must fulfill the American Studies minor course requirements from outside the major department.

Introduction to American Studies Experience

- Two courses from participating disciplines “linked” together and taken during the same semester. The courses might share some material and texts, though certainly not all. So, as examples, POLI 245 American Political Thought might be linked with RELI 145 History of Religion in America, and ENGL 275 American Literature and the Environment might be linked with SOCI 375 Environmental Sociology.

- Periodically, as determined by the responsible faculty, the students will attend a joint class period devoted to readings and discussions of the larger issues: What is American Studies? What is the subject? What is the methodology? How successfully do these linked courses “do” American Studies?
- The link should be taken during the sophomore year. This “course” will give students the methodological foundations in the field as they pursue their upper level disciplinary courses, and it will introduce them to the theory and practice of American cultural studies.

Course List

English

ENGL 256 Major Nineteenth-Century American Authors
 ENGL 258 American War Literature
 ENGL 260 Southern Literature
 ENGL 262 Cultural Conflict and the Modern American Novel
 ENGL 273 Studies in American Literature
 ENGL 275 American Literature and the Environment
 ENGL 330 Modern American Poetry
 ENGL 331 Contemporary American Poetry
 ENGL 335 Modern American Fiction (1900-1945)
 ENGL 336 Contemporary American Fiction (1945-Present)
 ENGL 342 Faulkner
 ENGL 361 The Black Writer
 ENGL 465 Ernest Hemingway
 ENGL 490 Topics in American Literature

Politics

POLI 130 American State and Local Government
 POLI 205 Southern Politics
 POLI 220 American Political Parties and Elections
 POLI 230 Public Administration
 POLI 235 Public Policy
 POLI 245 American Political Thought
 POLI 300 Feminist Political Thought
 POLI 305 Arkansas Politics Seminar
 POLI 306 Arkansas Politics Practicum
 POLI 310 American Presidency
 POLI 321 American Constitutional Law: The Federal System
 POLI 322 American Constitutional Law: Individual Rights and Liberties

POLI 340 U.S. Congress
POLI 380 Gender, Sexuality, and American Politics
POLI 390 Race and American Politics
POLI 420 Topics in American Politics

History

HIST 190 History and Film
HIST 214 Poverty and Welfare in America
HIST 218 Progressive Era Reform, 1890-1920
HIST 256 The American Century, 1945-Present
HIST 270 Arkansas History
HIST 351 American Revolutionary Era
HIST 353 American Civil War and Reconstruction
HIST 360 Vietnam and the 60's
HIST 380 City and Nation in American History
HIST 385 American Social History to 1865
HIST 390 African American History to 1865
HIST 395 African American History since 1865
HIST 402 American Women's History
HIST 403 History of Death in America
HIST 420 Topics in American History

Sociology, Anthropology, Psychology

SOCI 240 Sociology through Film
SOCI 250 Gender and Family
SOCI 270 Racial and Ethnic Minorities
SOCI 300 The Urban Community
SOCI 310 Gender and Sexuality
SOCI 360 Social Change/Social Movements
SOCI 361 Sociology of Death
SOCI 362 Images of the City
SOCI 375 Environmental Sociology
SOCI 380 Medical Sociology
SOCI 390 Social Inequality
ANTH 260 Indian Pasts
ANTH 320 Gender and the Environment
ANTH 380 Indian Peoples of the Americas
PSYC 493 Topics: Psychology, Music, and American Culture

Religion and Philosophy

RELI 145 History of Religion in America
RELI 210 Native American Religions
RELI 336 John Wesley and Methodism
PHIL 340 American Philosophy
RELI 343 Religion in Contemporary American Culture
RELI 360 African American Religion

Other Disciplines

EDUC 210 History of Education
EDUC 230 American Sign Language
EDUC 231 American Sign Language II
EDUC 232 American Sign Language III
MUSI 230 History of Jazz

American Studies Courses

AMST 401 *Seminar in American Studies (W2)*

Students will research a project of their own choosing, but will meet regularly with one another and a faculty member to discuss their progress and methodological issues, to present their work and receive feedback, and to foster their identity as members of a particular academic community as well as their appreciation of the nature of that community. The primary goal for the course is to ensure the students understand, appreciate, and can apply American Studies methodologies. It will also provide an excellent opportunity for students to revisit the question, What is American Studies?

ART

Associate Professors Maakestad, Miller (chair)

Assistant Professors Lopas and Payne

STUDIO ART MAJOR

12 courses distributed as follows:

Core Courses (4)

- ARTS 100 Freehand Drawing
- ARTH 170 Western Art History Survey I: Prehistory through Medieval

or

ARTH 171 Western Art History II: Renaissance through 20th Century

- ARTH 430 Practicum: Professional Development
- ARTS 497 Practicum: Studio Art

Studio Electives (6)

- Three-course sequence in studio courses
- Two-course sequence in studio courses
- One additional studio course
- At least one studio course must be taken from the following 3-D courses:

ARTS 210 Beginning Sculpture

ARTS 310 Intermediate Sculpture

ARTS 410 Advanced Sculpture

ARTS 280 Ceramics: Handbuilding

ARTS 380 Ceramics: Wheel-thrown

ARTS 480 Advanced Ceramics

and at least one studio course must be taken from the following 2-D courses:

ARTS 360 Intermediate Drawing

ARTS 460 Advanced Drawing

ARTS 200 Beginning Painting

ARTS 300 Intermediate Painting

ARTS 400 Advanced Painting

ARTS 220 Printmaking: Woodcut

ARTS 320 Printmaking: Etching

ARTS 250 Beginning Photography

ARTS 350 Intermediate Photography

ARTS 450 Advanced Photography

Art History Electives (1)

- One art history course beyond the survey level

Electives (1)

- One elective in studio or art history

Senior Capstone Experience

The Senior Capstone Experience for the studio art major consists of a written examination, the Senior Art Show, and a professional portfolio. The grade for the Senior Capstone Experience is based on these three components.

STUDIO ART MINOR

Six courses distributed as follows:

- ARTS 100 Freehand Drawing
 - ARTH 170 Western Art History Survey I: Prehistory through Medieval
- or**
- ARTH 171 Western Art History Survey II: Renaissance through 20th Century
 - Two-course sequence in studio courses
 - Two additional studio courses

ART HISTORY MINOR

Six courses distributed as follows:

- ARTS 100 Freehand Drawing
- ARTH 170 Western Art History Survey I: Prehistory through Medieval
- ARTH 171 Western Art History Survey II: Renaissance through 20th Century
- One art history course at the 300- or 400-level.
- Two additional art history courses.

Note: the department will accept the following courses taught by other departments as art history electives:

AFRI 400 African Film
HIST 190 History and Film
SOVI 375 Images of the City

Studio Courses

Drawing

ARTS 100 *Freehand Drawing* (EA)

An introductory course in basic drawing that explores a range of drawing methods and media. Students will learn to translate visual perception into two dimensions. Critiques will develop an understanding of visual imagery. (This course does not count towards either a two or three course sequence required for art majors.)

ARTS 360 *Intermediate Drawing*

Students will examine the issues in translating three-dimensional reality onto a two dimensional surface. The emphasis will be on perceptual acuity and composition. Prerequisite: ARTS 100.

ARTS 460 *Advanced Drawing*

Students will construct space on a two-dimensional surface. Artifice will take precedence over perception. Prerequisite: ARTS 360.

Painting

This series of three courses will cover perception, imagination, form, color and space. As students advance they are expected to develop their own voice as painters.

ARTS 200 *Beginning Painting* (EA)

Prerequisite: ARTS 100.

ARTS 300 *Intermediate Painting*

Prerequisite: ARTS 200.

ARTS 400 *Advanced Painting*

Prerequisite: ARTS 300.

Sculpture

This series of courses begins with an introduction to basic conceptual development and modest technical instruction in areas such as clay modeling. Subsequent courses introduce more complex technical process such as mold-making, welding, casting, and woodworking. Advanced classes emphasize independent thought and personal conceptual development.

ARTS 210 *Beginning Sculpture* (EA)

Prerequisite: ARTS 100.

ARTS 310 *Intermediate Sculpture*

Prerequisite: ARTS 210.

ARTS 410 *Advanced Sculpture*

Prerequisite: ARTS 310.

Printmaking

ARTS 220 *Printmaking: Woodcut* (EA)

Prerequisite: ARTS 100 and one additional drawing course.

ARTS 320 *Printmaking: Etching* (EA)

Prerequisite: ARTS 100 and one additional drawing course.

Photography

These courses cover basic 35mm camera operation, black and white film processing, and photo printing.

ARTS 250 *Beginning Photography* (EA)

Prerequisite: ARTS 100.

ARTS 350 *Intermediate Photography*

Prerequisite: ARTS 250.

ARTS 450 *Advanced Photography*

Prerequisite: ARTS 350.

Ceramics

ARTS 280 *Ceramics: Handbuilding* (EA)

Introduction to the techniques and concepts of ceramic sculpture and functional ceramics.

ARTS 380 *Ceramics: Wheel Thrown*

Functional ceramics and ceramic sculpture produced using the potter's wheel. This course will introduce the operation of electric and gas kilns and will include instruction in clay and glaze technology. Prerequisite: ARTS 280.

ARTS 480 *Advanced Ceramics*

Advanced techniques in ceramic sculpture, wheel throwing, and mold-making. The class includes independent development in materials preparation and kiln firing. Prerequisite: ARTS 380.

ARTS 490 *Special Topics: Studio Art*

Prerequisite: Consent of the instructor.

ARTS 497 *Practicum: Studio Art*

Students will work on an individual basis to develop their own vision as artists. Group critiques will be regularly scheduled. The function of Practicum is to produce works that will be exhibited in the Senior Show. Students will create a professional quality slide portfolio complete with artist statement and resume. Prerequisite: Senior standing or consent of the instructor.

ARTS 499 *Independent Study*

This course offers students an opportunity to pursue interests in areas of study not typically offered by the department. Students should submit a written proposal for independent study at least one month before work commences. Prerequisite: Consent of the instructor.

Art History Courses

**ARTH 170 *Western Art History Survey I: Prehistory through Medieval*
(EA, HP)**

Introduces concepts and visual imagery of Ancient, Classical, and Medieval cultures.

**ARTH 171 *Western Art History Survey II: Renaissance through 20th
Century* (EA, HP)**

Introduces concepts and visual imagery from the Italian Renaissance through Postmodernism.

ARTH 331 *Renaissance and Baroque Art History*

Prerequisite(s): ARTH 170 and/or ARTH 171 are recommended for this course.

ARTH 332 *19th Century Art History (W2)*

This course centers around the developments in European art during the 19th century. Prerequisite(s): ARTH 170 and/or ARTH 171 are recommended for this course.

ARTH 391 History of Architecture

Students will study the history of buildings from Ancient Egypt to European Modernism of the 20th century. Prerequisite(s): ARTH 170 and/or ARTH 171 are recommended for this course.

ARTH 392 Art of Film

Covered in this class are basic film techniques and concepts. Students are required to view a wide variety of films and critique their artistic, conceptual, and ideological merits. Prerequisite: Consent of the instructor.

ARTH 430 Practicum: Professional Development

Students in this course will examine current theory, criticism, and practice relevant to understanding and creating art in the contemporary world. Prerequisite: senior standing or consent of the instructor.

ARTH 490 Special Topics: Art History

Prerequisite: Consent of the instructor.

ARTH 499 Independent Study

This course offers students an opportunity to pursue interests in areas of study not typically offered by the department. Students should submit a written proposal for independent study at least one month before work commences. Prerequisite: Consent of the instructor.

BIOCHEMISTRY/MOLECULAR BIOLOGY

Professors Bandyopadhyay, Collins, Goodwin, Haggard, and Kopper (co-chair)

Associate Professors Hales and M. Sutherland (co-chair)

Assistant Professors Duina and Murray

Biochemistry/Molecular Biology (BCMB) is an interdisciplinary major aiming at an in-depth understanding of living systems at the molecular level. Students in the BCMB major learn about cell structure, its characteristics from a biological and biochemical perspective, and its intricate and complex functions through which basic life processes are governed. To this end, the curricular structure for this major includes courses from various disciplines in the Natural Sciences, including Biology, Chemistry, Mathematics and Physics. In addition to the standard coursework, the BCMB curriculum emphasizes the importance of a research experience through which the students are exposed to the state-of-the-art techniques used by researchers in this field. The major also prepares undergraduate students interested in pursuing interdisciplinary graduate programs, such as genetic engineering, genomics, proteomics and bioinformatics.

MAJOR

The BCMB major consists of these courses:

- MATH 140 Calculus II
- PHYS 210 General Physics I or PHYS 230 General Physics I (Calculus-based)
- CHEM 110 General Chemistry I and CHEM 120 General Chemistry II
- CHEM 240 Organic Chemistry I and CHEM 250 Organic Chemistry II
- BIOL 150 Cell Biology
- BIOL 160 Organismal Biology
- BIOL 250 Genetics
- CHEM 320 Physical Chemistry: Thermodynamics and Chemical

Kinetics

- CHEM 330 Biochemistry
- BIOL 450 Advanced Cell Biology or BIOL 470 Molecular Genetics
- One upper level elective course from the following list
 - BIOL 310 Developmental Biology
 - BIOL 340 Microbiology
 - BIOL 430 Immunology
 - BIOL 450 Advanced Cell Biology (taken in addition to Molecular Genetics)
 - BIOL 460 Evolution
 - BIOL 470 Molecular Genetics (taken in addition to Advanced Cell Biology)
 - BIOL 320 Animal Physiology
 - BIOL 370 Plant Physiology
 - CHEM 430 Integrated Biochemical Topics
- Research (BIOL 499, CHEM 450, or Independent Study)
Subject to prior approval by the BMB core faculty.
One semester course credit for work done either:
 - a) during one summer (at least 8 weeks full-time work) at Hendrix or an off-campus summer research experience such as work under an REU program. All off-campus research projects must be pre-approved by the Program Chair.
 - b) two semesters work at Hendrix.

Senior Capstone Experience

The Senior Capstone Experience will consist of a choice of capstone experiences currently used by the Biology or Chemistry Department. Any rising seniors who select to change to this major will be current Biology or Chemistry majors who should be well prepared to complete the comprehensive examination and other elements of the capstone experience in their current major.

Biochemistry/Molecular Biology Courses

All the courses required for the Biochemistry/Molecular Biology major are described under the respective academic departments.

BIOLOGY

Professors Haggard (chair) and Lombardi
Associate Professors Hardin, Moran and M. Sutherland
Assistant Professors Agnew, Dearolf, Duina, Gatti-Clark,
and Murray

MAJOR

Ten courses distributed as follows:

- BIOL 150 Cell Biology
- BIOL 160 Organismal Biology
- BIOL 250 Genetics
- BIOL 260 Ecology and Evolution
- CHEM 110 General Chemistry I: Chemical Structure and Properties
and
CHEM 120 General Chemistry II: Chemical Analysis and Reactivity
or
an equivalent
- four biology electives, 200-level or above, at least three of which must be 300-level or above*

All majors must take BIOL 497 Biology Seminar, which does not carry course credit.

*The Biology Department strongly encourages students to design and carry out independent research for course credit. However, this credit will not count toward the four required electives.

Senior Capstone Experience

The Senior Capstone Experience for the biology major consists of a comprehensive examination and participation in the Senior Seminar course. The comprehensive examination is the standardized Major Field Achievement Test (MFT), or the Graduate Record Examination (GRE) in biology. BIOL 497 Senior Seminar is a one semester, non-credit course that meets weekly. During the course each senior presents a formal seminar. The grade for the Senior Capstone Experience is based on both

the standardized test score and the Senior Seminar grade.

MINOR

Any five biology courses numbered 150 or above. The Biology Department highly recommends that all students pursuing a biology minor take at least CHEM 110 and 120.

Students planning to certify to teach biology should contact their major advisors and the Education Department for a list of courses required within the major and by the professional societies for licensure.

The following are general guidelines for courses required by many graduate and professional schools. Students should refer to the Guide for Academic Planning and work closely with their academic advisors to ensure adequate course preparation for specific post-graduate programs.

Medical School, Dental School, and Veterinary Medicine

1. Preparation for qualifying examinations (MCAT, DAT, VCAT) is best achieved by completing at least BIOL 150, BIOL 160, and BIOL 250.
2. Two courses in General Chemistry and two courses in Organic Chemistry
3. At least one course in Mathematics
4. Two courses in Physics
5. Two to three courses in English

Graduate Schools

Many graduate schools in biology expect

1. Two years of Biology
2. Two years of chemistry through Organic Chemistry
3. One year of Physics
4. At least one Calculus course
5. At least one Statistics course
6. Competency in a foreign language

Experience with experimental design (such as through independent research), and in some cases, computer programming is highly desirable. Most graduate schools require a reading knowledge in at least one foreign language and/or basic programming skills.

Courses for non-science majors

The following courses are designed for non-science majors and may not be used to fulfill requirements for the biology major or minor. They will fulfill the collegiate Natural Science Inquiry learning domain requirement and may (check class schedule) fulfill the laboratory requirement.

BIOL 101 *Concepts in Biology* (NS-L)

The structure, function, heredity, evolution, and ecological interactions of living systems with emphasis on those concepts having major implications for humans and society.

BIOL 102 *Natural History* (NS-L)

The variety of organisms and ecosystems, with special emphasis on the geological and biological history of Arkansas. Field laboratories expose students to the major taxonomic groups of organisms.

BIOL 103 *Biology of the Human Body* (NS-L)

The structure and function of human organ systems, with emphasis on the maintenance and perpetuation of the living state.

BIOL 104 *Environmental Biology* (CW, NS-L)

An introduction to principles of ecology as they relate to the human concerns of overpopulation, resource management, pollution, and environmental ethics.

BIOL 105 *Plants in Human Affairs* (NS-L)

A consideration of useful and harmful plants in human cultures. Study emphasis is on plant origins, historical significance, economic importance, aesthetic uses, active ingredients, and their botanical relationships.

Biology core

The following four courses are required for all biology majors and must be completed by the end of the junior year.

BIOL 150 *Cell Biology* (NS-L)

The structure and function of cells with emphasis on evolutionary

principles, basic biochemistry, and scientific epistemology. Laboratory course. This is a prerequisite for all biology courses 160 or above.

BIOL 160 *Organismal Biology* (NS-L)

Study of the evolutionary relationships of major life forms by comparing the structure and function of physiological systems. The focus will be on the diverse adaptations of organisms to their environment. Laboratory course. Prerequisite: BIOL 150.

BIOL 250 *Genetics*

Fundamental principles of heredity, including both Mendelian and molecular genetics. Emphasis is on those principles with the greatest implications to understanding biological systems in general, and humans in particular. Laboratory course. Prerequisite: BIOL 160, or consent of instructor.

BIOL 260 *Ecology and Evolution*

Study of biotic and abiotic interactions among organisms and the evolutionary processes that have shaped life. Major topics include population and community interactions, biomes, forces of genetic change, adaptation, conservation biology, and the geological and biological history of the Earth. Laboratory course. Prerequisite: BIOL 250.

Biology electives

BIOL 210 *Botany*

Survey of algae, nonvascular, and vascular plants, with emphasis on the origin, structure, development, and physiology of flowering vascular plants. Laboratory course. Prerequisite: BIOL 160.

BIOL 220 *General Zoology*

A survey of the major phyla, classes, and orders of animals, with emphasis on basic body plans and organization, development, phylogenetic relationships, and the structure and function of representative organ systems. Laboratory course. Prerequisite: BIOL 160.

BIOL 300 *Comparative Animal Behavior* (W2)

Study of the genetic, developmental, physiological, ecological, and evolutionary bases of adaptive behavior of animals, including humans. Laboratory course. Prerequisite: BIOL 160 or both PSYC 295 and BIOL 101. Cross-listed as PSYC 300.

BIOL 310 *Developmental Biology* (W2)

A survey of the development of a variety of animals with emphasis on

the molecular processes involved. The embryology of vertebrates is stressed. Laboratory course. Prerequisite: BIOL 250.

BIOL 320 *Animal Physiology* (W2)

Study of the mechanisms of homeostatic regulation in animals with an emphasis on mammalian and other vertebrate organ systems. Laboratory course. Prerequisite: BIOL 160.

BIOL 340 *Microbiology*

Biology of bacteria and viruses. Laboratory includes culturing, identification, isolation from environment, and experimentation. Laboratory course. Prerequisite: BIOL 250.

BIOL 360 *Biology of Algae and Fungi*

Comparative ecology, physiology, and morphology of algae and fungi. Laboratory course. Prerequisite: BIOL 260.

BIOL 370 *Plant Physiology* (W2)

Study of the essential plant processes with emphasis on mineral nutrition, water relations, photosynthesis, hormones, and the influence of external factors. Laboratory course. Prerequisite: BIOL 160.

BIOL 430 *Immunology* (W2)

Principles of immunology with an emphasis on the role of experimentation in the development of current immunological concepts. The laboratory will include experiments to demonstrate principles and the use of immunological techniques for scientific investigation. Laboratory course. Prerequisites: junior or senior standing and completion of BIOL 150 and one course in chemistry.

BIOL 440 *Comparative Vertebrate Anatomy*

Phylogenetic relationships and anatomical systems of vertebrates with emphasis on cartilaginous fishes and mammals. Laboratory course. Prerequisite: BIOL 160.

BIOL 450 *Advanced Cell Biology*

An examination of current models of intracellular processes such as membrane and cytoskeleton structure, compartmentalization, transport, signaling, and the control of cell division. Emphasis on current research and theory. Laboratory course. Prerequisite: BIOL 250.

BIOL 460 *Evolution* (W2)

The mechanisms of evolution, principles of population genetics, selection and adaptation, and the history of life on Earth. Biological diversity and

evolutionary issues for conservation and medicine are also covered. Laboratory course. Prerequisite: BIOL 260.

BIOL 470 *Advanced Genetics*

Current research and paradigms in molecular genetics with emphasis on adaptive and developmental gene regulation, molecular evolution, manipulation for gene engineering, genomics, proteomics, and their implications. Laboratory course. Prerequisite: BIOL 250.

BIOL 480 *Field Ecology (W2)*

Studies of ecological patterns and processes in Arkansas ecosystems followed by comparative studies in non-Arkansas field sites. Comparative field study sites will alternate each year between Costa Rica and a US ecosystem such as the American Southwest or the Everglades. These comparative field studies entail an additional cost to the student. Laboratory course. Prerequisite: BIOL 260.

BIOL 490 *Advanced Topics*

Texts, review papers, and or original literature will be used to provide extended or integrated coverage of selected areas of biology. Prerequisite: junior or senior standing; check course announcements for specific prerequisites.

BIOL 497 *Biology Seminar*

Reviews of current literature and oral presentations by students based on library or original research. Non-credit, graduation requirement for all biology majors. Prerequisite: BIOL 260 and senior standing.

BIOL 499 *Independent Research*

Original research using scientific methodology of hypothesis testing, data collection, and analysis. Requirements include a formal research proposal, a final written report in conventional scientific format, and an oral presentation. Students must select an advisor within the Biology Department to oversee and evaluate the study. Specific requirements and options (such as off-campus projects or summer research) can be obtained from the Biology Department. Prerequisite: junior or senior standing and consent of the Department.

CHEMISTRY

Professors Goodwin, Kopper, and Teague
Associate Professors Gron and Hales (chair)
Visiting Assistant Professor Willis

MAJOR

13 courses distributed as follows:

Chemistry (8)

- CHEM 110 General Chemistry I: Chemical Structure and Properties
- CHEM 120 General Chemistry II: Chemical Analysis and Reactivity
- CHEM 240 Organic Chemistry I
- CHEM 250 Organic Chemistry II
- CHEM 310 Physical Chemistry: Quantum Mechanics and Spectroscopy
- CHEM 320 Physical Chemistry: Thermodynamics and Chemical Kinetics
- CHEM 340 Advanced Inorganic Chemistry
- CHEM 330 Biochemistry

or

CHEM 350 Advanced Analytical Chemistry

or

CHEM 410 Advanced Physical Chemistry

Mathematics (2)

- MATH 130 Calculus I

and

- MATH 140 Calculus II

Physics (2)

- PHYS 230 and 240 General Physics I and II (Calculus-based) (recommended)

or

PHYS 210 and 220 General Physics I and II

Biology (1)

- BIOL 150 Cell Biology (or equivalent)

All majors must also take two semesters of CHEM ATC ATEC

Laboratory, and two semesters of CHEM 497 Chemistry Seminar. These do not carry course credit.

Senior Capstone Experience

The Senior Capstone Experience for the chemistry major consists of two parts. The first part is the Major Field Achievement Test (MFT) in chemistry. The second part is a literature-based research paper written under the direct supervision of a faculty member and presented as a seminar. The grade for the Senior Capstone Experience is the average of grades based on the two parts of the experience.

American Chemical Society Certified Degree in Chemistry:

Requirements for the chemistry major plus

- CHEM 330 Biochemistry
- CHEM 350 Advanced Analytical Chemistry
- CHEM 450 Directed Research

MINOR

- CHEM 110 General Chemistry I: Chemical Structures and Properties
- CHEM 120 General Chemistry II: Chemical Analysis and Reactivity
- CHEM 240 Organic Chemistry I
- CHEM 250 Organic Chemistry II
- two additional courses in chemistry above the 250-level

Courses

CHEM 100 *Concepts of Chemistry* (NS)

The theories, models, structures, and reactions of modern chemistry are introduced to the nonscience major. Historical antecedents in the development of current concepts of matter are explored. Mathematical problem-solving in a chemistry context is included.

CHEM 110 *General Chemistry I: Chemical Structure & Properties* (NS-L)

Theories of matter with emphasis on environmental applications. Laboratory includes separations and spectroscopy.

CHEM 120 *General Chemistry II: Chemical Analysis & Reactivity*

Reactions and equilibria of environmental significance. Laboratory involves analysis of environmental samples. Prerequisite: CHEM 110.

CHEM 240 *Organic Chemistry I*

The compounds of carbon with an emphasis on structure, nomenclature, and stereochemistry. Laboratory course. Prerequisite: CHEM 120.

CHEM 250 *Organic Chemistry II*

The compounds of carbon with an emphasis on reaction mechanisms and spectroscopy. Laboratory course. Prerequisite: CHEM 240.

CHEM 310 *Physical Chemistry: Quantum Mechanics and Spectroscopy (W2)*

Application of physical principles and mathematical descriptions to chemical systems: quantum theory, atomic structure, molecular structure and bonding, interactions of matter with electromagnetic radiation. Prerequisites: MATH 140, PHYS 220 or 240, and CHEM 250 or consent of instructor. Corequisite: CHEMATC.

CHEM 320 *Physical Chemistry: Thermodynamics and Chemical Kinetics*

Application of physical principles and mathematical descriptions to chemical systems: chemical and statistical thermodynamics, chemical kinetics and dynamics. Prerequisites: MATH 140, PHYS 210 or 230, and CHEM 250 or consent of instructor. Corequisite: CHEMATC.

CHEM 330 *Biochemistry*

Fundamental biochemistry with emphasis on cellular constituents and molecular structure and function. Laboratory course. Prerequisite: CHEM 250.

CHEM 340 *Advanced Inorganic Chemistry*

The elements and the periodic table with emphasis on modern structural theory. Prerequisite: CHEM 310.

CHEM 350 *Advanced Analytical Chemistry*

Spectroscopic and electroanalytical methods including structural determinations. Prerequisite: CHEM 120.

CHEM 410 *Advanced Physical Chemistry (NS-L, QS, W2)*

The course will focus on current topics in physical chemistry. Laboratory course. Cross-listed as PHYS 315 Modern Physics. Prerequisite: CHEM 320.

CHEM 430 *Integrated Biochemical Topics*

Current topics in biochemistry, biochemical reactions and mechanisms,

and macromolecular structure and function will be discussed. Prerequisite: CHEM330.

CHEM 450 Directed Research

Independent laboratory research conducted in conjunction with a specific faculty member. Research topics are selected on an individual basis. The results of the research are typically presented at a national scientific meeting in the spring and a final research report is written.

CHEM 497 Seminar

No credit. Seminars by invited speakers, students, and faculty. Prerequisite: senior standing.

CHEM ATC Advanced Techniques in Experimental Chemistry (ATEC Lab)

No Credit. Unified laboratory experience combining physical, inorganic, and analytical chemistry techniques, including data analysis and computational modeling. Corequisite: CHEM 310 or 320.

ECONOMICS AND BUSINESS

Professors Berry (chair), Kerr, Rupert, Scott, and Stanley
Assistant Professor Oxner

The Department of Economics and Business offers three majors: a major in Economics and Business, a major in Economics, and a major in Accounting; two minors: a minor in Economics and a minor in Accounting; in addition to a Master of Arts in Accounting. Students are not allowed to earn a double-major solely in the Department. Likewise, students who major in the Department may not also minor in the Department.

MAJORS

Economics and Business

- BUSI 200 Fundamentals of Accounting and Business I
- BUSI 210 Fundamentals of Accounting and Business II
- ECON 200 Principles of Microeconomics
- ECON 210 Principles of Macroeconomics
- BUSI 250 Principles of Statistics
- BUSI 350 Business Law
- MATH 120 Functions and Models

OR

its equivalent

- Any two (2) upper-level accounting courses from the following list:

BUSI 300 Intermediate Accounting I

BUSI 310 Intermediate Accounting II

BUSI 320 Federal Tax Accounting

BUSI 330 Cost Accounting

BUSI 370 Auditing

BUSI 390 Accounting Information Systems and Database Management

BUSI 410 Accounting for Management Planning and Control

- Any three (3) upper-level economics courses from the following list:

ECON 300 Intermediate Microeconomics

ECON 310 Intermediate Macroeconomics

ECON 320 Money, Banking, and Credit

ECON 340 Environmental Economics

ECON 350 History of Economic Thought

ECON 360 International Economics

ECON 370 Industrial Organization

ECON 400 Econometrics and Forecasting

ECON 410 Financial Management

ECON 430 Management Science

ECON 490 Economic Research

Economics

- BUSI 200 Fundamentals of Accounting and Business I
- BUSI 210 Fundamentals of Accounting and Business II
- ECON 200 Principles of Microeconomics
- ECON 210 Principles of Macroeconomics
- BUSI 250 Principles of Statistics

- MATH 120 Functions and Models
 - **or**
 - its equivalent
- Any two (2) upper-level business courses from the following list:
 - BUSI 300 Intermediate Accounting I
 - BUSI 310 Intermediate Accounting II
 - BUSI 320 Federal Tax Accounting
 - BUSI 330 Cost Accounting
 - BUSI 370 Auditing
 - BUSI 390 Accounting Information Systems and Database Management
 - BUSI 410 Accounting for Management Planning and Control
- Any five (5) upper-level economics courses from the following list:
 - ECON 300 Intermediate Microeconomics
 - ECON 310 Intermediate Macroeconomics
 - ECON 320 Money, Banking, and Credit
 - ECON 340 Environmental Economics
 - ECON 350 History of Economic Thought
 - ECON 360 International Economics
 - ECON 370 Industrial Organization
 - ECON 400 Econometrics and Forecasting
 - ECON 410 Financial Management
 - ECON 430 Management Science
 - ECON 490 Economic Research

Accounting

- BUSI 200 Fundamentals of Accounting and Business I
- BUSI 210 Fundamentals of Accounting and Business II
- ECON 200 Principles of Microeconomics
- ECON 210 Principles of Macroeconomics
- BUSI 250 Principles of Statistics
- MATH 120 Functions and Models or its equivalent
- ECON 410 Financial Management
- Any four (4) upper-level accounting courses from the following list:
 - BUSI 300 Intermediate Accounting I
 - BUSI 310 Intermediate Accounting II
 - BUSI 320 Federal Tax Accounting
 - BUSI 330 Cost Accounting
 - BUSI 370 Auditing

- BUSI 390 Accounting Information Systems and Database Management
- BUSI 410 Accounting for Management Planning and Control
- Any two (2) upper-level economics courses from the following list:
 - ECON 300 Intermediate Microeconomics
 - ECON 310 Intermediate Macroeconomics
 - ECON 320 Money, Banking, and Credit
 - ECON 340 Environmental Economics
 - ECON 350 History of Economic Thought
 - ECON 360 International Economics
 - ECON 370 Industrial Organization
 - ECON 400 Econometrics and Forecasting
 - ECON 410 Financial Management
 - ECON 430 Management Science
 - ECON 490 Economic Research

Senior Capstone Experience

The Senior Capstone Experience for the accounting major, the economics major, and the economics and business major may be accomplished in one of two ways:

- A. Completion of the course ECON 490 Economic Research with a grade of “C” or above; or
- B. Passing a comprehensive written examination with three parts: (1) Fundamentals of Accounting and Business I and II; (2) Principles of Microeconomics and Principles of Macroeconomics; and (3) a concentration based on two upper-level courses, both of which are either accounting or economics courses.

The grade for the Senior Capstone Experience is based on either the Economic Research course or the written comprehensive examination.

MINORS

Economics

Any six (6) economics courses from the following list:

- ECON 100 Survey of Economics
- ECON 200 Principles of Microeconomics
- ECON 210 Principles of Macroeconomics
- ECON 300 Intermediate Microeconomics
- ECON 310 Intermediate Macroeconomics
- ECON 320 Money, Banking, and Credit

ECON 340 Environmental Economics
ECON 350 History of Economic Thought
ECON 360 International Economics
ECON 370 Industrial Organization
ECON 390 Investments
ECON 400 Econometrics and Forecasting
ECON 410 Financial Management
ECON 430 Management Science
ECON 490 Economic Research

Accounting

- Any five (5) accounting courses from the following list:
BUSI 100 Contemporary Issues in Business and Entrepreneurship
BUSI 200 Fundamentals of Accounting and Business I
BUSI 210 Fundamentals of Accounting and Business II
BUSI 300 Intermediate Accounting I
BUSI 310 Intermediate Accounting II
BUSI 320 Federal Tax Accounting
BUSI 330 Cost Accounting
BUSI 370 Auditing
BUSI 390 Accounting Information Systems and Database Management
BUSI 410 Accounting for Management Planning and Control
- ECON 200 Principles of Microeconomics

MASTER OF ARTS IN ACCOUNTING

A total of eight (8) courses are required with the following specifications:

- ECON 530 Management Science
 - ECON 550 Managerial Economics
 - and six (6) courses from the following list including at least four (4) business courses:
BUSI 500 Taxation for Business Entities
BUSI 510 Accounting for Management Planning and Control
BUSI 520 Seminar in Accounting
BUSI 530 Topics in Professional Accounting
BUSI 540 Contemporary Issues in Auditing
BUSI 550 Business Law
BUSI 598 Independent Study
- or**
- BUSI 599 Internship in Accounting
 - ECON 500 Econometrics and Forecasting
 - ECON 570 Industrial Organization
 - ECON 590 Economic Research

ECON 599 Independent Study in Economics

Prerequisites for admittance into the Masters program include majoring in Accounting, Economics, or Economics and Business and consent of the faculty. Because CPA Exam requirements vary by state, students should be informed of the prerequisites required by the state in which they plan to take the CPA Exam. The State of Arkansas requires 30 semester hours beyond the Hendrix B.A. in order to sit for the Exam. This fifth-year Master of Arts in Accounting program will fulfill this requirement. Interested students should contact the department chair by the end of their sophomore year for details or for information regarding programs offered to qualify to sit for the CPA and CMA examinations.

Economics

ECON 100 *Survey of Economic Issues* (CW, SB)

An introduction to economic theory and practice with emphasis on applications to the contemporary social world.

ECON 200 *Principles of Microeconomics* (SB)

Introduction to concepts and methods of microeconomics. Emphasis is placed on resource allocation, effects of market structures, and the manner in which these market structures affect the economics decisions of a business entity. Prerequisite or corequisite: MATH 120 or above.

ECON 210 *Principles of Macroeconomics* (SB)

Introduction to concepts and methods of macroeconomics. Topics such as inflation, unemployment, and economic growth are examined. The role of monetary and fiscal policy in achieving macroeconomic objectives is emphasized. Prerequisite or corequisite: MATH 120 or above.

ECON 300 *Intermediate Microeconomics* (SB)

Intermediate-level course dealing with the microeconomic theory of consumer and producer behavior. Particular attention is given to the

theory of production and cost and to the effects of various market structures on resource allocation. Prerequisites: ECON 200 and 210 or consent.

ECON 310 *Intermediate Macroeconomics*

A study of the functioning of the aggregate economy and the influences of monetary and fiscal policy on it. Special emphasis is placed on the economics of inflation. Prerequisites: ECON 200 and 210 or consent.

ECON 320 *Money, Banking, and Credit*

A study of the U.S. commercial banking system and its role in the economy. Investigates the role of the Federal Reserve and the impact of monetary policy on the aggregate economy. Prerequisites: ECON 200 and 210 or consent.

ECON 340 *Environmental Economics* (CW, SB)

Introduces students to the ways in which the tools of economic analysis can enable them to better evaluate environmental issues and policies. Topics covered include alternative governmental responses to externalities, the Coase Theorem, criteria for evaluating economic efficiency, measurement and discounting of environmental costs and benefits, exhaustible resources, energy resources, and sustainability.

ECON 350 *History of Economic Thought* (HP, SB, W2)

An investigation of the evolution of economic ideas from the mercantilist period of the seventeenth century to the twentieth century. The economics of Adam Smith, Karl Marx, and David Ricardo, among others, are discussed. Emphasis is placed on how historical ideas inform current economic views. Prerequisites: ECON 100 or 200 or 210 or consent.

ECON 360 *International Economics* (CW)

Survey of the pure theory of trade and international monetary systems. International and domestic effects of each international monetary system are examined. Prerequisites: ECON 200 and 210 or consent. Recommended: ECON 300.

ECON 370 *Industrial Organization*

The application of microeconomics to the problems of monopoly, oligopoly, restraints of trade, and other market imperfections. The course also focuses on the economic rationale for antitrust policy and regulation of public utilities. Prerequisites: ECON 200 and 210 or consent.

ECON 390 *Investments* (SB)

This course offers the non-major an introduction to the range of investment opportunities available in current financial markets.

ECON 400 Econometrics and Forecasting

A study of multiple regression analysis and its use in the estimation, testing, and forecasting of economic phenomena and business relationships. Emphasis is placed on the application of statistical methods to actual economic and business data. Prerequisite: BUSI 250.

ECON 410 Financial Management

Survey of modern fiscal management theory and concepts. Topics covered include valuation models of securities, capital expenditure decisions, analysis of financial statements, capital structure and financing decisions, and dividend policy. Prerequisites: ECON 200 and 210; BUSI 200 and 210 or consent.

ECON 430 Management Science

A study of mathematical modeling and problem solving applied to business issues. Topics include linear programming, integer programming, decision making under uncertainty, game theory, and inventory modeling. Recommended: BUSI250.

ECON 490 Economic Research (W2)

The purpose to this course is to acquaint students with the philosophy and methods of economic research and to provide them with ample opportunity to apply these methods to actual economic problems. The class will be conducted primarily as a seminar with major emphasis placed upon individual research projects.

ECON 500 Econometrics and Forecasting

A study of multiple regression analysis and its use in the estimation, testing, and forecasting of economic phenomena and business relationships. Emphasis is placed on the application of statistical methods to actual economic and business data. Prerequisite: Graduate standing or consent.

ECON 530 Management Science

A study of mathematical modeling and problem solving applied to business issues. Topics include linear programming, integer programming, decision making under uncertainty, game theory, and inventory modeling. Prerequisite: Graduate standing or consent.

ECON 550 Managerial Economics

Application of the tools of economic theory and statistics to managerial decision making. Topics include demand analysis, production theory,

quantitative cost analysis, market analysis, and the theory of investment. Prerequisite: Graduate standing or consent.

ECON 570 *Industrial Organization*

The application of microeconomics to the problems of monopoly, oligopoly, restraints of trade, and other market imperfections. The course also focuses on the economic rationale for antitrust policy and regulation of public utilities. Prerequisite: Graduate standing or consent.

ECON 590 *Economic Research*

The purpose to this course is to acquaint students with the philosophy and methods of economic research and to provide them with ample opportunity to apply these methods to actual economic problems. The class will be conducted primarily as a seminar with major emphasis placed upon individual research projects. Prerequisite: Graduate standing or consent.

Business

BUSI 100 *Contemporary Issues in Business and Entrepreneurship* (CW, SB)

This introductory course will cover issues, problems, and opportunities that local and international businesses and entrepreneurs face in the contemporary world. Topics include organization and management of businesses and not-for-profits, reading and interpreting financial statements, quantitative decision-making tools, biographies of companies and their founders, ethical issues, and interactions between businesses and other segments of society such as the government, legal, labor, financial, and not-for-profit segments.

BUSI 200, 210 *Fundamentals of Accounting and Business I and II*

A study of the generally accepted accounting principles and procedures of accumulating, measuring, and interpreting financial data of a business enterprise for use in financial reporting and in managerial decision-making. Prerequisite: BUSI 200 is a prerequisite for BUSI 210.

BUSI 250 *Principles of Statistics* (OS)

A study of representations and interpretations of our contemporary world of data. Topics include descriptive statistics, graphical presentations, statistical estimation, hypothesis testing, and regression analysis. Emphasis is placed on applications to business data.

BUSI 300, 310 *Intermediate Accounting I and II*

A study of the conceptual framework of financial accounting and its implications in the measurement, analysis, recording, and reporting of information in financial statements. An emphasis is placed on revenue and expense recognition issues as well as asset and liability valuation concepts. Prerequisites: BUSI 200 and 210.

BUSI 320 *Federal Tax Accounting (W2)*

Federal Income Tax Law applicable to individuals and business enterprises with emphasis on tax determination and planning. Prerequisites: BUSI 200 and 210.

BUSI 330 *Cost Accounting*

A study of accounting systems and tools for product costing, organizational planning, control, and management decision making. Prerequisites: BUSI 200 and 210.

BUSI 350 *Business Law (W2)*

Introduction to law, its relation to and effect on society, business, and the individual. It includes the study of contracts, agencies, personal property, law of sales, and commercial paper.

BUSI 370 *Auditing (W2)*

Theory and procedures underlying auditors' responsibilities in examining and reporting on financial statements of a business enterprise. Includes professional ethics, auditing standards, reports, internal control, and the selection, scope, and application of auditing procedures. Prerequisite: BUSI 300 or consent.

BUSI 390 *Accounting Information Systems and Database Management*

A study of accounting information systems with practical experience of using computerized database management techniques to manipulate financial information efficiently and to communicate it effectively. An emphasis is placed on using computerized controls to ensure data integrity in relational database management systems. Prerequisites: BUSI 200 and 210 or consent.

BUSI 410 *Accounting for Management Planning and Control (W2)*

A study of cost-benefit analyses and other management science techniques used in economic decision-making. Specific topics include management control systems, cost-volume-profit analysis, budgeting, cost estimation

and allocation, capital budgeting, and linear programming. Prerequisite: BUSI 330.

BUSI 490 *International Marketing*

This course examines the marketing function and the execution of successful marketing practices for both domestic and international markets. Using recent research and real world examples, the course will provide the student with an understanding of basic marketing concepts, fundamental practices, marketing terminology, and related technologies in the field.

BUSI 500 *Taxation for Business Entities*

Tax compliance and planning for corporations, partnerships, estates, and trusts. Prerequisite: Graduate standing or consent.

BUSI 510 *Accounting for Management Planning and Control*

A study of cost-benefit analyses and other management science techniques used in economic decision-making. Specific topics include management control systems, cost-volume-profit analysis, budgeting, cost estimation and allocation, capital budgeting, and linear programming. Prerequisite: Graduate standing or consent.

BUSI 520 *Seminar in Accounting Theory and Practice*

A study of contemporary financial accounting theory and practice. Prerequisite: Graduate standing or consent.

BUSI 530 *Topics in Professional Accounting*

This course will include coverage of contemporary and emerging topics and issues in accounting and business such as accounting for governmental and not-for-profit entities, business ethics, financial statement analysis, fraud, forensic accounting, investment planning, business planning, strategic cost analysis, and accounting research. Prerequisite: Graduate standing or consent.

BUSI 540 *Contemporary Issues in Accounting*

A study of advanced auditing topics such as statistical sampling, special-purpose reports, internal auditing, and forensic accounting. Current issues related to financial accounting and auditing are explored. Prerequisite: Graduate standing or consent.

BUSI 550 *Business Law*

Introduction to law, its relation to and effect on society, business, and the individual. It includes the study of contracts, agencies, personal property, law of sales, and commercial paper. Prerequisite: Graduate standing or consent.

EDUCATION

Associate Professor Jennings (chair)

Assistant Professor Perry

Adjunct Instructor R. Clark

Hendrix College is accredited by the National Council for Accreditation of Teacher Education (NCATE) for the preparation of early childhood and secondary teachers. To be recommended for teacher licensure to teach in the public schools, a student must complete all Hendrix College graduation requirements, all departmental requirements, all subject matter preparation requirements, and all state requirements. A listing of these requirements (including those of the Arkansas State Department of Education) may be obtained from the Education Department.

General requirements for all students seeking licensure in the State of Arkansas

All students seeking licensure in the State of Arkansas must complete the following:

A. The Program for the Bachelor of Arts Degree as listed in the Hendrix College Catalog

and

B. The course requirements for ONE of the licensure areas listed below:

1. Early Childhood Education Major (Preschool-Grade 4)

EDUC 210 History of Education

EDUC 220 Educational Psychology

EDUC 300 Teaching Reading, P-4

EDUC 321 Teaching Art and Music, P-4

EDUC 322 Teaching Math and Science, P-4

EDUC 324 Teaching Language Arts and Social Studies,
P-4
EDUC 340 Inclusive Early Childhood Education
EDUC 330 Children's Literature
EDUC 481 Introduction to Student Teaching, P-K-4
EDUC 482 Student Teaching, P-K-4 (three credits)
HIST 270 Arkansas History

2. Licensure in Secondary Education (Grades 7-12)
 - EDUC 210 History of Education and Effective Teaching
Methods
 - EDUC 220 Educational Psychology
 - HIST 270 Arkansas History (for Social Studies licensure)
 - EDUC 390 Cultural Geography (for Social Studies
licensure)
 - EDUC 460 Introduction to Student Teaching, Secondary 7-12
 - EDUC 461 Student Teaching, Secondary 7-12 (three credits)
 - The course requirements for at least one of the
following academic majors:
 - Biology, Chemistry, English, French, Spanish,
German, History, Math, Politics, Psychology,
Religion, Sociology/Anthropology, Philosophy,
Theatre Arts, or an academic major approved by
the Education Department
 - One course selected from the following:
 - EDUC 431 Methods in the Secondary School-English
Language Arts
 - EDUC 432 Methods in the Secondary School-Foreign
Language
 - EDUC 433 Methods in the Secondary School-
Mathematics
 - EDUC 434 Methods in the Secondary School-Life/Earth
and Physical Science
 - EDUC 435 Methods in the Secondary School-Social
Studies
 - EDUC 436 Methods in the Secondary School-Speech/
Drama
3. Licensure in Art Education (Grades P-12)
 - EDUC 210 History of Education and Effective Teaching
Methods
 - EDUC 220 Educational Psychology
 - EDUC 437 Methods in Art Education (Grades P-12)

EDUC 470 Introduction to Student Teaching, P-12
EDUC 471 Student Teaching, P-12 (three credits)
Must meet the course requirements for an academic
major in Art.

4. Licensure in Elementary Physical Education/Health (Grades P-8)

EDUC 210 History of Education and Effective Teaching
Methods
EDUC 220 Educational Psychology
KINE 250 Games and Basic Rhythms for Elementary Grades
KINE 290 Motor Development
KINE 350 Physical Education for Elementary Education
EDUC 470 Introduction to Student Teaching, P-12
EDUC 471 Student Teaching, P-12 (three credits)
Must meet the course requirements for an academic
major in Kinesiology and Physical Education.

5. Licensure in Secondary Physical Education/Health (Grades 7-12)

EDUC 210 History of Education and Effective Teaching
Methods
EDUC 220 Educational Psychology
KINE 300 Secondary Physical Education
KINE 400 Administration
KINE 430, 440, 450, 460, or 470 Coaching
EDUC 460 Introduction to Student Teaching, Secondary 7-12
EDUC 461 Student Teaching, Secondary 7-12 (three credits)
Must meet the course requirements for an academic
major in Kinesiology and Physical Education.

Senior Capstone Experience

The Senior Capstone Experience for the early childhood education major includes the following components:

- Successful completion (a “C” or better) of EDUC 481 Introduction to Student Teaching, Grades PK–4.
- Successful completion (credit only) of the following student teaching experience: EDUC 482 Student Teaching, Grades PK–4.
- Successful completion (passing score established by the Arkansas Department of Education) of Praxis II “Principles of Learning and Teaching, Grades K–6” examination and Praxis II “Early Childhood Education” examination. Both of these national examinations are

- published and administered by the Educational Testing Service.
- Final approval of the senior portfolio by the Teacher Education Committee. The grade for the Senior Capstone Experience is based on the Introduction to Education course and the senior portfolio.

Minor in Education

- A. Minor in Education - Early Childhood Emphasis:** A total of six courses.
1. Each student must take the following two courses:
EDUC 210 History of Education and Effective Teaching Methods
EDUC 220 Educational Psychology
and
 2. Four courses from the following:
EDUC 300 Teaching Reading, P-4*
EDUC 321 Teaching Art and Music, P-4*
KINE 350 Physical Education for Elementary Education
EDUC 322 Teaching Math and Science, P-4*
EDUC 324 Teaching Language Arts and Social Studies, P-4*
EDUC 330 Children's Literature*
- B. Minor in Education — Secondary Emphasis:** A total of six courses.
1. Each student must take the following two courses:
EDUC 210 History of Education and Effective Teaching Methods
EDUC 220 Educational Psychology
and
 2. One methods course from the following:
EDUC 431 Methods in the Secondary School-English Language Arts
EDUC 432 Methods in the Secondary School-Foreign Language
EDUC 433 Methods in the Secondary School-Mathematics
EDUC 434 Methods in the Secondary School-Life/Earth and Physical Science
EDUC 435 Methods in the Secondary School-Social Studies
EDUC 436 Methods in the Secondary School-Speech/Drama
EDUC 437 Methods in Art Education (P-12)
KINE 300 Secondary Physical Education and Health
and
 3. Three courses from the following:
EDUC 300 Teaching Reading, P-4*
EDUC 321 Teaching Art and Music, P-4*
EDUC 322 Teaching Math and Science, P-4*
EDUC 324 Teaching Language Arts and Social Studies, P-4*
EDUC 330 Children's Literature*
KINE 350 Physical Education for Elementary Education

* prerequisite: EDUC 210 History of Education and Effective Teaching

Admission to the Teacher Education Program

All students interested in the Hendrix Teacher Education Licensure Program are urged to attend an annual meeting held at the beginning of each academic year to discuss completing a minor, or licensure in education at the early childhood or secondary level. At this meeting, students are asked to complete a general information form indicating their special interests.

All students interested in teacher licensure should make application for admission to the Teacher Education Program during the spring semester of the freshman year. Each student should arrange to have an individual interview with a member of the Hendrix Education Department. At this interview, all academic and personal requirements necessary for licensure are explained to the student. The chair of the student's major department is officially notified of the student's interest in teacher education. Licensure requirements and student files will be kept in the Education Department.

Students interested in obtaining a license to teach must enroll in EDUC 210 History of Education and Effective Teaching Methods and EDUC 220 Educational Psychology during the sophomore year. In the sophomore and junior years, prospective early childhood teachers should take EDUC 300 Teaching Reading, P-4, EDUC 330 Children's Literature, EDUC 321 Teaching Art and Music, P-4, EDUC 322 Teaching Math and Science, P-4, and EDUC 324 Teaching Language Arts and Social Studies, P-4. Prospective secondary teachers should take EDUC 210 History of Education and Effective Teaching Methods and EDUC 220 Educational Psychology during their sophomore year. Secondary licensure candidates should take one of the EDUC 431, 432, 433, 434, or 436 Methods in the Secondary School courses during the fall semester of their senior year. Students obtaining licensure in Physical Education will take the methods course in the Kinesiology Department. All students will student teach during the spring semester of the senior

year after taking all of the required courses for their area of licensure.

Prospective teachers should take the Praxis I Preprofessional Skills Test (PPST) no later than January of the sophomore year. Students should see a member of the Education Department about registering to take the Praxis I.

During the spring semester of the junior year, the prospective teacher should make formal application to the Teacher Education Committee for admission to the Hendrix Teacher Education Program. At this time, the student must be able to meet the following criteria:

1. Have at least a 2.50 grade average.
2. Have a favorable recommendation from the student's major department.
3. Have at least the following scores on the Praxis I: reading—172, writing—171, mathematics—172 or comparable scores for the computerized version of the Praxis I.
4. Have at least a grade of "C" in specified courses in English composition and quantitative skills.*
5. Have a plan to complete all methods courses* prior to the student teaching experience and to complete the Teacher Education Program for Licensure and college graduation requirements by the end of the academic year.
6. Demonstrate those character traits (such as integrity, dependability, and personal acceptance of other persons regardless of race, sex, age, religion, culture, or handicap) which are deemed essential in an early childhood or secondary teacher.
7. Prepare a portfolio based on the Teacher Education Committee guidelines and submit the portfolio to the Teacher Education Committee for review and approval.
8. Successfully complete an interview with the Teacher Education Committee.

Students who do not meet one or more of the above requirements may make application to the Teacher Education Committee for conditional admission. If conditional admission is granted, any deficiencies must be removed before the student will be permitted to student teach.

*See faculty members of the Hendrix College Education Department for the specific courses.

Requirements for Initial Teaching License

During the senior year, students enrolled in the Teacher Education Program must complete the specified early childhood or secondary education courses, including Student Teaching. At the completion of the student teaching experience, the Teacher Education Committee will review the record and portfolio of each candidate before recommending to the State of Arkansas that an initial teaching license be issued. This record will include, but is not limited to, the following:

1. The recommendations of the student's cooperating teacher and the Hendrix supervisor of the student teaching experience.
2. The applicant's academic record, which must show at least a 2.50 grade average.
3. The completion of all Hendrix College requirements for a bachelor of arts degree.
4. The completion of all course requirements of the State of Arkansas for the appropriate early childhood, or secondary initial teaching license.
5. The student's completed portfolio.
6. The successful completion of an interview with the members of the Teacher Education Committee at the end of student teaching.
7. Completion of the Praxis II (In order to receive an Arkansas initial license, the applicant must also make at least the minimum score set by the State of Arkansas on the Principles of Learning and Teaching test and the appropriate Subject Area Assessment Praxis II test. NOTE: See the Education Department for a list of minimum scores for the Praxis tests.)
8. The presentation of a lesson to the Teacher Education Committee.

After the completion of all requirements, the student may make application to the Hendrix Teacher Licensure Officer for approval for the initial license. The Teacher Licensure Officer will sign the Arkansas teacher licensure application only when the candidate has been approved

by the Teacher Education Committee and when all requirements are met for licensure and for graduation.

Courses

EDUC 210 *History of Education (HP)*

History of American education from colonial times to the present, with emphasis on current issues and trends in education (i.e., exceptional children, multicultural education, schools of choice). Emphasis will be placed on curriculum alignment: writing lesson objectives, effective teaching methods, and student/program assessment. Will include a field experience.

EDUC 220 *Educational Psychology (SB)*

Emphasis is placed on selected aspects of the learner, the learning process, and the learning situation, with added emphasis on early childhood education. Will include a field experience.

EDUC 230 *American Sign Language*

An elementary course in American Sign Language (ASL) using a natural approach to introduce culturally appropriate signed concepts related to the immediate environment. Receptive and expressive skills will be fostered through interactive ASL lessons without voice as well as an introduction to deaf culture.

EDUC 231 *American Sign Language II*

An intermediate ASL course progressing from common, concrete communicative events and interactions to language usage expressing abstract ideas. Emphasis is on comprehension and production of increasingly complex linguistic structure using interactive techniques. Prerequisite: EDUC 230, or consent of the instructor.

EDUC 232 *American Sign Language III*

A conversational ASL course focusing on specific grammatical and cultural topics. Emphasis is on the development of fluent conversational skills using grammatical nonmanual signals and markers. Students will learn how to narrate, describe, compare, and comment. Narratives of native language users are used for beginning text analysis of ASL. Interactive ASL lessons without voice lead to expanded vocabulary mastery and

fluency. Prerequisite: EDUC 230 and 231, or consent of the instructor.

EDUC 300 *Teaching Reading, P-4*

Designed to cover developmental reading skills, various methodologies, and diagnostic procedures used in elementary reading programs that meet the needs of diverse populations. Will include a field experience. Prerequisite: EDUC 210.

EDUC 321 *Teaching Art and Music, P-4*

A study of the curriculum and methods of instruction for teaching art and music, P-8. Will include a field experience for each area. Prerequisite: EDUC 210.

EDUC 322 *Teaching Math and Science, P-4*

Content and methods selected especially for teaching math and science, P-8. Will include a field experience for each area. Prerequisite: EDUC 210.

EDUC 324 *Teaching Language Arts and Social Studies, P-4*

A study of the research and theory of the language arts and their applied instructional strategies in the P-8 classroom and the curriculum methods in history, geography, economics, and the other social studies in P-8 education. Will include a field experience for each area. Prerequisite: EDUC 210.

EDUC 330 *Children's Literature (LS, W2)*

Examines literature for children and young adults, significant authors and illustrators, creative book activities, and aids in the selection and evaluation of literature for children and young adults of all social, emotional, developmental, and cultural backgrounds. Will include a field experience. Prerequisite: EDUC 210.

EDUC 340 *Inclusive Early Childhood Education, P-4*

A study of the philosophical, legal, and social foundations of an inclusive approach to early education (birth to kindergarten) based on the belief that all children can learn. Emphasis will be placed on national standards and state frameworks for developmentally appropriate practices, curriculum, assessment, and environment. Field experiences will focus on community programs serving infants, toddlers, preschool children and their families.

EDUC 390 *Cultural Geography (CW)*

The geography of the world is studied with emphasis on third-world countries. Resource use, technologies, and social institutions are examined, and trends in cultural and environmental relationships are analyzed. Emphasis will be placed on cultural geography themes, national

geography standards, and the role of education in third-world countries.

EDUC 431 *Methods in the Secondary School: English Language Arts*

Study of special methods of teaching secondary school English Language Arts to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 432 *Methods in the Secondary School: Foreign Language*

Study of special methods of teaching secondary school foreign language to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 433 *Methods in the Secondary School: Mathematics*

Study of special methods of teaching secondary school mathematics to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Learn various methods of instruction in mathematics including the use of math manipulatives, calculators, and computer-assisted instruction. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 434 *Methods in the Secondary School: Life/Earth and Physical Science*

Study of special methods of teaching secondary school science to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Students will learn various methods and materials for teaching science in the secondary school including inquiry, hands-on, and experimental approaches. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 435 *Methods in the Secondary School: Social Studies*

Study of special methods of teaching secondary school social studies to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Study innovative and creative strategies for teaching social studies in the secondary school including content and concept development and their application in the social studies classroom. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 436 *Methods in the Secondary School: Drama/Speech*

A study of special methods of teaching secondary school drama/speech to students of diverse backgrounds and abilities. This course is designed to include emphasis on higher order thinking skills, instructional technology, current research, classroom climate, and micro-teaching. Students will study innovative and creative strategies for teaching drama/speech in the secondary school. Will include a field experience. Prerequisites: EDUC 210 and EDUC 220.

EDUC 437 *Methods in Art Education, P-12*

A study of the curriculum and methods of instruction for teaching art, P-12. Will include a field experience. Prerequisites: EDUC 210.

EDUC 460 *Introduction to Student Teaching, Secondary, 7-12*

A two-week, full-day course during the student teaching semester. As an introduction to secondary school student teaching, the student will examine the implications of classroom practices such as classroom management, multicultural education, exceptional children, educational assessment, Program for Effective Teaching, Pathwise, educational technology, and unit planning. These practices will prepare the student for the actual student teaching experience. Prerequisite: Completion of all methods courses.

EDUC 461 *Student Teaching, Secondary, 7-12*

Student teaching in an Arkansas 7-12 classroom, twelve weeks. Prerequisite: Completion of all methods courses.

EDUC 470 *Introduction to Student Teaching, P-12*

A two-week, full-day course during the student teaching semester. As an introduction to P-12 student teaching, the student will examine the implications of classroom practices such as classroom management, multicultural education, exceptional children, educational assessment, Program for Effective Teaching, Pathwise, educational technology, and unit planning. These practices will prepare the student for the actual student teaching experience. Prerequisites: Completion of all methods courses.

EDUC 471 *Student Teaching, P-12*

Student teaching in Arkansas P-12 classrooms, twelve weeks. Prerequisite: Completion of all methods courses.

EDUC 481 *Introduction to Student Teaching, P-4*

A two-week, full-day course during the student teaching semester. As an introduction to early childhood student teaching, the student will examine

the implications of classroom practices such as classroom management, multicultural education, exceptional children, educational assessment, Program for Effective Teaching, Pathwise, educational technology, and unit planning. These practices will prepare the student for the actual student teaching experience. Prerequisite: Completion of all methods courses.

EDUC 482 *Student Teaching, P-4*

Student teaching in an Arkansas P-4 classroom, twelve weeks. Prerequisite: Completion of all methods courses.

ENGLISH

Professors Chappell, Crowder, Entzminger,
Hines (chair), and West
Assistant Professors Asman and Vernon
Adjunct Instructor Coulter

MAJOR

Eleven courses distributed as follows:

- ENGL 280 Literary Analysis
- ENGL 497 Senior Thesis Seminar
- Two ENGL courses focused on British literature pre-1800
- Two ENGL courses focused on British literature post-1800
- Two ENGL courses focused on U.S. literature
- One ENGL course focused on Global language or literature
- Two ENGL courses of any kind

Of these courses, majors must have:

- Three 200-level courses, including ENGL 280 Literary Analysis
- Eight 300-400-level courses, including ENGL 497 Senior Thesis Seminar and one other 400-level course
- Only one creative writing course counts towards a major in English
- ENGL 210 and 310 do not count towards the English major

Senior Capstone Experience

The Senior Capstone Experience for the English major consists of a substantial, original independent writing project produced for ENGL 497 in the spring semester of the senior year, and presented and defended orally (see ENGL 497 below). The grade for ENGL 497 will be the grade for the Senior Capstone Experience.

MINOR

Six courses: three 200-level courses, three 300-400-level courses. One of the courses must emphasize literature before 1800.

Only one creative writing course counts towards a minor in English.

ENGL 210 and ENGL 310 do not count towards a minor in English.

Writing Courses

ENGL 110 *Introduction to Academic Writing* (W1)

Instruction and practice in the forms, styles, grammar, and analytical skills necessary for success in academic writing at the undergraduate level. Open to first-year students recommended by the English Department. Open to other first-year students and sophomores only by permission of the instructor.

ENGL 111 *Modern Grammar*

An analysis of current systems of studying word arrangements in the English language.

ENGL 203 *Creative Writing: Poetry* (EA, W2)

Directed writing of poems. Workshop format, with theory of poetry and reading assignments. Not for freshmen, but for students who have completed some study of poetry before enrolling. Prerequisite: one course in which poetry is studied.

ENGL 204 *Creative Writing: Fiction* (EA, W2)

Directed writing of prose fiction. Workshop format, with theory of fiction and outside reading assignments. Not for freshmen, but for students who have completed some study of prose fiction before enrolling. Prerequisite:

one course in which fiction is studied.

ENGL 210 *Advanced Academic Writing* (W1)

Advanced instruction and practice in the forms, styles, grammar, and analytical skills necessary for successful writing at the undergraduate level. Intended for students not recommended for 110, and students who took English 110 but who want additional focused writing instruction. Open to first-year students and sophomores.

ENGL 301 *Creative Writing: Non-Fiction* (EA)

Focuses on writing the creative essay and might include other creative nonfiction forms as well (such as feature writing), all with an eye toward publication. Emphasis will be placed upon studying professional nonfiction works and conceiving, composing, editing, critiquing, and re-writing student work. Prerequisite: W1.

ENGL 303 *Advanced Creative Writing: Poetry* (EA, W2)

Directed writing of poetry, with close attention to technique, form, and voice. Students will offer constructive criticism of one another's work. Some outside reading required. Prerequisite: ENGL 203.

ENGL 304 *Advanced Creative Writing: Fiction* (EA, W2)

Directed writing of short stories or novels, with close attention to technique, structure, and voice. Students will offer constructive criticism of one another's work. Some outside reading required. Prerequisite: ENGL 204.

ENGL 310 *Rhetorical Writing*

Provides students approaching graduation the opportunity to study and practice persuasive writing for nonacademic, postgraduate, professional purposes. Open only to juniors and seniors. Prerequisite: W1.

Introduction to Literary Studies

For students in their first or second years of study, upon recommendation of the English Department.

ENGL 220 *Short Fiction* (LS, W1)

An examination of a variety of British, American, and Continental short fiction, with stress on the elements of the short story (point of view, characterization, theme, tone, diction, imagery).

ENGL 221 *Poetry* (LS, W1)

Close readings of poems from the Renaissance to the present day.

ENGL 222 *Drama* (LS, W1)

An introduction to the various periods and genres of world drama.

ENGL 225 *Satire* (LS, W1)

A broad survey of the major developments in American and British satire.

ENGL 230 *Autobiography and Biography* (LS, W1)

The evolution of autobiographical and biographical narratives in English from the 18th century to the present.

ENGL 235 *Non-Fiction Narrative* (LS, W1)

Fact-based literary narratives and “new journalism” from writers such as Graham Greene, V.S. Naipaul, George Orwell, Norman Mailer, Truman Capote, Harry Crews, Joan Didion, and others.

ENGL 238 *Chaucer's Canterbury Tales* (LS, W1)

A study of the diverse genres within Chaucer's *Canterbury Tales*, read in Middle English.

ENGL 240 *Shakespeare: Poetry and Drama* (LS, W1)

An examination of selected sonnets and six plays representing all genres.

ENGL 244 *The Angry Decade, English Literature and Film of the 1950s* (LS, W1)

An analysis of the major novels, plays, and films that shaped cultural conflict in post-war England. Topics will include works associated with The Movement, Angry Young Men, Kitchen Sink School of drama, and the film-makers of the British New Wave. The course will relate this material to broader issues like working-class culture, youth-movements, the welfare state, rock-n-roll music, and television.

ENGL 245 *African Novel* (LS, W1)

Novels from the 1950s to the present that reflect Africa's diverse cultures and history.

ENGL 250 *Women and African Literature* (CW, LS, W1)

Works by women writers from a variety of African regions and cultures.

ENGL 255 *Post-Colonial Literature* (LS, W1)

Fiction, drama, and poetry from the former British Empire, addressing the diversity of colonial legacies in the Caribbean, India, Africa, and Asia.

ENGL 256 *Major Nineteenth-Century American Authors* (LS, W1)

Examinations of representative works by Irving, Poe, Thoreau, Hawthorne, Melville, Whitman, Dickinson, Twain, and James.

ENGL 257 *Literature and the Working-Class* (LS, CW, W1)

A study of the way in which debates over working-class identity affected Anglo-American literary politics from the advent of Modernism to the present. Authors covered may include T.S. Eliot, Virginia Woolf, Q.D. Leavis, Raymond Williams, Richard Wright, Doris Lessing, Buchi Emecheta, and Jeanette Winterson.

ENGL 258 *American War Literature* (LS, W1)

A survey of American writers' responses to war from the Civil War to the present. Fiction, nonfiction poetry, and film may all be explored. Not all authors will be combatants/veterans/men/U.S. citizens.

ENGL 260 *Southern Literature* (LS, W1)

Analysis of significant novels, short stories, poems, and dramas that were written during and after the Southern Renaissance.

ENGL 262 *Cultural Conflict in Modern American Novels* (LS, W1)

Studies of cultural tensions involved in works by authors such as Warren, Malamud, Potok, Toole, Kesey, and Walker.

ENGL 265 *Masterpieces of World Literature* (LS, W1)

An examination of various aspects of world literature; areas covered will include Mesopotamia, Egypt, Greece, India, Japan, China, and Africa. Cross-listed as LITR 265.

ENGL 270 *The Theme of Woman's Vocation in Literature and Film* (LS, W1)

An examination of woman's vocation as portrayed, prescribed, or challenged by literature and film. Readings and film viewings will address both classic masterworks and popular culture. Featured authors may include novelists and memoirists from the 18th through the late 20th centuries (such as Defoe, Ballard, Burney, Brontë, Eliot, Gissing, Woolf, Drabble, Lodge). Selected films will reflect women's changing roles and aspirations from the 1940s through the present.

ENGL 273 *Studies in American Literature* (LS, W1)

An introduction to studying American literature with a topic that will vary year-by-year.

ENGL 275 *American Literature and the Environment* (LS, W1)

An examination of how American writers have depicted their culture's relationship to the environment, mostly through fictional representations (novels and short stories), but with some attention paid to nonfiction, poetry, and theoretical writing. The course will study how writers have imagined their environment and their place in it, though other aspects of the texts will also be studied (character, point of view, gender, race, or economics), and the term "environment" will not be used as a synonym for "nature." Cross-listed as EVST 275.

ENGL 280 *Literary Analysis*

An intensive introduction to literary study, the course is designed to help prospective English majors understand the distinctive features of various genres of literature. Through an examination of selected poetry, prose, and drama, students will read critically, understand critical terminology, and develop a basic vocabulary for discussing and writing about literature. The course is required of English majors. Prerequisite: completion of one 200-level literary studies course or permission of the instructor.

Advanced Studies In Literature

ENGL 312 *Arthurian Literature* (LS)

The evolution of the Arthurian canon in English, from the 14th century to the present.

ENGL 316 *Renaissance Poetry: The Metaphysical & Cavalier Poets* (LS)

An historical and critical study of the major developments in seventeenth-century lyric poetry.

ENGL 317 *Major Tudor and Stuart Drama* (LS)

A study of English drama of the sixteenth and seventeenth centuries excluding the plays of Shakespeare. Plays will be selected from the major works of Kyd, Marlow, Jonson, Middleton, Webster, Ford, Tourneur, and Marston.

ENGL 318 *Restoration Literature* (LS)

A survey of English literature from 1660 to 1707, with an emphasis on the poetry, drama, and criticism of the era. Special attention will be paid to works by Dryden, Pepys, Wycherly, and Congreve.

ENGL 320 *Eighteenth-Century British Literature* (LS)

A study of eighteenth-century prose and poetry (excluding the novel) and drama. Special attention will be focused on the works of Pope, Swift, Gray, Johnson, Sheridan, and Blake.

ENGL 322 *Money, Class, & Marriage in the British Novel* (LS)

The impact of social institutions on domestic happiness in novels from Defoe to Hardy.

ENGL 325 *Revolution and Reaction: Politics and Poetry in the Age of English Romanticism* (LS)

Approaches Romanticism as a broadly based cultural movement rather than a narrowly defined literary movement. Provides an introduction to the major figures of English Romanticism while offering students the opportunity to study women writers and working-class writers who wrote poetry or who took part in important political movements of this period.

ENGL 328 *Victorian Culture: Literature and the Arts* (LS)

An examination of the interrelated responses of poetry, painting, and architecture to industrialism, commercialism, scientific discovery, and religious doubt, with an emphasis on medieval revivalism.

ENGL 330 *Modern American Poetry* (LS)

Close analyses of works by Frost, Stevens, Williams, Pound, Eliot, Moore, Brooks, Hughes, Bishop, Cummings, and other representative poets.

ENGL 331 *Contemporary American Poetry* (LS)

Close examination of the work of a handful of select representative poets whose careers range from 1945 to the present, followed by a short survey of current poetic trends.

ENGL 335 *Modern American Fiction (1900-1945)* (LS)

Studies of representative stories and novels from the first half of the twentieth century. Authors might include Anderson, Hemingway, Wharton, Toomer, West, and others.

ENGL 336 *Contemporary American Fiction (1945-present)* (LS)

Studies of representative stories and novels from the end of World War II to the present. Authors might include Barth, Wright, O'Connor,

Hurston, Morrison, DeLillo, Stone, Naylor, O'Brien, Pynchon, Nabokov, Percy, Atwood, and others.

ENGL 342 *Faulkner* (LS)

An examination of representative fiction of the Yoknapatawpha saga.

ENGL 350 *British and Irish Literature in the Age of Modernism*

An examination of British and Irish fiction from the 1890s to the 1950s, with literary movements and major writers being related to early twentieth-century intellectual and social concerns.

ENGL 353 *Contemporary British and Irish Literature* (LS)

A study of British and Irish fiction, poetry, and drama in recent decades.

ENGL 361 *The Black Writer* (LS)

A study of the Black literary tradition in American literature with attention to complementary works by international Black authors.

ENGL 362 *Literary Theory* (LS)

The application of literary theory to the interpretation of selected texts.

ENGL 363 *English as a Global Language* (CW, LS)

The spread of the English language and Anglophone literature beyond England, from medieval Scotland to 20th-century Singapore. Also examines the impact of global English on indigenous languages and cultures.

ENGL 364 *The Literature of Depressives* (LS)

A study of the works of American writers with a strong melancholy bent who give special attention to the grim realities of life. Likely subjects are Carson McCullers, Sylvia Plath, James Agee, William Styron, and William Humphrey.

ENGL 365 *Political Fiction* (LS)

A study of representative 19th and 20th-century novels dealing with the fate of the individual in modern mass movements, centering on themes of revolution versus tradition, ideological commitment versus disillusionment, group loyalty versus personal betrayal. Readings may include works by Dostoyevsky, Conrad, Malraux, Hemingway, Huxley, Koestler, Orwell, Camus, Grass, Aksyanov, Warren, and Ellison.

ENGL 395 *Topics in Literature* (LS)

Directed, intensive study of a special literary subject.

Prerequisites: any 300-level course in English

Seminars

ENGL 405 *Chaucer's Troilus and Criseyde* (LS, W2)

A reading of Chaucer's masterpiece as a work of comedy, tragedy, and romance.

ENGL 408 *Shakespeare* (LS, W2)

Problems of interpretation in light of conflicting critical views.

ENGL 412 *The Sonnet* (LS, W2)

A study of selected sonnets from the Renaissance to the present day.

ENGL 414 *Milton* (LS, W2)

A study of Milton's English poetry and some of his prose. Attention will be given to *Paradise Lost*, the sonnets, and selections from *Areopagitica*.

ENGL 416 *The Satire of Pope, Swift, & Gay* (LS, W2)

An in-depth study of the major satires of Pope, Swift, and Gay.

ENGL 418 *Blake* (LS, W2)

A survey of Blake's view of society and religion as these are reflected in his lyrics, his prophetic books, and his paintings.

ENGL 420 *The Wordsworths, Coleridge, & their Circle* (LS, W2)

An intensive study of the lake poets and their literary comrades. In addition to Samuel T. Coleridge and William Wordsworth, also included are the works of Dorothy Wordsworth, Robert Southey, Thomas De Quincey, and others who were at the edge of this movement but who, nonetheless, influenced it.

ENGL 432 *Jane Austen* (LS, W2)

A study of Austen's *Northanger Abbey*, *Sense and Sensibility*, *Pride and Prejudice*, *Mansfield Park*, *Emma*, and *Persuasion*.

ENGL 435 *The Brontës* (LS, W2)

An examination of Emily Brontë's *Wuthering Heights*, Anne Brontë's *The Tenant of Wildfell Hall* and *Agnes Grey*, and Charlotte Brontë's *Jane Eyre*, *Shirley*, and *Villette*.

ENGL 441 *Robert Browning* (LS, W2)

A study of major and minor works from “Pippa Passes” to “Asolando.” Evaluation of critical studies.

ENGL 450 *Topics in Modern and Contemporary British Literature* (LS, W2)

A focused study of a major British author, to be determined on a year-by-year basis. Possible topics include, but are not limited to, W.B. Yeats, James Joyce, D.H. Lawrence, Virginia Woolf, George Orwell, W.H. Auden, Dylan Thomas, Philip Larkin, Doris Lessing, Iris Murdoch, John Osborne, Margaret Drabble, John Fowles, Anthony Burgess, and Seamus Heaney.

ENGL 455 *Chinua Achebe and Wole Soyinka* (LS, W2)

A study of Achebe’s classic novels and short stories and of Soyinka’s masterworks of drama, autobiography, and fiction. Works will include *No Longer At Ease*, *A Man of the People*, *Death and the King’s Horseman*, and *Ake*.

ENGL 460 *Topics in American Literature* (LS, W2)

The special subject of the seminar will be determined on a year-by-year basis.

ENGL 465 *Ernest Hemingway* (LS, W2)

An in-depth study of Hemingway’s career, from *In Our Time* to his posthumously published *The Garden of Eden*. Literary criticism of Hemingway will also be a major subject of study. In addition to paper(s), students will be expected to research the criticism and to lead class discussions based upon their research.

ENGL 490 *Special Topics* (LS, W2)

The special subject of the seminar will be determined on a year-by-year basis.

ENGL 497 *Senior Thesis Seminar* (W2)

This seminar course taken during the spring of the senior year focuses on students’ independent research projects in the discipline. Departmental

faculty and other seminar members will provide input and critiques as the student works toward a significant piece of original literary criticism. At the end of the semester, the project will be presented/defended orally. Each student must have a second reader (advisor) in addition to the ENGL 497 instructor; the student must solicit the second reader and receive approval of the project idea by Fall Break of the senior year. The second reader does not necessarily need to be an English Department faculty member. The ENGL 497 instructor and the second reader will consult to determine the student's grade. This course is limited to senior English majors.

ENVIRONMENTAL STUDIES

Professors Capek, Hines, Lombardi, and McDaniel
Associate Professor Moran (chair)
Assistant Professor Agnew

The Environmental Studies program is designed to provide an integrated and interdisciplinary focus. As such, it both complements and embodies the Liberal Arts aim of combining strengths of the natural sciences, social sciences, and humanities to prepare students to be well-equipped citizens in an increasingly globalized world. Core requirements for Environmental Studies majors are designed to fit requirements for graduate programs in Environmental Studies or related fields while the electives allow students to specialize in their particular interests.

MAJOR

13 courses distributed as follows:

Core Requirements

- EVST 275/ENGL 275 American Literature and the Environment
- BIOL 102 Natural History
- BIOL 104 Environmental Biology
- CHEM 110 Concepts of Chemistry
- POLI 235 Public Policy Process
- PSYC 290 or BUSI 250 Statistics

- ECON 340 Environmental Economics
- SOCI 375 Environmental Sociology

or

ANTH 320 Gender and Environment

- RELI 200 State of the World

or

PHIL 270 Environmental Philosophy

or

PHIL 315 Ethics

- EVST 498 Internship
- EVST 497 Senior Seminar

All students will choose from two possible emphases for their remaining courses. Students desiring a Natural Science emphasis may take either a biology or chemistry sequence. Students with a Socio-cultural emphasis take three courses of their choice from the list below.

Natural Science Emphasis

Biology

- BIOL 150 Cell Biology
- BIOL 160 Organismal Biology
- BIOL 250 Genetics
- BIOL 260 Ecology and Evolution

Students who complete the biology sequence will have completed the Natural History requirement and will not have to take the core course BIOL 102.

or

Chemistry

- CHEM 110 General Chemistry I: Chemical Structure and Properties
- CHEM 120 General Chemistry II: Chemical Analysis and Reactivity
- CHEM 240 Organic Chemistry I
- CHEM 250 Organic Chemistry II

Students who complete the chemistry sequence will have completed the chemistry requirement and will not have to take the core course CHEM 100.

Socio-cultural Emphasis (three of the following courses from three different disciplines)

- ANTH 220 Cultures of India

- ANTH 360 Global Studies
- HIST 350 Environmental History
- PHIL 270 Environmental Philosophy*
- PHIL 330 Ethical Theory
- PHIL 490 Topics in Philosophy**
- POLI 250 Global Politics I
- POLI 251 Global Politics II
- POLI 260 Political Economy
- RELI 200 State of the World*
- SOCI 362 Images of the City

* If not taken in core requirements

** Must be approved by Environmental Studies faculty. Some topics may not cover environmental concepts.

Senior Capstone Experience

The Senior Capstone Experience for the environmental studies major consists of participation in the Senior Seminar course. EVST 497 Senior Seminar is a one semester, non-credit course that involves common readings, research methods, and both written and oral presentation of independent research. The grade for the Senior Capstone Experience is based on the oral presentation and defense of research components of the senior seminar.

Courses

All other courses required for the Environmental Studies major are described under the respective academic departments.

EVST 275 American Literature and the Environment (LS, W1)

An examination of how American writers have depicted their culture's relationship to the environment, mostly through fictional representations (novels and short stories), but with some attention paid to nonfiction, poetry, and theoretical writing. The course will study how writers have imagined their environment and their place in it, though other aspects of the texts will also be studied (character, point of view, gender, race, or economics), and the term "environment" will not be used as a synonym for "nature." Cross-listed as ENGL 275.

EVST 497 Senior Seminar

A capstone experience involving common readings, research methods

and both written and oral presentation of independent research. Oral presentation and defense of research functions as the senior comprehensive exam. No Credit. Prerequisite: senior standing.

EVST 498 Environmental Internship

Provides opportunity for students to engage in an applied field experience. Focus of internship to be determined by the student's Environmental Studies emphasis. Internship must be approved in advance by Environmental Studies faculty. Prerequisite: junior or senior standing.

FOREIGN LANGUAGES

Professors Arms (chair), Farthing, and Martin

Associate Professor Oudekerk

Assistant Professors Contreras-Silva, Gulielmetti,

Resinski, and Vilahomat

The immediate aim of the Department of Foreign Languages is the progressive development of the student's ability to understand, speak, read, and write a foreign language. Its ultimate aim is to arouse curiosity and stimulate interest in the various aspects of the cultures whose language is being studied.

A student majoring in foreign languages may elect to concentrate in French, German, or Spanish. The major consists of credit for 9 courses in the language, above the beginning sequence. The department offers minors in Classics, French, German, and Spanish.

Students planning to certify to teach a foreign language should contact their major advisors and the Education Department for a list of courses required within the major and by professional societies for certification.

LATIN, GREEK, AND CLASSICS

Courses in Latin, Greek, and Classics provide students with the opportunity to learn about the language, history, and culture of ancient Greece and Rome.

CLASSICS MINOR

The minor in Classics includes courses in both the language and culture of Greco-Roman antiquity. Six courses are required, distributed as follows:

- LATI 110 Fundamentals of Latin I
and
LATI 120 Fundamentals of Latin II
or
GREE 110 Fundamentals of Koine Greek I
and
GREE 120 Fundamentals of Koine Greek II
or
GREE 115 Fundamentals of Ancient Greek I
and
GREE 125 Fundamentals of Ancient Greek II
or
the equivalent
- One course in Latin or Greek at the 200 level or above,
- Three remaining courses chosen from offerings in Latin, Greek, Classics, and the following:
 - ARTH 170 Western Art History Survey I: Ancient, Classical, Medieval
 - PHIL 285 Plato and Aristotle
 - RELI 124 Introduction to the New Testament
 - RELI 229 Varieties of Early Christianity
 - RELI 305 Search for the Historical Jesus

Latin Courses

LATI 110 *Fundamentals of Latin I*

An introduction to the basic grammar, syntax, and vocabulary of Latin. No prerequisite.

LATI 120 Fundamentals of Latin II (FL)

A continuation of LATI 110. By the end of the course, students will be reading passages of Latin literature in the original. Prerequisite: LATI 110 or the equivalent.

LATI 210 Readings in Latin Literature (LS)

Focus on translation and interpretation of Latin texts. Specific topics and authors will vary by semester. Prerequisite: LATI 120 or the equivalent.

LATI 310 Advanced Readings in Latin Literature (LS)

An extension of LATI 210. Focus on the refining of translation and interpretive skills. Specific topics and authors will vary by semester. Prerequisite: LATI 210 or the equivalent.

Greek Courses

Students who complete GREE 115-125 Fundamentals of Ancient Greek I and II are not eligible to take GREE 110-120 Fundamentals of Koine Greek I and II. Students who complete GREE 110-120 and would like to take GREE 115-125 should consult with the Classics faculty in order to be placed in the appropriate section.

GREE 110 Fundamentals of Koine Greek I

An introduction to the basic grammar, syntax, and vocabulary of Koine Greek, the language of the New Testament. No prerequisite.

GREE 115 Fundamentals of Ancient Greek I

An introduction to the basic grammar, syntax, and vocabulary of ancient Greek, the language of classical authors. No prerequisite.

GREE 120 Fundamentals of Koine Greek II (FL)

A continuation of GREE 110. By the end of the course, students will be reading passages from the Greek text of the New Testament. Prerequisite: GREE 110 or the equivalent.

GREE 125 Fundamentals of Ancient Greek II (FL)

A continuation of GREE 115. By the end of the course, students will be reading passages of Greek literature in the original. Prerequisite: GREE 115

or the equivalent.

GREE 210 *Readings in Greek Literature* (LS)

A focus on translation and interpretation of Greek texts. Specific topics and authors will vary by semester. Prerequisite: GREE 120 or 125, or the equivalent.

GREE 310 *Advanced Readings in Greek Literature* (LS)

A focus on the refining of translation and interpretive skills. Specific topics and authors will vary by semester. Prerequisite: GREE 210 or the equivalent.

Classics Courses

These courses are taught entirely in English and require no knowledge of Latin or Greek.

CLAS 200 *Classical Mythology* (LS, VA)

A study of Greek and/or Roman mythology, particularly the structure and dynamics of the mythological cosmos and the roles assigned to mortals and immortals within it. No prerequisite.

CLAS 250 *Etymology and Philology*

A study of word origins and particularly of the Latin and Greek elements of English words. This course aims to cultivate a curiosity about words and the development of the English language. No prerequisite.

CLAS 301 *Greek Civilization* (HP)

An integrated survey of the history, society, art, and literature of ancient Greece, from the Bronze Age through Alexander the Great. No prerequisite. Cross-listed as HIST 301.

CLAS 302 *Roman Civilization* (HP)

An integrated survey of the history, society, art, and literature of ancient Rome, from the early Republic to the height of the Roman Empire. No prerequisite. Cross-listed as HIST 302.

CLAS 330 *Greek Tragedy and Comedy* (LS)

A study of ancient Greek dramatic texts in English translation, aiming to present each drama as a poetic work in its own right, a participant in a literary tradition, and a vehicle for social commentary. Attention will also be given to the historical conditions in which tragedy and comedy were composed and performed. Special consideration will be given to the treatment of gender in drama.

CLAS 490 The Classical Tradition: Special Topics (W2)

A course examining aspects of Greco-Roman antiquity which have been retained and transformed by later cultures. Specific topics will vary by semester (examples: “Myth in Ancient and Modern Literature,” “Epic Film and Ancient Rome”). No prerequisite.

Sunoikisis

Opportunities for further coursework in Classics may be available through Sunoikisis, a coalition of Classics programs at colleges belonging to the Associated Colleges of the South.

FRENCH

MAJOR

The major in French consists of at least nine courses above the first-year sequence, including:

- FREN 210 Intermediate Composition and Conversation
- FREN 220 Aspects of French Culture,
- FREN 230 Introduction to French Literature
- FREN 310 Advanced Composition and Conversation
- five other upper-level French courses of the student's choosing.

For students certifying to teach, it is strongly recommended that one of these be FREN 320 Practical Phonetics.

Students majoring in French are also strongly encouraged to take at least the first-year sequence in Spanish, German, Latin, or Greek.

All students graduating from Hendrix are required to complete a departmental Senior Capstone Experience during the senior year over all work done in the major. The comprehensive exam in French includes both a written and an oral examination. In addition, seniors majoring in French will be required to present a portfolio consisting of samples of their undergraduate work in the major.

Senior Capstone Experience

The Senior Capstone Experience for the French major is comprised of two parts: a written and oral examination based on coursework in the major and courses taken abroad, if applicable. The grade for the Senior Capstone Experience is based on this examination.

MINOR

The minor in French consists of at least five courses at or above the 200 level.

Elementary French courses

The basic sequence courses are prerequisite for all other courses in French. However, if a student has taken two or more years of French in high school, he or she may be eligible to skip some or all of the first-year sequence. Placement into higher level courses is based on an evaluation of the incoming student's high school record, entrance exam scores, and results of the Hendrix placement test.

FREN 110 First-Year French, Part I

This course is designed for students with no prior experience in the French language. It is a course in the four basic skills of listening, speaking, reading, and writing in French, with emphasis on oral expression and an introduction to French culture.

FREN 120 First-Year French, Part II (FL)

This course continues the development of basic skills, cultural awareness, and oral proficiency at the first-year level.

Intermediate French courses

FREN 210 Intermediate Composition and Conversation

This course continues the development of skills acquired in the first-year sequence. Assignments include oral exposes and weekly compositions with emphasis on idioms, grammar, and syntax in both written and spoken French. Prerequisite: FREN 120 or consent of the instructor.

FREN 220 *Aspects of French Culture* (CW)

This course is an analysis of diverse phenomena contributing to the development of contemporary French culture. It includes an historical survey as well as a study of regions of France and francophone countries. Prerequisite: FREN 210 or consent of the instructor.

FREN 230 *Introduction to French Literature* (LS)

This course is designed to introduce students to representative authors, periods, and genres in French literature and to acquaint them with methods of reading and criticism in preparation for more advanced literary study. Prerequisite: FREN 210 or consent of the instructor.

Advanced French courses

The prerequisite to all advanced French courses is French 210.

FREN 310 *Advanced Composition and Conversation* (W2)

This course is a study of advanced grammar and syntax to help students arrive at more effective written and oral expression. Regular compositions on assigned topics and scheduled oral presentations are included.

FREN 320 *Practical Phonetics*

This course is a systematic review of French pronunciation involving the study of phonetics through oral exercises, texts in poetry and prose, and the study of phonetic theory. It is recommended for majors in French, especially for those preparing to teach.

FREN 410 *Medieval and Renaissance Literature* (LS)

This course deals primarily with the epic, medieval romance, and humanist writings. Readings include the *Chanson de Roland*, *Tristan et Iseut*, and the poetry of Ronsard.

FREN 420 *Golden Age of French Drama* (LS)

This course is a comprehensive study of the Classical period of French literature, concentrating on the works of Corneille, Racine, and Moliere.

FREN 440 *Romanticism to Symbolism* (LS)

This course is an overview of the major works of the nineteenth century, including both poetry and prose. Hugo, Flaubert, and Baudelaire are among the authors studied.

FREN 450 *Contemporary French Literature* (LS)

This course presents significant works and movements of the twentieth century, with emphasis on the novel. Authors studied include Alain-Fournier, Proust, Camus, Sartre, and Duras.

FREN 460 *Topics in French Literature* (LS)

This course explores an author, movement, or genre in depth. Topics may be selected from among the following: French Literature and Film, Women Writers of French, or The French Short Story. May be cross-listed as LITR 460.

GERMAN

MAJOR

The major in German consists of at least nine courses above the basic sequence, including

- GERM 210 or 310 Intermediate Composition and Conversation
- GERM 320 or 330 Survey of German Literature and Civilization
- GERM 420 Senior Seminar in German Literary History
- Six other upper-level German courses of the student's choosing

Senior Capstone Experience

The Senior Capstone Experience for the German major is a comprehensive examination that follows completion of GERM 420. The comprehensive examination consists of two parts: a written examination over several hours covering all aspects of German cultural history, but with a special emphasis on literature, and, the next day, a similarly broad-ranging one-hour oral examination, conducted in German.

MINOR

The minor in German consists of at least five courses at or above the 200-level.

Study Abroad

While not specifically required for graduation in German, a significant study abroad experience clearly adds greatly to the linguistic skills and cultural awareness of our majors and is very strongly recommended. The most popular vehicles for study in German-speaking countries are the Hendrix-in-Graz and the ISEP programs, both of which permit the use of the student's Hendrix financial aid.

German courses

Please note that GERM 210 or permission of the instructor is a prerequisite for all other upper-level courses.

GERM 110 Elementary German I

Introductory language course stressing the skills of listening, reading, and writing, with special emphasis on the rapid acquisition of speaking ability. Introduction to the cultures of German-speaking countries.

GERM 120 Elementary German II (FL)

Continuation of GERM 110 with emphasis on further development of skills and cultural awareness. Introduction to literary and non-literary texts.

GERM 210/310 Intermediate Composition and Conversation (W2)

Open to any student who has completed the basic sequence. Further develops communication skills while offering a focused review of essential grammar concepts. Content varies annually, but focuses on contemporary life and literature in German-speaking Europe.

GERM 220 German Literature and its Context (LS, W2)

An introduction to the study of German literature in its sociohistorical context. Provides the student with essential research and analytical skills through the examination of short, representative works by authors such as Goethe, Heine, Kafka, Hesse, Grass and Seghers. Continues the development of the student's command of oral and written German.

GERM 230 Masterpieces of German Cultural History (W2)

An introduction to some of the great works of German art, architecture, literature, music, and philosophy through a focus on significant periods in German cultural history such as the High Middle Ages, the Reformation, the Baroque era, the Classic and Romantic Periods, and Expressionism. As with 220, the course continues the development of the student's command of oral and written German.

GERM 320 Survey of German Literature and Civilization, Part I (to 1848) (LS, W2)

An overview of the most important literary figures and works in German history as reflections of the various cultural periods that produced them. The broader cultural context of each epoch—its social history, philosophy, art, architecture and music—will be stressed.

GERM 330 Survey of German Literature and Civilization, Part II (1848-Present) (LS, W2)

Applies the same approach as in GERM 320 to the period from the Revolution of 1848 to the present. GERM 320 is not a prerequisite.

(Note: GERM 320 and 330 are viewed as core courses in the German program. While at least one of them is required for the major, both courses should be of significant interest to non-majors and minors as well.)

GERM 340 From Expressionism to Exile Literature (LS, W2)

Deals with the most important authors and cultural movements of Fin-de-Siècle Vienna, the Weimar Republic and the years of Nazi domination in German. Includes such authors as Rilke, Mann, Kafka, Hesse, Seghers, and Brecht.

GERM 350 German Literature since 1945 (LS, W2)

Examines the most important literary figures writing in German since the Second World War against the backdrop of the turbulent history of this period. Includes authors such as Boll, Grass, Hesse, Becker, Wolf, and Maron.

GERM 395 Contemporary German Civilization (W2)

This course focuses on the political, economic, social, and cultural institutions of Germany since World War II, with special emphasis on developments from 1989 to the present.

GERM 420 Senior Seminar in German Literary History (LS, W2)

A course for senior German majors designed to help them synthesize their understanding of German literature and civilization to this point. Considerable individualization of content will allow each participant to

concentrate on key periods and authors not previously studied.

GERM 490 *Special Topics in German Literature* (LS, W2)

Provides the opportunity to explore various authors or literary movements in depth. May on occasion be offered in both English and German so that a wider spectrum of students might participate. When offered in English it will be cross-listed as a LITR 330 course and will not be coded "FL". Potential special topics include Gender in 19th-Century German Literature, German-Jewish Literature, German Film, The Novella, German Drama, Fairy Tales.

SPANISH

MAJOR

At least nine courses above the basic sequence, including

- SPAN 310 Survey of Spanish Literature to 1800
- SPAN 320 Survey of Spanish Literature since 1800
- SPAN 330 Survey of Latin-American Literature
- SPAN 200 Conversation and Composition

or

SPAN 300 Advanced Grammar and Composition

Senior Capstone Experience

The Senior Capstone Experience for the Spanish major is a comprehensive examination based on coursework in the major and on courses taken abroad, if applicable. The format of the written examination may vary from question to question, but the test will consist of five parts, and should not exceed three hours in length. The grade for the Senior Capstone Experience is based on the examination.

MINOR

At least five courses at or above the 200-level.

Spanish courses

SPAN 110 *Basic Sequence I*

Primarily for those students with no prior experience in the language, this is a course in the basics skills of listening, speaking, reading, and writing the language. This course includes some cultural material.

SPAN 120 *Basic Sequence II (FL)*

Continues the process of development of the four basic skills and moves into the study of culture and literature.

SPAN 200 *Conversation and Composition (W2)*

Open to students who have completed the basic sequence, this course further develops the skills of speaking and writing.

SPAN 300 *Advanced Grammar and Composition (W2)*

A study of advanced grammar and syntax. Open to students who have completed the basic sequence, this course further develops knowledge of grammar and writing skills.

SPAN 310 *Survey of Spanish Literature to 1800 (LS, W2)*

An overview of Spanish literature from the Cid through the poets and dramatists of the Golden Age.

SPAN 320 *Survey of Spanish Literature Since 1800 (LS, W2)*

An overview of Spanish literature from the Romantic movement of the early 19th century to contemporary works.

SPAN 330 *Survey of Latin-American Literature (LS, W2)*

An overview of Spanish-language Latin-American literature from pre-Columbian times to the present.

SPAN 410 *The Latin American Short Story (LS, W2)*

A study of the genre with particular emphasis on works of the 20th century.

SPAN 420 *Latin-American Poetry (LS, W2)*

An introduction to Latin-American poetry ranging from pre-Columbian times to the present with an emphasis on poetry produced by underprivileged classes.

SPAN 430 *Poetry of the Golden Age (LS, W2)*

An in-depth study of the Renaissance and Baroque poetry of the 16th and 17th centuries in Spain.

SPAN 440 *Drama of the Golden Age* (LS, W2)

An in-depth study of the drama of the Golden Age of Spain.

SPAN 450 *The Generation of '98* (LS, W2)

A study of the authors of Ortega y Gasset and of the Generation of '98.

SPAN 460 *Spanish Poetry & Drama of the Twentieth Century* (LS, W2)

A study of the poetry of the Generations of '98 and '27; concentration is on the poetry and drama of Garcia Lorca.

SPAN 480 *Contemporary Literature and Arts* (LS, W2)

A course geared toward studying the recent cultural productions of the Hispanic world. New drama, poetry, film, music, and plastic arts will be studied to provide the student a more current understanding of the Hispanic world.

SPAN 485 *The Hispanic Novel* (LS)

A genre course geared toward the reading of novels which have captured international attention. Can be offered in English and Spanish so that a wider spectrum of students might participate. When offered in English, this course will be cross-listed as LITR 485.

SPAN 490 Special Topics

An intensive study of primary and secondary sources dealing with a specific topic or author.

GENDER STUDIES

Professors Binnie, Capek, Falls-Corbitt, Hines, and West
Associate Professors Barth, Harris, Maslin-Wicks,
Schantz, Templeton, and Toth
Assistant Professors Campolo, Gulielmetti, Resinski,
Skok (chair), and Vernon

MINOR

Five of the following courses selected from at least two different disciplines:

- one of which must be a humanities
 - CLAS 330 Greek Tragedy and Comedy (LS)
 - ENGL 250 Women and African Literature (LS, W1)
 - ENGL/EVST 275 American Literature and the Environment (LS, W1)
 - ENGL 258 American War Literature (LS, W1)
 - ENGL 270 The Theme of Women's Vocation in Literature and Film (LS, W1)
 - ENGL 405 Chaucer's 'Troilus and Criseyde' (LS)
 - ENGL 432 Jane Austen (LS)
 - ENGL 435 The Brontës (LS)
 - ENGL 465 Ernest Hemingway Seminar (LS, W1)
 - GEND 267: Topics: Introduction to Gender Studies (counted as a humanities course when taught by a member of the humanities faculty)

- PHIL 310 Feminist Thought (VA, SB, CW)
- one of which must be a social science
 - ANTH 280 The Anthropology of Gender (SB)
 - ANTH 320 Gender and Environment
 - GEND 267 Topics: Introduction to Gender Studies (counted as a social science course when taught by a member of the social sciences faculty)
 - HIST 385 American Social History to 1865 (HP, LS)
 - HIST 402 American Women's History (HP)
 - POLI 100 Issues in Politics: Gender
 - POLI 300 Feminist Political Thought (VA, CW)
 - POLI 380 Gender, Sexuality, and American Politics (CW, W2)
 - PSYC 400 Psychology of Gender (CW)
 - RELI 330 Women and Religion (CW)
 - SOCI 250 Gender and Family (CW, SB)
 - SOCI 310 Gender and Sexuality
 - SOCI 390 Social Inequality (CW, SB)

A student may count one course in his or her major discipline towards the Gender Studies minor, but this course will not count toward his or her major.

The gender emphasis in the following courses varies from year to year. Students should consult the instructor and petition the chair of Gender Studies to receive credit towards the Gender Studies minor for any of these courses.

- ANTH 280 The Anthropology of Gender (SB)
- ENGL 265 Masterpieces of World Literature (LS, W1)
- ENGL 361 The Black Writer (LS)
- ENGL 312 Arthurian Literature (LS)
- ENGL 322 Money, Class, and Marriage in the British Novel (LS)
- GERM 490 Special Topics in German Literature (FL, LS, W2)
- TART 311 History of Theatre and Drama II
- TART 330 Theatre and Challenges of the Contemporary World

Courses

The course Introduction to Gender Studies is not currently required for a Gender Studies minor. It is, however, strongly encouraged. All other courses that can be taken to fulfill the minor requirements are described under the respective academic departments.

GEND 267 Topics: Introduction to Gender Studies (CW)

An interdisciplinary course designed for first or second year students that will explore men's and women's experiences in American society and the role that ideas about sexual differences have played in shaping

those experiences. Areas of inquiry will include, but are not limited to, the following: the construction of gender roles and sexuality; the relationship between gender and other social, political, and legal structures and institutions; the interplay of gender with race, class, and ethnicity in cultural perceptions and expectations of both men and women. This course will strive to assist students in formulating questions about gender as it relates to their on-going work in various disciplines across the curriculum. This course will be cross-listed in the department of the instructor of record for that semester. Course content may vary accordingly. Currently cross-listed as HIST 267 and PHIL 267.

HISTORY

Professors Larson and McAinsh
Associate Professors Jennings, Shutt (chair), and Schantz
Assistant Professor Skok
Visiting Assistant Professor Shackelford

MAJOR

Students seeking a major in history will take 11 courses distributed in the following manner:

- 2 courses in American history
- 2 courses in European history
- 3 courses selected from African, Middle Eastern, or Chinese history
- 3 elective courses in history
- HIST 300 Historiography

These 11 courses must include:

- 1 course in pre-modern history (that is, a course which treats in a substantial way the period before 1800)
- 1 seminar course (that is, a small discussion-based course focusing on important historical texts)
- 1 research course (that is, a course in which students produce a research paper of at least 25 pages)

These courses are identified in departmental course offerings at the end of each description as follows:

- pre-modern courses (PM),

- seminar courses (S), and
- research courses (R).

Students may satisfy only one of the above requirements in a single course. (Thus, a student may not take American Revolutionary Era as both a research course and a pre-modern course but would have to decide on one designation or the other.)

Students who contemplate taking the senior-level HIST 497 Advanced Research and Writing are urged to complete their research course as well as Historiography during the junior year.

Senior Capstone Experience

The Senior Capstone Experience for the history major consists of a comprehensive examination. The comprehensive examination is the standardized Major Field Achievement Test (MFAT). The grade for the Senior Capstone Experience is based on the standardized test score.

MINOR

Students seeking a minor in history will take 6 courses distributed in the following manner:

- 1 course in American history
- 1 course in European history
- 2 courses selected from African, Chinese, or Middle Eastern history
- 2 elective courses in history

General Topics Courses

HIST 190 *History & Film* (HP)

This course subjects films on historical topics to discussion and analysis. It probes how filmmakers treat historical subjects and introduces students to the methods historians might use in evaluating the accuracy and impact of such films.

HIST 267 *Topics: Introduction to Gender Studies* (CW)

An interdisciplinary course designed for first or second year students

that will explore men's and women's experiences in American society and the role that ideas about sexual differences have played in shaping those experiences. Areas of inquiry will include, but are not limited to, the following: the construction of gender roles and sexuality; the relationship between gender and other social, political, and legal structures and institutions; the interplay of gender with race, class, and ethnicity in cultural perceptions and expectations of both men and women. This course will strive to assist students in formulating questions about gender as it relates to their on-going work in various disciplines across the curriculum. This course will be cross-listed in the department of the instructor of record for that semester. Course content may vary accordingly. Currently cross-listed as GEND 267 and PHIL 267.

HIST 300 *Historiography* (HP, W2)

This course focuses on two major topics: ways of historical thinking and methods of historical research. Among the varied topics of consideration are historical method, the philosophy of history, the history of historical writing, the life and works of several historians, and conflicting interpretations of historical events.

HIST 350 *Environmental History* (HP, CW)

This is a reading and research seminar in environmental history from the United States, Europe and Africa. Topics include ideas about the environment, environmental degradation, misreading the landscape, race and the environment, and African environmental concerns. (S, R)

HIST 497 *Advanced Research and Writing* (HP)

This year-long course begins in the fall semester of the senior year. It is directed toward the production of a substantial piece of historical writing based, in large part, on primary sources. Working closely with an advisor, students devise a topic and conduct research. They also meet together with other students in the course and their mentors in a seminar format in which they will read each other's work and offer their evaluation of that work. Students interested in enrolling in this course should consult their advisors during the spring semester of the junior year. Students who wish to enroll in this course should also have their basic departmental research requirement (an R course) completed by the end of the junior year. Prerequisite: consent of the department.

American History Courses

HIST 214-A *Poverty and Welfare in America* (HP)

This class uses primary and secondary sources to examine the many ways in which Americans have understood the existence of poverty and the poor. With emphasis on the nineteenth and twentieth centuries, we will investigate the roots of poverty in the American economic system, in order to examine why so many people remain poor in the richest nation on earth. We will also look at the evolution and larger macroeconomic purposes of the American welfare state. Whenever possible, we will also use first hand accounts by poor people and antipoverty activists themselves, in order to let them tell their own stories in their own voices.

HIST 218-A *Progressive Era Reform, 1890-1920* (HP)

Over the past thirty or forty years, historians have gone from idolizing Progressive-Era reformers and demonizing political bosses, to practically the reverse. In this course, we will use primary and secondary sources to examine the creation of the boss-reformer paradigm during the Progressive Era, and its rediscovery by historians in the 1960s and 70s. Then we will look at more recent attempts to unpack the ethnic, racial, class, and gender dynamics behind the paradigm. We will investigate who had what kind of power in Progressive-Era cities, and what we can learn from the past about the society in which we live today. (S)

HIST 256-A *The American Century, 1945-Present* (HP)

The post-1945 period was an era of dramatic change in American history, one whose repercussions still shape the world in which we live today. In this course, we will focus on some of the major developments of the period, including the Cold War, the civil Rights Movement, and the dramatic shift in gender roles that has changed the lives of both women and men. We will also cover related subjects, such as the domestic war on poverty and the foreign war in Vietnam.

HIST 270-A *Arkansas History* (HP)

A history of Arkansas from earliest times to the present.

HIST 351-A *American Revolutionary Era* (HP)

An exploration of the political, social, and intellectual forces that propelled the North American British colonies into rebellion. The course also examines the war itself and evaluates the revolutionary settlement

defined in the making of the Constitution. (R, PM)

HIST 353-A *American Civil War and Reconstruction* (HP)

Offers an analysis of the sectional conflict leading to the secession crisis, the impact of the war on American society, and the reunification of the nation during Reconstruction. Within all three topics the course will be fundamentally concerned with the shifting meanings of freedom in American life. (R)

HIST 360-A *Vietnam and the 60's* (HP, CW)

This course will examine the Vietnam War in the context of the social upheavals of the 1960s. Starting with the supposedly quiescent periods of the late 1940s and 1950s, we will look at the war in the context of Cold War politics, the Civil Rights Movement, and other domestic conflicts. We will think about the class, racial, and gender dynamics of the war. Last but not least, we will read Vietnamese perspectives on the war, in order to illuminate why our involvement there had such tragic results. (R)

HIST 380-A *City and Nation in American History* (HP)

From the beginning of American History, cities have played an integral role in the life of the nation. They have been vital centers of trade since before the arrival of Europeans in North America. They have been economic engines, spurring the westward movement of Europeans across the continent. They have been centers of culture and sites of conflict. They have raised questions of regional and national identity. They have housed a diverse array of class, ethnic, and racial groups. In this course, we will examine the growth of the American urban system from the Colonial Era to the present. Course requirements include a research paper on some aspect of the city of Little Rock using primary source documents. Students will receive plentiful help in finding a topic. Past topics include: Boxing in the 1870s, the Little Rock electric trolley system, Little Rock women's clubs, and race relations in the 1960s. (S, R)

HIST 385-A *American Social History to 1865* (HP)

This course examines important American diaries, journals, and autobiographies from the colonial period through the era of the Civil War and explores the historical context in which these texts were written. It stresses, especially, the importance of gender, class, and race in the shaping of American life. (S, PM)

HIST 390-A *African American History to 1865* (HP)

This course examines the major topics in African American history from the emergence of the ancient African Kingdoms to the Civil War. Emphasis will be placed on the use of a multidimensional approach to analyze African American culture, lifestyles, and related issues. Major themes related to the African American experience in America, as well as experiences throughout antebellum society, will be examined. (PM)

HIST 395-A African American History since 1865 (HP)

This course examines the major topics in African American history from the Civil War to the end of the Civil Rights era. Emphasis is placed on the use of a multidimensional approach to analyze African American culture, lifestyles, and related issues. Major themes such as racism, assimilation, separatism, Pan-Africanism, desegregation, and civil rights are examined. (S)

HIST 402-A American Women's History (HP)

A seminar and discussion course centered on important texts in the history of American women from the colonial period to the present. (S)

HIST 403-A History of Death in America (HP, VA)

Some would argue that America is inherently a “death-denying” culture. This course investigates that assertion by exploring critical texts in the history of death in America from the colonial period to the present. It includes such topics as Puritan view(s) of death, the social construction of disease, death and warfare, the rise of the hospital, and an examination of the modern funeral industry. (S)

HIST 420-A Topics in American History (HP)

A seminar or research course devoted to a particular topic in American history. Student suggestions for the selection of a topic are especially encouraged. Topics might focus on particular historical epochs, individuals, movements or themes. (S or R, depending upon the topic and structure of the course)

European History Courses

HIST 170-E Contemporary Europe (CW, HP)

This course aims to provide students with historical perspective on a variety of current problems and issues. Concentrating on the period since 1945, major topics covered include the decline and fall of the Soviet Union, the Cold War and its aftermath, welfare state democracy and its prospects, European responses to environmental problems, and the ongoing development of the European Union. Political, diplomatic, and

economic developments are stressed.

HIST 221-E *England to 1688* (HP)

Beginning with Roman Britain, this course traces the social, cultural, political and religious evolution of England up to the Glorious Revolution. Particular attention is given to the growth of the Common Law, the rise of parliament, and other developments of significance to our own country. (PM)

HIST 222-E *England since 1688* (HP)

This course will trace the process of England's transformation to modernity, concentrating on social and cultural, as well as political and economic changes. Students will also consider the rise and fall of England as an imperial power and as a great power in Europe's state system.

HIST 301-E *Greek Civilization* (HP)

An integrated survey of the history, society, art, and literature of ancient Greece, from the Bronze Age through Alexander the Great. No prerequisite. Cross-listed as CLAS 301.

HIST 302-E *Roman Civilization* (HP)

An integrated survey of the history, society, art, and literature of ancient Rome, from the early Republic to the height of the Roman Empire. No prerequisite. *Cross-listed as CLAS 302.*

HIST 311-E *Medieval Europe* (HP)

Beginning with the decline and fall of the Roman Empire and the rise of Christianity, this course will focus on Western Europe from about 400 to 1300. Particular attention will be given to the intertwining of Classical, Christian, and Germanic cultures that resulted in the birth and early development of Western Civilization. (PM)

HIST 312-E *Renaissance Europe* (HP)

This course will focus on the social, political, economic, and cultural developments in Western Europe (with particular concentration on Italy) in the fourteenth, fifteenth, and early sixteenth centuries. Emphasis will be given to the questions of whether these developments are best understood as a repudiation or as a continuation of Medieval culture, and whether they should be seen as the origins of Modernity. (PM, R)

HIST 313-E *Reformation and Baroque Europe* (HP)

Among the topics stressed in the study of the sixteenth and seventeenth centuries are the Protestant Reformation and the Scientific Revolution,

with the cultural changes associated with them. The development of the modern State system of Europe is also considered. (PM)

HIST 314-E *Age of Democratic Revolutions* (HP)

Eighteenth-century Europe is examined with an eye toward determining the causes of the upheavals which followed. The French Revolution of 1789 and subsequent revolts against the status quo through the Revolutions of 1848 are then considered, with particular attention to their political and diplomatic aspects. (R)

HIST 315-E *Age of the Nation State* (HP)

This course treats the history of Europe from the Revolutions of 1848 to the end of the First World War. Particular emphasis falls on the five major powers of Europe, and the intellectual changes during this period. (R)

HIST 316-E *Europe: 1918-1945* (HP)

This course focuses primarily on the problems of political and cultural breakdown in the inter-war years, on the rise of the dictators, and on the origins of World War II. (R)

HIST 332-E *Russia: 1689-1917* (HP)

This course traces the development of the Russian Empire from the reign of Peter the Great to the February Revolution. Special emphasis is placed on Russia's struggle to modernize. (PM)

HIST 333-E *Russia since 1917* (HP, CW)

This course begins at the turn of the century and attempts to explain the success of the Bolsheviks, the development and dissolution of the Soviet Union, and the current condition of Russia. (R)

HIST 370-E *Communism, Fascism, and Democracy* (HP)

This is a course in intellectual history. The basic ideas, and historical development of Liberal Democracy, Fascism, and Communism are considered. HIST 170 Contemporary Europe, is recommended. (R)

HIST 440-E *Seminar in the History of Europe, 1890-1940* (HP)

This course focuses on some of the important conflicts and changes in Western and Central Europe in the half century preceding World War II. Prerequisite: HIST 315, HIST 316, or consent of instructor. (S)

HIST 445-E *Seminar in Soviet History* (HP)

This course focuses in more detail on some of the major problems in the development of the Soviet Union and its successors. Prerequisite: HIST 333 or consent of instructor. (S)

African, Chinese and Middle Eastern History Courses

HIST 120-G *Early African History* (HP)

An introductory course with continent-wide scope. Covers the major trends and events in Africa to the imposition of colonialism, including the development of agriculture, cities and states, technology, and religious life. (PM)

HIST 130-G *Colonial African History* (HP)

The second half of the general survey course takes African history up to independence. Covers such topics as the colonial state, resistance movements, problems of independence, and development.

HIST 240-G *History of the Islamic World* (HP)

This survey course follows the rise of Islam as a world religion from the time of the Prophet Muhammad, into the Classical Age of expansion and cultural development, and on into the rise of the Ottoman Empire. Topics include Muslim piety, Sunni and Shi'ia Islam, Sufism, gender and African forms of Islam. We consider briefly the contemporary era in the last section of the course. (PM)

HIST 242-G *China since the Ming* (HP)

This course emphasizes three elements of Modern Chinese history: The collapse of Imperial China under the impact of the West, the failure of the Nationalist Government to modernize China, and the mixed success of the Chinese Communist government in bringing China toward the 21st Century.

HIST 250-G *History of Southern Africa* (HP)

This course explores the History of South Africa as a regional powerhouse in the sub-continent. The course begins with the history of the Khoisan, the earliest inhabitants of the sub-continent and traces developments in the economy, culture and politics to the end of the Apartheid era in 1994. (PM)

HIST 280-G *Contemporary Africa* (HP, CW)

This course focuses on the challenges of political independence in Africa. Using case studies of selected African countries, this course examines the prospects for democracy, the problems of economic development, the challenges of political corruption, and the legacy of colonialism in Africa today. (R)

HIST 325-G *Africa and the Americas* (HP)

This is an introduction to the interconnected history of the Americas (Brazil, Caribbean, United States) and Africa. We will examine the impact of the Atlantic slave trade on African peoples and follow the transportation and settlement of enslaved Africans to the Americas. Our focus is the contribution of African peoples to the history, culture, and politics of the Americas. (PM, R)

HIST 330-G *Culture and Colonialism* (HP, CW)

This seminar focuses on selected readings concerning the cultural impact of colonialism in Africa. Topics include domesticity, health and medicine, etiquette, music and clothing styles, gangsters, films, and Christianity. (S, R)

HIST 430-G *Topics in African History* (HP)

This reading course focuses on topics in African history that interest students and the instructor.

INTERDISCIPLINARY STUDIES

Students wishing to explore major courses of study not offered by individual departments may petition for an Interdisciplinary Studies major. Under the guidance of a faculty committee specially appointed by the Registrar, such students may develop majors combining courses from several departments or areas. Each Interdisciplinary Studies major must have a coherent thematic principle governing the selection and sequencing of courses in the major and must be approved in all particulars by the specially appointed committee. Students who would like to explore an Interdisciplinary Studies major are urged to consult with their faculty advisors or with the Office of the Registrar.

Students are encouraged to declare an intention to pursue an Interdisciplinary Studies major during the sophomore year. Under no circumstances should a student declare such intent later than the first term of his or her junior year. Declaration of such intent is made by submitting a written proposal to the Registrar. The proposal must be signed by the student's academic advisor and must contain a list of eight to fourteen courses proposed to constitute the major, a narrative account of the aims the student intends to fulfill by means of the proposed major, and the reasoning that supports the desirability of the proposed major.

The faculty committee appointed by the Registrar will review the student's proposal for an Interdisciplinary Studies major and advise the student subsequent to approval of the proposal, if approval is granted. On receipt of a positive recommendation from the committee, the Registrar will authorize the student to pursue the major. Interested students should consult the Registrar.

INTERNATIONAL RELATIONS AND GLOBAL STUDIES

Professors Berry, King (chair), McDaniel, Scott, and West
Associate Professor Oudekerk

MAJOR

13 courses distributed as follows:

PART A: Foreign Language

Two courses beyond the basic sequence in at least one modern foreign language.

- FREN 210 Intermediate Composition and Conversation
or
FREN 220 Aspects of French Culture
or
FREN 230 Introduction to French Literature
or
GERM 210 Intermediate Composition and Conversation
or
SPAN 200 Conversation and Composition
or
the equivalent course in another modern foreign language
- One upper-division course taught in a foreign language, including foreign literature courses.

PART B: Global Awareness

- POLI 250 Global Politics I
or
POLI 251 Global Politics II
- ECON 360 International Economics
or
POLI 260 Political Economy
- **Culture Studies:** One from
 - SOCI 250 Gender and Family
 - SOCI 270 Racial and Ethnic Minorities
 - SOCI 360 Social Change/Social Movements
 - SOCI 380 Medical Sociology
 - SOCI 390 Social Inequality
 - ANTH 100 Introduction to Anthropology
 - ANTH 250 Visual Anthropology
 - ANTH 360 Global Studies
 - ANTH 370 Psychological Anthropology
 - ENGL 255 Post-Colonial Literature
 - ENGL 265 Masterpieces of World Literature
 - ENGL 363 English as a Global Language
 - RELI 110 Religion in a Global Context
 - RELI 200 State of the World
 - RELI 340 World Religions: Contemporary Perspectives
 - RELI 330 Women and Religion
 - MUSI 270 Survey of Global Musics

- **Environmental Studies:**
One from
 - SOCI 375 Environmental Sociology
 - ANTH 320 Gender and Environment
 - PHIL 270 Environmental Philosophy
 - BIOL 104 Environmental Biology
 - ECON 340 Environmental Economics

PART C: Regional Concentration. Four courses. At least one course from each of the two sub-sections (1) and (2). Course selections should attempt to cohere primarily, but not necessarily exclusively, around one particular regional concentration.

(1) History, Politics, and Society

ANTH 220 Cultures of India

ANTH 380 Indian Peoples of the Americas
HIST 130 Colonial African History
HIST 170 Contemporary Europe
HIST 222 England since 1688
HIST 242 China since the Ming
HIST 250 History of Southern Africa
HIST 280 Contemporary Africa
HIST 316 Europe: 1918-1945
HIST 333 Russia since 1917
HIST 370 Communism, Fascism, and Democracy
POLI 372 China and East Asia
POLI 373 Palestine, Israel, and the Middle East
POLI 430 Topics in Comparative Politics
HIST 445 Seminar in Soviet History

(2) Arts and Culture

ARTH 171 Western Art History Survey II
ENGL 245 African Novel
ENGL 250 Women and African Literature
ENGL 255 Post-Colonial Literature
ENGL 265 Masterpieces of World Literature
ENGL 455 Chinua Achebe and Wole Soyinka
FREN 220 Aspects of French Culture
FREN 450 Contemporary French Literature
FREN 460/LITR 460 Topics in French Literature
GERM 330 Survey of German Literature and Civilization, Pt II
GERM 340 From Expressionism to Exile Literature
GERM 350 German Literature since 1945
GERM 395 Contemporary German Civilization
SPAN 320 Survey of Spanish Literature since 1800
SPAN 330 Survey of Latin-American Literature
SPAN 410 The Latin American Short Story
SPAN 420 Latin-American Poetry
SPAN 460 Spanish Poetry and Drama of the Twentieth-Century
MUSI 260 Introduction to Twentieth-Century Music
MUSI 402 Classic, Romantic, and Modern Music
PHIL 250 Philosophies of India
PHIL 260 Philosophies of China and Japan
RELI 216 Judaism
RELI 311 Buddhism
RELI 231 Western Christianity since 1500

PART D: Electives

Two courses from Parts A, B, and C not already selected as fulfillments for those Parts;

or,

for those students interested in an Economics & Business concentration, two courses from

BUSI 200 Fundamentals of Accounting and Business I

BUSI 210 Fundamentals of Accounting and Business II

BUSI 330 Cost Accounting

ECON 200 Principles of Microeconomics

ECON 210 Principles of Macroeconomics

ECON 320 Money, Banking, and Credit

ECON 410 Financial Management

PART E: Study Abroad

Students must complete at least one study abroad experience that earns at least one Hendrix course credit. Students should seek approval from the IRGS Committee before completing this requirement.

Senior Capstone Experience

Completion of IRGS 400 Senior Seminar will satisfy the Senior Capstone Experience requirement for IRGS majors and may be counted as one course in Part B (bullet 3) of the IRGS minor.

SPECIAL NOTES:

1. Study abroad courses, if approved by the IRGS Committee in advance and in response to student petition, can be used to substitute for courses in Parts A through D above.
2. Independent studies, if approved by the IRGS Committee in advance and in response to student petition, may count as fulfillments for Parts A through D above.
3. Students wishing to major in IRGS in the more “traditional” IR sense should consider taking POLI 250 Global Politics I, POLI 251 Global Politics II, and POLI 260 Political Economy, along with ECON 360 International Economics.

Students wishing to major in IRGS in the “global studies” sense

should emphasize language, humanities, and socio-cultural courses where possible.

Students wishing to major in IRGS with a concentration in Economics and Business should emphasize the ECON/BUSI courses listed in Part D above, as well as taking ECON 360.

4. Students should check catalog course descriptions by department for any prerequisites.

MINOR

Nine courses distributed as follows:

PART A: Foreign Language

The basic sequence or its equivalent in any modern foreign language.

PART B: Global Awareness

- POLI 250 Global Politics I
or
POLI 251 Global Politics II
- ECON 360 International Economics
or
POLI 260 Political Economy
- Two from
 - ANTH 100 Introduction to Anthropology
 - ANTH 250 Visual Anthropology
 - ANTH 320 Gender and Environment
 - ANTH 360 Global Studies
 - ANTH 370 Psychological Anthropology
 - BIOL 104 Environmental Biology
 - ECON 340 Environmental Economics
 - ENGL 255 Post-Colonial Literature
 - ENGL 265 Masterpieces of World Literature
 - ENGL 363 English as a Global Language
 - IRGS 400 Senior Seminar in International Relations and Global Studies
 - MUSI 270 Survey of Global Musics
 - PHIL 270 Environmental Philosophy
 - RELI 110 Religion in a Global Context
 - RELI 200 State of the World
 - RELI 330 Women and Religion
 - RELI 340 World Religions: Contemporary Perspectives

SOCI 250 Gender and Family
SOCI 270 Racial and Ethnic Minorities
SOCI 360 Social Change/Social Movements
SOCI 375 Environmental Sociology
SOCI 380 Medical Sociology
SOCI 390 Social Inequality

PART C: Regional Concentration. Four courses. At least one course from each of the two sub-sections (1) and (2). Course selections should attempt to cohere primarily, but not necessarily exclusively, around one particular regional concentration.

(1) History, Politics, and Society

ANTH 220 Cultures of India
ANTH 380 Indian Peoples of the Americas
HIST 130 Colonial African History
HIST 170 Contemporary Europe
HIST 222 England since 1688
HIST 242 China since the Ming
HIST 250 History of Southern Africa
HIST 280 Contemporary Africa
HIST 316 Europe: 1918-1945
HIST 333 Russia since 1917
HIST 370 Communism, Fascism, and Democracy
POLI 372 China and East Asia
POLI 373 Palestine, Israel, and the Middle East
POLI 430 Topics in Comparative Politics
HIST 445 Seminar in Soviet History

(2) Arts and Culture

ARTH 171 Western Art History Survey II
ENGL 245 African Novel
ENGL 250 Women and African Literature
ENGL 255 Post-Colonial Literature
ENGL 265 Masterpieces of World Literature
ENGL 455 Chinua Achebe and Wole Soyinka
FREN 220 Aspects of French Culture
FREN 450 Contemporary French Literature
FREN 460/LITR 460 Topics in French Literature
GERM 330 Survey of German Literature and Civilization, Pt II
GERM 340 From Expressionism to Exile Literature

GERM 350 German Literature since 1945
GERM 395 Contemporary German Civilization
SPAN 320 Survey of Spanish Literature since 1800
SPAN 330 Survey of Latin-American Literature
SPAN 410 The Latin American Short Story
SPAN 420 Latin-American Poetry
SPAN 460 Spanish Poetry and Drama of the Twentieth-Century
MUSI 260 Introduction to Twentieth-Century Music
MUSI 402 Classic, Romantic, and Modern Music
PHIL 250 Philosophies of India
PHIL 260 Philosophies of China and Japan
RELI 216 Judaism
RELI 311 Buddhism
RELI 231 Western Christianity since 1500

SPECIAL NOTES:

1. Study abroad courses, if approved by the IRGS Committee in advance and in response to student petition, can be used to substitute for courses in Parts A through D above.
2. Students should check catalog course descriptions by department for any prerequisites.

International Relations and Global Studies Courses

IRGS 400 *Senior Seminar in International Relations and Global Studies*
(CW, W2)

An advanced seminar course intended primarily for senior IRGS majors and minors. Although the specific content and structure of the seminar

may vary from year to year, it intends to bring experienced students of IRGS together to study global issues in an advanced academic setting. Given the explicit interdisciplinary nature of the IRGS program, a contemporary global issue (or issues) will be analyzed from various theoretical perspectives and by multiple methodologies as they are represented by the relative disciplinary strengths of the seminar members themselves. The cumulative result will be a collection of studies, cohering around a common theme or question, but examined from a variety of perspectives and expressed in a variety of media. Completion of the seminar will satisfy the Senior Capstone Experience requirement for IRGS majors and may be counted as one course in Part B (bullet 3) of the IRGS minor.

KINESIOLOGY

Professors Garrison, Hannah (chair), and Kelly
Assistant Professor Mayo

MAJOR

A major in Kinesiology consists of eleven courses (eight core courses, and three courses in an emphasis chosen by the student) and six physical education activity classes, at least one chosen from each of the following categories: fitness, team sport, individual sport, aquatics, and dance.

The eight required courses are the following:

- KINE 100 Foundations of Kinesiology
- KINE 200 Care and Prevention of Exercise and Sport Injuries
- KINE 210 Concepts of Fitness
- KINE 220 Health and Wellness
- KINE 280 Skills for Majors
- KINE 320 Anatomy and Physiology
- KINE 330 Structural Kinesiology
- KINE 360 Physiology of Exercise

The areas of emphasis, and the courses comprising them, are these:

Secondary Physical Education and Health - 3 courses

- KINE 300 Secondary Methods
- KINE 400 Administration
- KINE 430 Coaching Spring Sports

or

KINE 440 Coaching Basketball

or

KINE 450 Coaching Swimming

or

KINE 460 Coaching Volleyball

or

KINE 470 Coaching Football

Elementary Physical Education - 3 courses

- KINE 250 Games and Basic Rhythms for Elementary Grades
- KINE 290 Motor Development
- KINE 350 P. E. for Elementary Education

Sports Management - 3 courses

- ECON 100 Survey of Economics Issues

or

BUSI 200 Fundamentals of Accounting and Business I

- Marketing (to be taken off campus)
- KINE 498 Individual Internship

Recreation Leadership - 3 courses

- KINE 240 Recreational Leadership
- KINE 270 Outdoor Education
- KINE 498 Independent Internship

Each student must pass a minimum standard fitness test before graduation and demonstrate minimum standards on a list of proficiencies as prescribed by the department.

Students planning to certify to teach physical education should contact their major advisors and the Education Department for a list of courses required within the major and by the professional societies for licensure.

Senior Capstone Experience

The Senior Capstone Experience for the kinesiology major consists of a comprehensive examination that covers material presented in the

courses required for the major. For each course, the student is given three or four discussion questions from which to choose and answer two questions. The grade for the Senior Capstone Experience is based on this exam.

MINOR

A minor in Kinesiology consists of the following six courses:

- KINE 100 Foundations of Kinesiology
 - KINE 200 Care and Prevention of Exercise and Sport Injuries
 - KINE 210 Concepts of Fitness
 - KINE 300 Secondary Methods
- or**
- KINE 350 P. E. for Elementary Education
- KINE 320 Anatomy and Physiology
- or**
- KINE 330 Structural Kinesiology
- or**
- KINE 360 Physiology of Exercise
- KINE 400 Administration
 - One activity class credit from four of the five different activity areas

Courses

KINE 100 Foundations of Kinesiology and Physical Education

An overview of the history of past and present concepts, principles, and philosophies that relate to and influence health leisure, physical education, and recreation. Offered in 2004-2005 and alternate years.

KINE 110 Responding to Emergencies

Designed to prepare people to meet the needs of most situations when emergency first aid care is needed and medical assistance is not excessively delayed. American Red Cross Certification in Responding to Emergencies and Adult CPR is attainable through this course.

KINE 200 Care and Prevention of Exercise and Sport Injuries

The course is designed to provide the student with the knowledge of prevention, care, and rehabilitation of common athletic injuries. The student will receive athletic training information and the skills necessary

to care for the common movement injury. Designed to develop competence in rendering immediate and temporary aid to a victim of accident, sudden illness, or injury. The student will also receive certification for basic first aid and adult CPR.

KINE 210 *Concepts of Fitness*

An introductory course to provide information on the why, how, and what of exercise and physical activity for fitness. The course involves discussions of the need for fitness and a comparison of health-related and skill-related fitness. It combines classroom and lab experiences that promote a healthy lifestyle.

KINE 220 *Health and Wellness*

Includes an examination of the holistic approach to health. Emphasis is placed on the physical, psychological, social, intellectual, spiritual, and environmental domains of this approach. Designing individual preventative health care practices in each of these domains is strongly encouraged throughout the course.

KINE 240 *Recreational Leadership*

An examination of the field of recreation as a profession, the services that it renders, and the settings where it is conducted. Introduces students to the skills and techniques needed to conduct a variety of school and community recreation activities. (On demand.)

KINE 250 *Games and Basic Rhythms for Elementary Grades*

Introduces students to the sequential development of individual and group game skills in low organized games. Also introduces students to the development of sequential fundamental movement patterns, creative rhythms, and various forms of dance using folk, round, line, and square dance. Offered in 2005-2006 and alternate years.

KINE 260 *Nutrition*

Examines basic principles of nutrition with emphasis on role of nutrition in health and disease. Also application of basic nutrition principles to optimize daily or athletic performance. Offered in 2003-2004 and alternate years.

KINE 270 *Outdoor Education*

Outdoor education experience in classroom and wilderness setting to allow student to gain knowledge/skills in camping, wilderness survival, canoeing, orienteering, and environmental studies.

KINE 280 *Skills for Majors*

Preparation of Kinesiology majors for the teaching and coaching of various sports and skills. Students should show competence in individual and team sports. Offered in 2005-2006 and alternate years.

KINE 290 Motor Development

Application of psychological and physiological principles to motor development and improvement of physical performance; role of growth, development, and emotional and psychosocial phenomena in motor learning and performance. (On demand.)

KINE 300 Secondary Physical Education (W2)

Designed to develop student knowledge and understanding of the planning, organization, and teaching included in physical education in the middle school and secondary school levels. Includes lesson plan, unit, and curriculum design, with peer teaching and a field experience. Offered in 2005-2006 and alternate years.

KINE 320 Anatomy and Physiology

An introduction to the physiological processes and anatomical features of the body that are related to and affected by physical activity and training. It includes the study of the chemical organization, structure and function of cells and various support systems.

KINE 320L Anatomy and Physiology Lab

Laboratory to accompany KINE 320. Models, dissections, and other media will be used to explore the structure and function of several support systems.

KINE 330 Structural Kinesiology

Study of the muscular and skeletal systems as they are involved in the science of movement. Also, the mechanical principles underlying human performance will be addressed.

KINE 330L Structural Kinesiology Lab

Laboratory to accompany KINE 330. Emphasis is given to demonstration of resistance exercise needed to develop, maintain, or rehabilitate the muscular system. Additionally, biomechanical analyses of sports skills will be addressed.

KINE 350 Physical Education for Elementary Education (W2)

Principles and objectives of a developmentally appropriate physical education program for the elementary school student - what it is, how to design it, appropriate activities to use, how to teach it, and how to assess

it. Emphasis on pedagogical physical education; knowledge of fundamental motor skills from a motor development perspective; adaptive techniques; knowledge of social, cognitive, and affective, development of children; curriculum design; and discipline and management of physical education classes. Students will design lessons and teach in public schools for practical application.

KINE 360 *Physiology of Exercise* (NS-L)

This course is designed to enhance the student's ability to understand the acute and chronic physiological changes in response to exercise. Emphasis is placed on the practical application of exercise training for health, fitness, and performance.

KINE 360L *Physiology of Exercise Lab*

Laboratory to accompany KINE 360. Emphasis is given to the demonstration of physiological responses to exercise, as well as other laboratory procedures unique to sports science.

KINE 400 *Administration of Health, Physical Education, and Recreation* (W2)

A study of various administrative philosophies and techniques used in educational and recreational settings. A study of the principles underlying the organization and administration of programs and health, physical education, and athletics in modern schools. Prerequisite: KINE 100.

KINE 430 *Coaching Spring Sports*

A study of the rules, coaching and training techniques, and event management for baseball, track and field, tennis, and golf. Offered in 2004-2005 and alternate years.

KINE 440 *Coaching Basketball*

A study of individual and team fundamentals, philosophies, basic offensive and defensive strategies, techniques and program organization, and administration. It also includes an overview of the coaching profession. Offered in 2005-2006 and alternate years.

KINE 450 *Coaching Swimming*

Includes organization, administration, and philosophy of conducting a

sound, competitive program. Emphasis will be placed on teaching the fundamentals of stroke technique, race strategies, training, and conditioning. (On demand.)

KINE 460 Coaching Volleyball

A study of organization, administration, and philosophy of coaching volleyball that includes the teaching of skills, offenses, defenses, conditioning, and management of a team to develop effective coaching techniques. (On demand)

KINE 470 Coaching Football

Coaching football involves a thorough study of individual and team fundamentals, different philosophies of play, and coaching techniques. Topics will also include the organization and administration of an overall football program. Offered in 2004-2005 and alternate years.

LIBERAL STUDIES

Courses whose subject matter is multi-disciplinary and do not fit conveniently into existing academic disciplines or interdisciplinary programs may be listed as LBST.

Courses

LBST 100 Journeys

Journeys is a one-semester, common course required of all first-year students entering Hendrix College. It is grounded in the College's motto, which (from Ephesians 4:13) may be translated as "toward a fulfilled person." The motto thus implies trajectory, a sense of movement or development, from one state of being or one way of living to another. It implies, in short, the notion of journey. This course takes the concept of journey as its touchstone and explores how different cultures and different peoples have made sense of their own life journeys.

The Journeys course is global in its perspective and interdisciplinary in its approach. For example, through an exploration of Homer's *Odyssey* and some of the dialogues of Plato we probe how the ancient Greeks

conceived of human journeys, both physical and metaphorical. We turn then to China, examining “the ways” for human flourishing pioneered by Confucius and the Buddha. In both Islam and Christianity, we can trace adherents’ spiritual journeys toward a relationship with the divine: to that end, we will study Islamic poetry and art, as well as the importance of the pilgrimage to Mecca. We explore journeys of a more contemporary nature by looking at Charles Darwin’s Voyage of the Beagle, with its subsequent influence on his theory of evolution, and by reading texts pivotal to the rise of modern democracy. We probe journeys of self-discovery, such as the one revealed in W.E.B. DuBois’ *Souls of Black Folk* and the challenges faced by indigenous communities as they confront modernity. We will look, too, at the journeys toward independence made by nations and individuals as they have thrown off the yoke of imperialism—we look especially at the role of Gandhi in the move for Indian independence in the 20th century. The exact works and kinds of journeys we examine will no doubt evolve as the course changes over the coming years. But our goal will remain constant. We aim to challenge our students to examine a variety of human journeys, with the hope that they will come to understand different conceptions of human fulfillment and that they will reflect deliberately on the paths their own lives might take.

LBST 101 Explorations: Liberal Arts for Life

Explorations: Liberal Arts for Life is a one-semester common course required of all entering students in their first semester at the College. *Explorations* is designed to foster an ongoing engagement with the liberal arts experience, to facilitate the transition of new students to the Hendrix community, and to enhance students’ potential for success in their collegiate studies. The course meets once a week and carries one-quarter (.25) course credit. Areas of study in *Explorations* include higher education and the liberal arts, the aims and expectations of the College, academic and career explorations, and self-inquiry and personal development. Additionally, the seminar focuses on refining student knowledge, perspectives and skills requisite to successful academic work and integration into the Hendrix community. Each new student will be enrolled in both a *Journeys* and an *Explorations* section. Academic components of *Explorations* may be linked to *Journeys* content, adding immediate relevance to these areas of study. In each *Explorations* section, instruction will be complemented by the presence of a second-year peer assistant who will be available to provide a student perspective and assistance throughout the course.

LBST 200 Vocation and Integrity: A Call to Wholeness (CW, VA)

What does a life expressing wholeness look like? What are the joys and struggles of leading a life of commitment and integrity? What ultimately gives meaning to life? How is suffering overcome? What place to faith, love, justice, and friendship have in a meaningful vocation? How can one's life-work bespeak one's fundamental values? These and other questions related to the search for a life well lived will be investigated in this interdisciplinary course sponsored by the Hendrix-Lilly Vocations Initiative. Biographies and autobiographies, as well as other literary, philosophical, and artistic forms, are selected for study by the course faculty.

LBST 400 *Propylaea*

To cultivate intellectual and aesthetic curiosity, a student may attend and evaluate 60 intellectual and cultural events, including Murphy Foundation programs, Steel Center events, Special Events programs, convocations, theatre productions, and others. Students may register for Propylaea through the Student Activities Office at the onset of any term. Students who complete LBST 400 Propylaea receive one course credit.

LITERATURE IN TRANSLATION

Courses whose subject matter is multi-disciplinary and do not fit conveniently into existing academic disciplines or interdisciplinary programs may be listed as LITR.

Courses

LITR 460 *Topics in French Literature* (LS)

This course explores an author, movement, or genre in depth. Topics may be selected from among the following: French Literature and Film, Women Writers of French, or The French Short Story. Readings may be done in translation. Cross-listed as FREN 260.

MATHEMATICS AND COMPUTER SCIENCE

Professors Collins and D. Sutherland
Associate Professors Barel and Campbell (chair)
Assistant Professors Burch and Ferrer
Visiting Assistant Professor Cha

The Department of Mathematics and Computer Science offers a major in Mathematics, a major in Computer Science, and minors in Mathematics and in Computer Science. A student may double major in Mathematics and in Computer Science or major in one discipline and minor in the other. Three years of high school mathematics, including two years of algebra and one year of geometry, or equivalent preparation, are necessary for all courses offered in the Department. Trigonometry/Precalculus is strongly recommended. A student who studied calculus before enrolling in Hendrix College may receive course credit for MATH 130 Calculus I if he or she takes MATH 140 Calculus II with consent of the instructor and passes it with a grade of “C” or better. Alternatively, a student may receive course credit for MATH 140 Calculus II if he or she takes MATH 260 Differential Equations with consent of the instructor and passes it with a grade of “C” or better.

AP Credit

MATHEMATICS: A student who scores a 4 or higher on the Calculus AB exam or a 3 or higher on the Calculus BC exam will receive course credit for MATH 130 Calculus I. In addition, a student scoring 4 or higher on the Calculus BC exam will receive course credit for MATH 140 Calculus II.

COMPUTER SCIENCE: A student who scores a 4 or higher on the Computer Science A exam or a 3 or higher on the Computer Science AB exam will receive course credit for CSCI 150 Foundations of Computer Science I. In addition, a student scoring 4 or higher on the Computer Science AB exam will receive course credit for CSCI 151 Foundations of Computer Science II.

MAJOR IN MATHEMATICS

11 courses distributed as follows:

- MATH 130 Calculus I
- MATH 140 Calculus II
- MATH 240 Discrete Mathematics
- MATH 290 Introduction to Advanced Mathematics
- One of the following two-course sequences:
 - MATH 320 Algebra and MATH 420 Seminar in Algebra
 - MATH 350 Real Analysis and MATH 450 Seminar in Analysis
- two courses chosen from the following:
 - any mathematics courses listed 200 or above
 - CSCI 151 Foundations of Computer Science II
 - CSCI 380 Theory of Computation
 - ECON 300 Intermediate Microeconomics
 - ECON 430/530 Management Science
 - PHYS 380 Classical Mechanics
- three additional courses chosen from the following:
 - any mathematics courses listed 300 or above
 - CSCI 380 Theory of Computation

Each senior major must also enroll in the year-long MATH 497 Senior Seminar. A working knowledge of a high-level computer language such as C++ or Java is strongly recommended.

MAJOR IN COMPUTER SCIENCE

12 courses distributed as follows:

- CSCI 150 Foundations of Computer Science I
- CSCI 151 Foundations of Computer Science II
- MATH 130 Calculus I
- MATH 240 Discrete Mathematics
- CSCI 250 Programming Practicum
- CSCI 280 Algorithms and Problem Solving Paradigms
- CSCI 330 Computer Organization and Architecture
- CSCI 380 Theory of Computation
- CSCI 420 Operating Systems and Concurrent Computing
- Three additional CSCI courses listed 300 or above

Each senior major must also enroll in the year-long CSCI 497 Senior Seminar.

Senior Capstone Experience

The Senior Capstone Experience for the mathematics major and the computer science major consists of an undergraduate research portfolio and participation in two semesters of the Senior Seminar course. MATH 497 Senior Seminar and CSCI 497 Senior Seminar are non-credit courses that meet weekly to guide students through the process of developing a senior undergraduate research project. The undergraduate research portfolio consists of the senior project and any other research projects completed by the student outside of regular course work. The grade for the Senior Capstone Experience is based on the portfolio and an oral presentation of the senior project.

MINOR IN MATHEMATICS

Six courses distributed as follows:

- MATH 130 Calculus I
- MATH 140 Calculus II
- MATH 240 Discrete Mathematics
- MATH 290 Introduction to Advanced Mathematics
- one mathematics course listed 200 or above
- one mathematics course listed 300 or above

MINOR IN COMPUTER SCIENCE

Six courses distributed as follows:

- CSCI 150 Foundations of Computer Science I
- CSCI 151 Foundations of Computer Science II
- MATH 130 Calculus I
- CSCI 250 Programming Practicum
- MATH 240 Discrete Mathematics

and

CSCI 280 Algorithms and Problem Solving Paradigms

OR

two computer science courses listed 300 or above

Mathematics Courses

MATH 110 *Journey through Mathematics* (HP, QS)

An historical survey of mathematical ideas (arithmetic, geometry, algebra) in various cultural contexts. The emphasis is on the mathematical content. **Note:** This course is not available for credit to students who have had MATH 130 or its equivalent. These students are referred, instead, to MATH 280. Prerequisite: LBST 100.

MATH 115 *Mathematics in Contemporary Issues* (CW, QS, SB)

A survey of problems of social conflict, fairness, and uses of mathematics in the modern world, emphasizing mathematical analysis of political and social structures. Topics may include voting methods, power distributions, apportionment, fair division, graph theory, coding theory, and scheduling problems.

MATH 120 *Functions and Models* (QS)

Study of algebraic, trigonometric, exponential and logarithmic functions within the context of mathematical modeling.

MATH 130 *Calculus I* (QS, NS)

Study of limits, differentiation, and integration of functions of one variable. Prerequisite: MATH 120 or its equivalent.

MATH 140 *Calculus II* (QS, NS)

Further aspects of integration of functions of one variable. Infinite series. Prerequisite: MATH 130 or advanced placement.

MATH 195 *Mathematical Problem Solving*

Practical sessions in solving challenging problems in mathematics (possible sources: periodicals, problem collection books, or Putnam exams). The class meets biweekly to discuss solutions and receive new assignments. Most problems are solved between sessions, individually or in groups. A student receives one course credit after four semesters of successful problem solving. Prerequisite: MATH 130 or consent of instructor.

MATH 230 *Multivariable Calculus*

Vectors and coordinate systems in two and three dimensions, vector-valued functions, functions of several variables, extrema, multiple integrals, vector fields, including fundamental theorems of vector calculus. This course will have an emphasis on developing geometric intuition. Offered in alternate years. Prerequisite: MATH 140 or consent of instructor.

MATH 240 *Discrete Mathematics* (NS)

An introduction to the discrete paradigm in mathematics and computer science. Topics include induction, recursion, logic, algorithmic problem-solving, graph theory, number theory, and counting techniques. Prerequisite: MATH 130 or consent of instructor.

MATH 260 *Differential Equations* (NS)

Study of ordinary differential equations and systems of equations, through the use of analytic, qualitative/ geometric, and numerical techniques. Applications from physics, biology, chemistry, engineering, economics, and psychology will be presented. Prerequisite: MATH 140.

MATH 270 *Linear Algebra* (NS)

Solving linear systems, matrix algebra, vector spaces and linear transformations, eigenvectors, orthogonality. Prerequisite: MATH 130.

MATH 280 *History of Mathematics* (HP, W2)

A survey of mathematical ideas and discoveries in their historical context. The course combines mathematics (proofs and problems) with readings on its development. Offered in alternate years. Prerequisite: MATH 130 or consent of instructor.

MATH 290 *Introduction to Advanced Mathematics* (W2)

Fundamentals of set theory, logic, and functions. Emphasis is on developing the students' theorem-proving skills, independent work, written and oral communication skills, and ability to critique others' work. Prerequisite: MATH 140 and completion of or concurrent enrollment in MATH 240.

MATH 310 *Mathematical Probability and Statistics I*

Theory of probability and mathematical statistics including an introduction to descriptive statistics and exploratory data analysis, basic concepts of probability theory, discrete and continuous random variables, special distributions, moment-generating functions, multivariate distributions, sampling distribution theory, and the Central Limit Theorem. Offered in alternate years. Prerequisite: MATH 140.

MATH 320 *Algebra*

Introduction to classical algebraic systems and their morphisms. Topics include groups, rings, fields, substructures, ideals, homomorphisms, and quotients. Offered in alternate years. Prerequisite: MATH 290.

MATH 340 *Combinatorics*

Continues the ideas of counting, graph theory, and algorithms from Mathematics 240. Topics may include Ramsey Theory, designs, coding theory, generating functions, and optimization. Offered in alternate years.

Prerequisite: MATH 240.

MATH 350 *Real Analysis*

A rigorous study of the structure of the real line and the properties of real-valued functions. Topics include sequences, limits, continuity, differentiability, and integrability. Offered in alternate years. Prerequisite:

MATH 290.

MATH 410 *Mathematical Probability and Statistics II*

Continuation of Probability and Statistics I including the theory of statistical inference, point estimation, confidence intervals, regression, hypothesis testing, and analysis of variance. Offered in alternate years.

Prerequisite: MATH 310.

MATH 420 *Seminar in Algebra*

Algebraic topics that extend the fundamental ideas in MATH 320 will be presented. Offered in alternate years. Prerequisite: MATH 320.

MATH 450 *Seminar in Analysis*

Analytic topics that extend the fundamental ideas in Mathematics 350 will be presented. Offered in alternate years. Prerequisite: MATH 350.

MATH 490 *Advanced Topics in Mathematics*

Faculty-student seminar. Content will vary according to the interests of the participants and instructor. Past offerings include Great Theorems in Mathematics and Their Proofs, Dynamical Systems, Number Theory, Topology, Wavelets and Wavelet Transforms, Complex Variables, and Introduction to Category Theory. Prerequisite: consent of instructor.

MATH 497 *Senior Seminar*

A required seminar for all senior mathematics majors which meets throughout the academic year. Each student will develop an individual research project under the direction of a faculty member and present the results both orally and in written form.

Computer Science Courses

CSCI 135 *Robotics Exploration Studio* (NS-L)

Introduction to mechanical design and computer programming in the context of building and programming mobile robots. Mechanical design topics will include vectors and forces, Newton's Laws, gears, motors, rotational motion, friction, and the design process. Computer science topics will include an introduction to programming, the programming of sensors and motors, and an introduction to artificial intelligence. Other topics include application of scientific method, teamwork skills, technical writing, and the relationship between the science fiction portrayal of robots and current technological reality. Cross-listed as PHYS 135.

CSCI 150 *Foundations of Computer Science I* (QS, NS)

Introduction to computer programming, the process of designing and constructing software. It emphasizes techniques for object oriented design and software development by means of an introduction to the features of the programming language Java, including the notion of classes, and computation due to the interaction between classes. The course also covers some of the most fundamental data structures and algorithms that are useful in Computer Science.

CSCI 151 *Foundations of Computer Science II* (NS)

Builds on the skills acquired in Foundations of Computer Science I, placing special emphasis on object oriented software design and data abstraction. Students are introduced to some of the most important and frequently used data structures: lists, stacks, queues, trees, graphs, and programming techniques such as recursion. Other topics covered include analysis of algorithm complexity, program verification, and simulations. Programming assignments focus on the design and implementation of algorithms and data structures. Prerequisite: CSCI 150 and either completion of or enrollment in MATH 130.

CSCI 250 *Programming Practicum* (NS)

Introduction to the tools and computer science concepts necessary for the development of large software systems, including an overview of software system design methodologies as well as techniques for Unix

system programming and network programming. Programs will be written using the C++ programming language. Students will also read and reflect upon case studies in computing ethics, as a way of understanding the societal context in which computer programs are used.

CSCI 280 Algorithms & Problem Solving Paradigms (W2)

Introduction to several algorithm design strategies that build on data structures and programming techniques introduced in the first three computer science courses. These include: divide-and-conquer, dynamic programming, and greedy algorithms. Particular topics to be considered will include shortest path and other network problems; problems in computational geometry; searching, sorting and some advanced data structures such as balanced binary search trees, heaps, hash-tables, and union-find structures. In addition, an introduction to complexity theory and the complexity classes P and NP will be provided. Prerequisites: CSCI 151 and MATH 240.

CSCI 330 Computer Architecture and Organization

A study of the design concepts of major importance in modern computers. Topics will include microprogramming, language-directed computers, parallel processors, and pipeline computers. Emphasis will be placed on the relationship of architecture to programming issues. Prerequisite: CSCI 250.

CSCI 335 Artificial Intelligence

An introduction to the design, analysis, implementation, and application of classical and contemporary algorithms in artificial intelligence, with an emphasis on the development of complete, embodied intelligent agents. Topics will include symbolic planning, robot programming under both subsumption and hybrid paradigms, automated theorem proving, intelligent game-playing programs, rule-based systems, genetic algorithms, neural networks, and machine learning.

CSCI 340 Database Systems

Introduction to the theoretical and practical aspects of database management systems. Emphasis is on the relational data model. Topics covered include query languages, relational design theory, file structures, and query optimization. Students will implement a database application using Oracle or MySQL, Java Applets, and Servlets. Prerequisite: CSCI 280.

CSCI 350 Software Engineering (W2)

In this course, students learn and gain practical experience with software

engineering principles and techniques. The practical experience centers on a semester-long team project in which a software development project is carried through all of the stages of the software lifecycle. Topics in this course include requirements analysis, specification, design, abstraction, testing, and maintenance. Particular emphasis is placed on designing and developing maintainable software and on the use of object-oriented techniques throughout the software lifecycle. Prerequisite: CSCI 250.

CSCI 360 Survey of Programming Languages (W2)

Concepts and structures governing the design and implementation of modern programming languages. Introduction to concepts of compilers and run-time representations of programming languages. Features of programming languages supporting abstraction. Programming language paradigms including procedural, functional programming, object-oriented programming, logic programming, polymorphism, and concurrency will be covered. Prerequisite: CSCI 280.

CSCI 380 Theory of Computation

Covers basic topics in automata, computability, and complexity theory, including: models of computation (finite automata, Turing machines and RAMs); regular sets and expressions; recursive, r.e., and non-r.e. sets and their basic closure properties; complexity classes; determinism vs. non-determinism, with and without resource bounds; reductions and completeness; practice with NP- and P-completeness proofs; and the complexity of optimization and approximation problems. Prerequisite: MATH 240.

CSCI 420 Operating Systems and Concurrent Computing

Basic principles of modern operating systems design: emphasis on concurrency including problems (nondeterminism), goals

(synchronization, exclusion) and methods (semaphores, monitors); resource management including memory management and processor scheduling; file systems; interrupt processing; multithreaded programming. Prerequisite: CSCI 280.

CSCI 480 Parallel and Distributed Systems

An introduction to the fundamentals of parallel and distributed processing. Investigations into parallel programming issues and models: control parallel, data parallel, and data flow. Programming projects in this course will include the use of departmental cluster of computers. Prerequisite: CSCI 420.

CSCI 490 Advanced Topics in Computer Science

Faculty-student seminar. Content will vary according to the interests of the participants and instructor. Prerequisite: consent of instructor.

CSCI 497 Senior Seminar

A required seminar for all senior computer science majors which meets throughout the academic year. Each student will develop an individual research project under the direction of a faculty member and present the results both orally and in written form.

MUSIC

Professors N. Fleming, Griebing, and Herrick
Associate Professors Boehm (chair), and Krebs
Assistant Professor Stern

MAJOR

- MUSI 101 Introduction to Music Studies
- MUSI 201 Musicianship Skills
- MUSI 202 Introduction to Diatonic Harmony
- MUSI 301 Introduction to Chromatic Harmony and Twentieth-Century Practices

- MUSI 302 Form and Analysis in Western Music
- MUSI 401 Medieval, Renaissance, and Baroque Music
- MUSI 402 Classic, Romantic, and Modern Music
- MUSI 497 Senior Seminar
- four course credits worth of music electives
- six semesters of applied music in the major instrument or voice (either MUSA 300 or MUSA 400) and
- six semesters of the appropriate ensemble (MUSA 200)
- six semesters of recital attendance (MUSA 100)

Senior Capstone Experience

The Senior Capstone Experience for the music major consists of a comprehensive examination and a senior project. The comprehensive exam is the standardized Major Field Achievement Test (MFT). The senior project may take the form of a research paper, a lecture recital, a portfolio of original compositions, or a recital accompanied by written program notes. Preparation for this project is a part of MUSI 497 Senior Seminar. In the space reserved for the Senior Capstone Experience, transcripts for music majors will contain two grades, a grade received for the MFT and a grade received for the senior project.

MINOR

- MUSI 101 Introduction to Music Studies
- **or**
- MUSI 150 Survey of Western Classical Music
- MUSI 201 Musicianship Skills
- MUSI 202 Introduction to Diatonic Harmony
- One music history/literature class from the following:
 - MUSI 230 History of Jazz
 - MUSI 250 Introduction to Opera
 - MUSI 260 Introduction to Twentieth-Century Music
 - MUSI 270 Survey of Global Musics
 - MUSI 280 Topics in Music Literature
 - MUSI 401 Medieval, Renaissance, and Baroque Music
 - MUSI 402 Classic, Romantic, and Modern Music
- one course credit of private applied study (either MUSA 300 or MUSA 400)
- one elective

Courses

MUSI 100 *Music Fundamentals* (EA)

Introduction to basic skills in reading and writing musical notation. Introduction to keyboard and sightsinging skills. Designed for students who do not read music.

MUSI 101 *Introduction to Music Studies* (EA)

A course intended for music majors, music minors, and students contemplating the music major. An introduction to skills required for advanced music study and success in professional music careers. Emphasis on research, oral and written communication, and the acquisition of appropriate listening skills, through the study of history and literature.

MUSI 150 *Survey of Western Classical Music* (EA)

A course designed to develop skills in listening to music and to introduce selected areas in the literature of Western art music.

MUSI 190 *The Alexander Technique*

A study of the movement and coordination of the Alexander Technique and its application to performance and general activity.

MUSI 201 *Musicianship Skills* (EA)

Harmonic, melodic, and rhythmic principles of tonal music. Development of ear training and music writing skills. Sightsinging and keyboard lab. Students may elect to test out of MUSI 201 and receive credit upon successful completion of MUSI 202. Prerequisite: MUSI 100 or successful completion of a placement exam. Corequisite: Concurrent enrollment in MUSA 300 voice and/or piano lessons as needed.

MUSI 202 *Introduction to Diatonic Harmony* (EA)

Continues the development of solfege, aural, composition, and keyboard skills begun in MUSI 201 and introduces the principles of diatonic harmony, counterpoint, and structural analysis. Lab. Prerequisites: MUSI 201 and MUSA 300 piano (or equivalent).

MUSI 230 *History of Jazz* (EA, HP)

A study of America's true art form, jazz music, in its various forms and styles, with a goal of understanding and appreciating how jazz music reflects the culture and society of its time.

MUSI 240 *Pedagogy* (EA)

A study of the principles and techniques of teaching applied music. Offered as needed.

MUSI 250 *Introduction to Opera* (EA, W2)

An introduction to some of the major works in the active operatic repertoire. Designed for all students.

MUSI 260 *Introduction to Twentieth-Century Music* (EA)

An introduction to aspects of classical music of the twentieth-century as seen from selected works dating from the late nineteenth-century through the early twenty-first-century. Designed for all students.

MUSI 270 *Survey of Global Musics* (CW, EA, W2)

Develops listening and communication skills through the study of selected folk and classic musics and cultures around the world including those of Africa, Asia, Europe, and Native and Ethnic America. Field study, research, written projects, and oral presentations emphasized. No prerequisite, although an introductory music, anthropology, or sociology course may be helpful. Offered in alternate years.

MUSI 280 *Topics in Music Literature* (EA)

An introduction to individual composers, specific musical genres, or the art music of a particular country. Designed for all students.

MUSI 301 *Introduction to Chromatic Harmony and Twentieth-Century Practices* (EA)

Continues the development of solfege, aural, composition, and keyboard skills and introduces the principles of chromatic and twentieth-century harmony, counterpoint, and structural analysis. Lab. Offered in alternate years. Prerequisite: MUSI 202.

MUSI 302 *Form and Analysis in Western Music* (EA)

Form and analysis of music. Offered in alternate years. Prerequisite: MUSI 301.

MUSI 310 *Conducting* (EA)

A study of the basic principles and techniques of conducting with emphasis on manual technique. Offered in alternate years. Prerequisite: MUSI 202 or permission of instructor.

MUSI 340 *Choral Literature and Techniques* (EA)

A study of choral literature, choral programming, selected conducting problems in choral music, and various aspects of administration related to choral ensembles. Offered as needed. Prerequisite: MUSI 310 and permission of instructor.

MUSI 350 *Instrumental Literature and Techniques* (EA)

A study of instrumental music literature, performance practice, conducting, and pedagogy. Offered as needed. Prerequisite: MUSI 310 and permission of instructor.

MUSI 360 *Instrumental Methods* (EA)

A study of instrumental performance techniques for winds, strings, and percussion. Offered as needed.

MUSI 370 *Composition I* (EA)

Introduces principles of compositional craft, listening skills, and musical philosophies and develops musical creativity through written projects, score study, readings, and listening assignments. Required before the senior year for students pursuing a senior project in composition. Offered in alternate years. Prerequisite: MUSI 201 and permission of instructor.

MUSI 380 *Composition II* (EA)

Continuation of MUSI 370. Offered in alternate years. Prerequisite: MUSI 370 and permission of instructor.

MUSI 401 *Medieval, Renaissance, and Baroque Music* (EA, HP, W2)

A study of the history and literature of Western art music from Antiquity through the Baroque period. Offered in alternate years. Prerequisite: Permission of instructor or either MUSI 101 or MUSI 150.

MUSI 402 *Classic, Romantic, and Modern Music* (EA, HP, W2)

A study of the history and literature of Western art music of the late eighteenth through early twenty-first-centuries. Offered in alternate years. Prerequisite: Permission of instructor or either MUSI 101 or MUSI 150.

MUSI 430 *Orchestration* (EA)

Introduces the standard orchestral instruments, and techniques and characteristics of effective writing for various instrumental combinations. Offered every four years. Recommended elective for students pursuing a senior project in composition. Prerequisite: MUSI 202.

MUSI 440 *Counterpoint* (EA)

Development of principles introduced in MUSI 202 using a standard

species approach to contrapuntal techniques. Offered every four years. Recommended elective for students pursuing a senior project in composition or music theory. Prerequisite: MUSI 202.

MUSI 497 *Senior Seminar*

A culminating seminar course for music majors intended to synthesize analytical techniques, stylistic sensitivity, and interpretive or creative skills. Emphasis on oral and written communication. A primary focus will be the preparation of the senior project. Prerequisite: senior standing.

Lessons and Ensembles

Students interested in taking private music lessons and/or participating in any music ensemble should not pre-register. Instead, they should contact the appropriate member of the music faculty during the week of orientation and registration in the fall or during the first week of classes in the spring. Ensembles and lessons are open to all Hendrix students regardless of major.

The grade earned in each semester of a Music Activity class is included in the computation of the student's grade point average. However, to receive one complete course credit towards graduation, students must complete either

- a. four activity courses at the 200- or 300-level, or
- b. two activity courses at the 400-level, or
- c. one activity course at the 400-level and two at the 200- or 300-level.

A complete course credit earned in this manner may be used to satisfy the Expressive Arts Domain, except in the case where the student has opted to take a MUSA 300 private lesson on a credit-only basis with no grade.

Any number of individual activity courses may be taken by a student. However, non-music majors may count only two course credits from music activity courses toward graduation. Music majors may earn up to two additional course credits toward graduation (for a total of four) from music activity classes.

The following music ensembles are open to all students by permission of the instructor. No credit is offered for participation in these ensembles.

Chamber Chorale. Chosen from the membership of the Choir, the Hendrix College Chamber Chorale is a small select group that specializes in vocal chamber works from the Renaissance to the present. The Chamber Chorale rehearses two hours weekly. Prerequisite: concurrent participation in Choir.

Women's Ensemble. Open to all women without audition, the Women's Ensemble performs music of all styles for treble voices. The ensemble rehearses two hours weekly.

Opera Scenes. The Music Department presents a recital of operatic scenes each spring.

Jazz Ensemble. The Hendrix College Jazz Ensemble is open to musicians interested in performing jazz literature that ranges from big band arrangements to progressive jazz. The ensemble rehearses ninety minutes weekly. Prerequisite: concurrent participation in Wind Ensemble except for guitar.

Chamber Players. Chamber music ensembles at Hendrix such as string quartet, brass quintet, woodwind quintet, and percussion ensemble. Corequisite: Concurrent participation in wind ensemble or orchestra.

Pep Band. Performs at home basketball games.

MUSA 100 Recital Attendance

In order to broaden their understanding of the protocol and challenges of concert work and to gain a deeper acquaintance with the literature, music majors are required to attend a minimum of seven department-sponsored concerts and recitals during each of six semesters. Although no course credit is awarded for this requirement, attendance will be monitored, and each successfully completed semester will be recorded on the student transcript.

MUSA 200 Music Ensembles (EA)

MUSA 200 activity courses must be taken for a grade.

Choir. Open to all students by audition, the Choir performs standard choral repertoire from all stylistic periods. The ensemble performs both on campus and on tours within Arkansas and to neighboring states. The Choir rehearses 80 minutes three times weekly.

Chamber Orchestra. The Hendrix College Chamber Orchestra is

open to orchestral string, wind, keyboard, and percussion instrumentalists with appropriate music background and reading skills. The group performs classical repertoire from all orchestral style periods on at least one concert each semester. The Chamber Orchestra rehearses 80 minutes three times weekly.

Wind Ensemble (Band). Open to all woodwind, brass, and percussion players on the campus, the Hendrix Wind Ensemble (Band) performs a wide variety of standard wind-ensemble and symphonic-band literature, orchestral transcriptions, and popular arrangements. The ensemble performs both on campus and on tour in Arkansas and surrounding states. The Wind Ensemble rehearses 80 minutes three times weekly.

Accompanying. Piano students may receive MUSA 200 credit if they rehearse and accompany lessons for at least four hours each week during the course of a semester.

MUSA 300 *Applied Music* (EA)

One half-hour instruction weekly. Fee: Private instruction—\$150 per semester; class instruction \$100 per semester. Fee will be waived for students who must study piano or voice in order to complete MUSI 201 or MUSI 202 successfully. Private and class instruction in piano, organ, classical guitar, voice, and string, wind, and percussion instruments. Adequate piano proficiency is a prerequisite for organ study. Three hours practice (30 minutes daily for six days) required each week. Nonmajors and music majors taking MUSA 300 in a secondary area may elect to take MUSA 300 on a credit-only basis. In this case the student must declare intention to take this course for credits only within the first two weeks of the semester at the Office of the Registrar. All other policies regarding Credit Only courses also apply.

MUSA 400 *Applied Music* (EA)

One hour instruction weekly. Fee: \$300 per semester. Private instruction in piano, organ, classical guitar, voice, and string, wind, and percussion instruments. Adequate piano proficiency is a prerequisite for organ study. Six hours practice (60 minutes daily for six days) required each week.

Students may enroll in MUSA 400 only after successful completion of an audition before the music faculty. MUSA 400 is intended primarily for music majors and minors. After successful completion of the audition, nonmajors may enroll in MUSA 400 if there is space available. MUSA 400 must be taken for a grade.

Proficiency

All music majors are required to pass proficiency examinations in piano, solfege, and aural skills. Music majors are required to attempt these exams no later than the semester in which MUSI 302 is completed. Students who are unable to pass the piano proficiency exam are required to study piano and take the proficiency examination each successive term until this requirement is met. Students who are unable to pass the solfege and aural skills exams are required to take these exams each successive semester until these requirements are met. No grade will be awarded for MUSI 302 until all three examinations are passed.

PHILOSOPHY

Professors Falls-Corbitt, Schmidt (chair),
and Churchill (on leave)
Associate Professor Ablondi
Assistant Professor Campolo

MAJOR IN PHILOSOPHY

Ten courses distributed as follows:

- PHIL 285 Plato and Aristotle
- PHIL 295 Seventeenth and Eighteenth Century Philosophy
- PHIL 300 Nineteenth Century Philosophy
- PHIL 497 Senior Thesis
- Six other philosophy courses, at least three of which must be 300-level or above. Topics not covered in courses

described below are available to majors through individually arranged independent studies.

MINOR IN PHILOSOPHY

- PHIL 285 Plato and Aristotle
- PHIL 295 Seventeenth and Eighteenth Century Philosophy
- PHIL 300 Nineteenth Century Philosophy
- three other philosophy courses, at least one of which must be 300-level or above.

PHILOSOPHY AND RELIGION MAJOR

A total of ten courses in philosophy and religion to include

- no fewer than four courses in philosophy
- two must be chosen from
 - PHIL 285 Plato and Aristotle
 - PHIL 295 Seventeenth and Eighteenth Century Philosophy
 - PHIL 300 Nineteenth Century Philosophy
- No fewer than four courses in religion
- PHIL 370/RELI 370 Philosophy of Religion
- PHIL 497 Senior Thesis **or** RELI 497 Senior Seminar
- at least four other courses 200-level or above.

Philosophy and Religion majors cannot major or minor in either philosophy or religion.

Courses

PHIL 110 *Introducing Philosophical Questioning (VA)*

Study centering on a particular theme or question. Reading and understanding philosophical texts will be introduced; in discussions and essays philosophical questioning will be practiced.

PHIL 120 *Critical Reasoning*

An investigation into the varieties of reasoning, with concentration on the comprehension, evaluation, and construction of arguments. By analyzing examples of reasoning drawn from everyday life, the media, and different academic disciplines, students will develop the skills and vocabulary required to articulate how reasoning works and to make reasoning an effective tool for gaining knowledge and participating in public discourse.

PHIL 150 *Introduction to Logic*

Emphasis upon the development of a symbolic system for sentential logic. Some aspects of traditional and informal logic receive brief treatment.

PHIL 215 *Ethics and Society* (CW, VA)

The philosophical analysis and evaluation of selected controversies related to the use of law and political systems to create and sustain just social conditions. The typical sort of issues studied would be poverty and world hunger, racism, the death penalty, civil disobedience, and conflicts over the protection of fundamental rights such as freedom of speech, freedom of religion, and privacy.

PHIL 225 *Ethics and Medicine* (CW, VA)

The philosophical analysis and evaluation of selected controversies related to the practice of medicine. The typical sort of issues to be studied would be abortion, termination of treatment, physician-assisted suicide, the use of reproductive and genetic technologies, and the just allocation of limited medical resources.

PHIL 240 *Existentialism* (VA)

An introductory study of existentialism through readings in literature and philosophy. Typically with selections from Kierkegaard and Nietzsche to Heidegger, Sartre, and Jaspers. The modern predicament of the human being will be examined and possible solutions sought.

PHIL 250 *Philosophies of India* (VA)

Presentation of the major philosophies of the Indian sub-continent in their historic and cultural contexts. In addition to readings from the Vedic and Epic periods, the systems of Jainism, Buddhism, Nyaya, Vaisesika, Samkhya, Yoga, and Vedanta will usually be discussed, sometimes with emphasis placed on one school or text.

PHIL 260 *Philosophies of China and Japan* (VA)

Presentation of the major philosophies of China in their historical and cultural contexts, including Confucianism, Taoism, and Buddhism, as well as an examination of neo-Confucianism and the tradition of Zen Buddhism in Japan.

PHIL 267 *Introduction to Gender Studies* (CW)

An investigation, suitable for first or second year students, into the concepts of sex and gender. Areas on inquiry will include: the relationship between sex and gender, the influence of sexual identity on our lived

experience, the roles that sex and gender play in philosophy, education, law, history, and politics. This course is cross-listed with GEND 267.

PHIL 270 *Environmental Philosophy* (CW, VA)

Study of particular themes related to an understanding of the relation of humans to the environment. Some years will focus on a particular area, such as environmental ethics, philosophies of technology, or philosophies of nature.

PHIL 285 *Plato and Aristotle* (VA)

Study of the two great systematic philosophers of ancient Greece, with attention to the development of their thought in subsequent periods and to the contemporary philosophical debates which they influence.

PHIL 295 *Seventeenth and Eighteenth Century Philosophy* (VA)

Study of philosophers and philosophical systems of the Enlightenment: Rationalism, Empiricism, and Kant.

PHIL 300 *Nineteenth Century Philosophy* (VA)

Study of Hegel and the reactions to his system in Marx, Mill, the American Pragmatists, and Nietzsche. Prerequisite: PHIL 285 or 295, or consent.

PHIL 310 *Feminist Thought* (CW, VA)

Study of women's experience under patriarchy and of the philosophical, theological, and social criticisms arising therefrom.

PHIL 315 *Ethics and Relations to Friend, Kin, and Community* (CW, VA)

The philosophical analysis and evaluation of ethical issues pertinent to establishing and maintaining the goods of friendship, family, and community. This course will examine such questions as these: What virtues make flourishing relationships possible? What vices make them impossible? When, if ever, is respecting one another's rights not enough? Is "love" always enough? What are the ethical boundaries of different kinds of love? What moral obligations are entailed by our powers as sexual, procreative beings?

PHIL 330 *Ethical Theory* (VA)

Study and evaluation of the major ethical theories that are structuring the context of our contemporary moral debates, regardless of the concrete issue at stake. The course focuses upon understanding and comparing theories about what principles should guide human action, what kind of living constitutes the truly good life, and in what sense judgments regarding moral value have "objective" answers.

PHIL 340 *American Philosophy* (VA)

Study of particular philosophers or philosophical systems associated with the history of philosophy in the United States and their relations to European philosophies. Recommended: PHIL 295 or 300.

PHIL 360 *Social and Political Philosophy* (VA, W2)

Study and evaluation of the major philosophical theories and controversies shaping our contemporary political debates over such issues as the nature of social and economic justice, the meaning of equality, the limits of individual freedom, the sources of political obligation, and the characteristics of a well ordered society.

PHIL 370 *Philosophy of Religion* (VA)

Study and evaluation of classical and contemporary arguments regarding such issues as the nature and existence of God, the nature of religious faith and its relationship to reason, the meaning and epistemic value of religious experience, the “problem of evil,” and the relationship between religion and morality. Cross-listed as RELI 370.

PHIL 380 *Metaphysics* (VA, W2)

Study of some of the perennial metaphysical topics in philosophy, including identity through time (what makes a table or a person the same table or person from one moment to the next?), universals and properties (is there ‘redness itself’, or are there just red things and if the latter, just what is the status of ‘red’?), realism and anti-realism (does the world exist independent of us and our beliefs about it, and, if so, can we ever know the truth about it?), and existence itself (what exists in our world and what is mere fiction?). Prerequisite: a previous course in philosophy or consent of instructor.

PHIL 385 *Epistemology* (VA)

Study and evaluation of various theories of knowledge and justification. Typically, the debates between internalism and externalism (does knowing something depend on what’s going on in your head or on your environment?) and between foundationalism and coherentism (do we build up our knowledge structure from certain, basic beliefs, or do our beliefs form a self-supporting web?), as well as topics such as a priori knowledge (do we have knowledge of things independent of experience?) and naturalized epistemology (the view that the study of how we come to believe and know things belong to psychology and neuroscience, not philosophy) will be discussed. Prerequisite: a previous course in philosophy or consent of instructor.

PHIL 450 *Philosophy of Science* (VA)

Philosophical issues related to science and the scientific method with readings from Hempel, Popper, Kuhn, and others. Recommended: major in philosophy or science.

PHIL 480 *Philosophy of Mind* (VA)

Study and evaluation of contemporary theories concerning the status of the mind and its contents. Typically, aspects of property dualism, reductive materialism, functionalism, and eliminative materialism will be discussed. Prerequisite: a previous course in philosophy or consent of instructor.

PHIL 490 *Special Topics* (W2)

Selected studies of major philosophers or philosophical concerns. At least one topic will be offered each academic year. Prerequisite: a previous course in philosophy or consent of instructor.

PHIL 497 *Senior Thesis*

Students in consultation with a professor will research, write, and defend a substantial paper on a topic of their choosing. Open only to philosophy and philosophy-and-religion majors in their senior year.

PHYSICS

Professors Bandyopadhyay, Dunn, and Rolleigh (chair)
Associate Professor Wright

MAJOR

13 courses distributed as follows:

Physics (8)

- PHYS 210 General Physics I

or

- PHYS 230 General Physics I (Calculus-based)
- PHYS 220 General Physics II

or

- PHYS 240 General Physics II (Calculus-based)
- PHYS 305 Vibrations and Waves
- PHYS 315 Modern Physics
- PHYS 340 Electronics

or

- PHYS 350 Advanced Experimental Laboratory
- three courses selected from
- PHYS 320 Electrodynamics
- PHYS 330 Quantum Mechanics
- PHYS 370 Thermodynamics
- PHYS 380 Classical Mechanics

Mathematics (3)

- MATH 130 Calculus I
- MATH 140 Calculus II
- MATH 260 Differential Equations

Chemistry (2)

- CHEM 110 General Chemistry I: Chemical Structure and Properties
- CHEM 120 General Chemistry II: Chemical Analysis and Reactivity

Students planning a career in physics or engineering should take all four of PHYS 320, 330, 370, and 380. PHYS 49X, MATH 270, and CSCI 150 are useful preparation for graduate study in physics or engineering. All physics majors should do a research project while at Hendrix. Consult with any physics faculty member about research opportunities.

Senior Capstone Experience

The Senior Capstone Experience for the physics major consists of a comprehensive examination and an oral presentation of a research project

or independent study. Students have two options for the examination. They may either take a national standardized examination (Advanced Physics Graduate Record Examination), or they may take a departmentally-designed examination, for which the student studies a set of questions for two hours, and then delivers a written response to a selection of questions. The grade for the Senior Capstone Experience is based on the examination.

MINOR

- PHYS 210 General Physics I
- or**
- PHYS 230 General Physics I (Calculus-based)
- PHYS 220 General Physics II
- or**
- PHYS 240 General Physics II (Calculus-based)
- PHYS 305 Vibrations and Waves
- PHYS 315 Modern Physics
- MATH 130 Calculus I
- MATH 140 Calculus II
- MATH 260 Differential Equations

Courses

PHYS 110 *Concepts of Space, Time, and Reality* (NS-L)

A conceptual study of the implications of modern physics on how we view space, time, and reality. Includes an introduction to the ideas of relativity and quantum physics. Two hours lecture, two hours lab.

PHYS 135 *Robotics Exploration Studio* (NS-L)

Introduction to mechanical design and computer programming in the context of building and programming mobile robots. Mechanical design topics will include vectors and forces, Newton's Laws, gears, motors, rotational motion, friction, and the design process. Computer science topics will include an introduction to programming, the programming of sensors and motors, and an introduction to artificial intelligence. Other topics include application of scientific method, teamwork skills, technical

writing, and the relationship between the science fiction portrayal of robots and current technological reality. Cross-listed as CSCI 135 Robotics Exploration Studio (NS-L).

PHYS 160 *Astronomy* (NS)

A study of the structure and evolution of the universe. Topics include how astronomers observe and interpret phenomena, models of the solar system, life cycle of stars, and current models of the universe.

PHYS 210 *General Physics I* (QS, NS-L)

Mechanics, heat, and sound. Laboratory course. Calculus not required.

PHYS 220 *General Physics II* (QS, NS-L)

Electricity, magnetism, and optics. Laboratory course. Prerequisite: PHYS 210.

PHYS 230 *General Physics I (Calculus-based)* (QS, NS-L)

Mechanics, heat, and waves. Laboratory course. Co-requisite: MATH 130.

PHYS 240 *General Physics II (Calculus-based)* (QS, NS-L)

Electricity, magnetism, and optics. Laboratory course. Prerequisites: PHYS 210 or 230, and MATH 130; Co-requisite: MATH 140 or consent.

PHYS 305 *Vibrations and Waves* (QS, NS)

Mechanical and electromagnetic waves. Fourier analysis and vector calculus. Prerequisite: PHYS 240; Co-requisite: MATH 240.

PHYS 315 *Modern Physics* (QS, NS-L, W2)

Phenomenological basis of atomic and subatomic physics. Laboratory course. Cross-listed as CHEM 410 Advanced Physical Chemistry. Prerequisite: PHYS 305.

PHYS 320 *Electrodynamics*

Electrostatics, electromagnetic fields, currents, and Maxwell's equations. Prerequisite: PHYS 305.

PHYS 330 *Quantum Mechanics*

Mathematical formalism of quantum theory. The Schrodinger equation and operator algebra. Bound state solutions and angular momentum. Prerequisite: PHYS 305 and 315.

PHYS 340 *Electronics*

Analog circuits, digital circuits, and semiconductor devices. Prerequisite: PHYS 305.

PHYS 350 *Advanced Experimental Laboratory (W2)*

Selected experimental work in nuclear and particle physics, condensed matter physics, electronics, optics, mechanics, and measurement techniques. Prerequisite: PHYS 305.

PHYS 370 *Thermodynamics*

The laws of thermodynamics, classical and quantum distribution functions, and an introduction to statistical mechanics. Prerequisite: PHYS 305.

PHYS 380 *Classical Mechanics*

Central force problem, Lagrangian and Hamiltonian formalisms, and special relativity. Prerequisite: PHYS 305.

PHYS 490 *Topics in Physics*

Topics will be determined by student and faculty interest. Possible topics may include: nuclear/particle physics, condensed matter, lasers and optics, statistical physics, mathematical methods. Prerequisite: PHYS 305 and consent.

POLITICS

Professors Cloyd and King

Associate Professors Barth and Maslin-Wicks (chair)

MAJOR

Eleven courses distributed as follows:

- POLI 100 Issues in Politics
- POLI 400 Research Methods
- POLI 497 Senior Research Seminar
- Political Theory: TWO from
 - POLI 240 History of Western Political Thought
 - POLI 245 American Political Thought

POLI 300 Feminist Political Thought
POLI 410 Topics in Political Theory
HIST 370 Communism, Fascism, and Democracy

- American Politics: TWO from
POLI 130 American State and Local Government
POLI 205 Southern Politics
POLI 220 American Political Parties and Elections
POLI 230 Public Administration
POLI 235 Public Policy
POLI 305 Arkansas Politics: Seminar
POLI 306 Arkansas Politics: Practicum
POLI 310 American Presidency
POLI 321 American Constitutional Law: The Federal System
POLI 322 American Constitutional Law: Individual Rights and Liberties
POLI 340 U.S. Congress
POLI 380 Gender, Sexuality, and American Politics
POLI 390 Race and American Politics
POLI 420 Topics in American Politics
- Comparative/Global Politics: TWO from
IRGS 400 Senior Seminar
POLI 250 Global Politics I
POLI 251 Global Politics II
POLI 260 Political Economy
POLI 372 China and East Asia
POLI 373 Palestine, Israel, and the Middle East
POLI 430 Topics in Comparative Politics
POLI 440 Topics in Global Politics
- Electives: TWO additional courses numbered 200 and above.

Senior Capstone Experience

The Senior Capstone Experience for the politics major consists of the successful completion of POLI 497 Senior Research Seminar. The grade for the Senior Capstone Experience is based on the grade in POLI 497 Senior Research Seminar.

MINOR

- POLI 100 Issues in Politics
- one course each from the Political Theory, American Politics, and Comparative/Global Politics subfields
- plus any two other courses in Politics numbered 200 and above.

General Topics Courses

POLI 100 Issues in Politics (SB)

This course is designed to introduce students to the variety of ways that political phenomena can be studied systematically. The faculty member will select a topic as the focus of the course that will then be examined through the lens of the primary subfields the department covers: political theory, American politics, comparative politics, and global politics. Finally, students will gain an introduction to the process of social science research as they participate in a research project related to the topic of the course. Students will receive early exposure to the full scope of the politics discipline as well as begin the process of preparing themselves for research in politics.

POLI 400 Research Methods (SB)

This course examines the methods by which political scientists attempt to better understand political phenomena, with a focus on quantitative methodologies.

POLI 497 Senior Research Seminar (SB, W2)

This seminar course during the senior year is centered around students' independent research projects in the discipline. Departmental faculty and other seniors will give input and critiques as a student completes a significant piece of original research, with a view to formally presenting it at a research conference, e.g., at the National Conference on Undergraduate Research or at a professional political science meeting. Prerequisite: POLI 400.

Political Theory Courses

POLI 240-T *History of Western Political Thought* (VA)

A selective survey from ancient times to the 21st century of the political thought of seminal political thinkers in the Western tradition. Selected thinkers may include, for instance, Plato, Aristotle, Aquinas, Rousseau, Locke, Mill, Marx, Arendt, Foucault, Nietzsche, Rawls, and Habermas. See instructor for definitive selection in any given year.

POLI 245-T *American Political Thought* (VA, W2)

A variety of works will be examined to learn how influential American thinkers have conceptualized political ideas and how their views on the proper organization of American society have changed over time. Particular attention will be paid to the development of the concepts of democracy and equality and to political protest movements in the U. S.

POLI 300-T *Feminist Political Thought* (CW, VA)

An upper level course examining works of political thought that focus on the role of gender in the social and political arenas.

POLI 410-T *Topics in Political Theory* (VA, W2)

This course will include an in-depth treatment of a selected list of issues from the history of political thought and the relevant thought of seminal political thinkers. Issues and theorists might include democratic theory, cyberpolitics, Hannah Arendt, Manuel Castells, Marxism, Postmodernism, the State. Prerequisite: None.

American Politics Courses

POLI 130-A *American State and Local Government* (SB)

An introductory examination of American state and local government and politics, with an emphasis on the study of particular public policy areas in the state and local arena.

POLI 205-A *Southern Politics* (SB)

A study of the political history and contemporary political characteristics

of this distinctive region of the U. S. Topics covered will include the demographic changes that have altered the region's political culture, the persistent impact of race on the South's politics, and the changing role of the region in national politics.

POLI 220-A *American Political Parties and Elections* (SB)

An examination of the role and activities of voters, political parties, and the media on the electoral process in the United States.

POLI 230-A *Public Administration* (SB, CW)

This course examines some of the key issues confronted by a society that has become dependent upon bureaucracy to a substantial degree. As such, we will examine personnel, organization, budgeting, leadership, and privatization.

POLI 235-A *Public Policy* (SB, CW)

An introduction to the process of formulating, implementing, and evaluating public policy in the United States with particular attention to policy devoted to air pollution. A variety of substantive policy areas, such as health care, education, and welfare, will also be examined.

POLI 305-A *Arkansas Politics: Seminar* (SB)

A seminar course focusing on political history, contemporary political patterns, governmental structures, and key public policy debates in the state of Arkansas. Actors in the state's politics and government will provide their perspective to the students both on these issues, during the intensity of a session of the Arkansas General Assembly, and on their vocational choices. Corequisite: Must be taken in conjunction with POLI 306 Arkansas Politics: Practicum.

POLI 306-A *Arkansas Politics: Practicum* (SB)

An off-campus learning experience in which students have ongoing duties with an entity directly involved in the legislative process in Arkansas (an individual legislator, a political party caucus, an interest group, a media outlet, etc.) during a regular session of the Arkansas General Assembly. Corequisite: Must be taken in conjunction with POLI 305 Arkansas Politics: Seminar.

POLI 310-A *American Presidency* (SB)

An upper level course examining the origins and development of the American presidency, as well as the challenges faced by more recent officeholders.

POLI 321-A *American Constitutional Law: The Federal System*

This course considers the contemporary state of constitutional doctrine after 200 years of judicial decisions. Emphasis is placed on theories of constitutional interpretation and on the development of case law in the realms of federalism, the regulatory power of Congress, and the separation of powers among the three federal branches of government.

POLI 322-A American Constitutional Law: Individual Rights & Liberties

A continuation of POLI 321, with emphasis on those decisions concerned with the rights of individuals in such areas as speech, press, religion, privacy, and equal protection of the law. Prerequisite: POLI 321 or consent of instructor.

POLI 340-A U.S. Congress (SB, W2)

An upper level course analyzing the Congress as an institution and its attempt to perform two fundamentally contradictory functions: legislating and representing.

POLI 380-A Gender, Sexuality, and American Politics (CW, W2)

An upper-level seminar course focusing on the impacts of gender and sexuality on politics in the American context. A focus will be on the histories of the women's rights and gay rights movements, examining their similarities and differences.

POLI 390-A Race and American Politics (CW, HP)

An upper-level seminar course focusing on the persistent, yet changing, impact of race on American politics since the Reconstruction era. The course will focus on the interaction between race and electoral politics and the contemporary role of race in shaping American public policy in a variety of realms.

POLI 420-A Topics in American Politics (SB, W2)

A seminar course focusing on a particular topic in the field of American politics or public law of interest to faculty and students in the department.

Comparative/Global Politics Courses

POLI 250-G Global Politics I (SB, CW, W2)

Combining a variety of theoretical approaches to the study of global politics with in-depth analyses of a selection of contemporary global issues, this course and its companion, POLI 251, aim to equip students with an understanding of the expanding array of topics, problems, and

issues that now crowd the global agenda. Such topics may include weapons of mass destruction and their proliferation, globalization, the environment, indigenous peoples, democratization, and much more.

POLI 251-G *Global Politics II* (SB, CW, W2)

Building on POLI 250, this course adds topics, problems, and issues not already addressed in that course. Prerequisites: POLI 250 or consent of instructor.

POLI 260-G *Political Economy* (SB, CW, W2)

Combining the history of the development of political economy globally with an in-depth analysis of contemporary developments and future prognostications, this course aims to arm students of politics with an understanding of how economics intersects with the political world, broadly defined. While the course focuses on politics and economics, it necessarily branches out to touch many other disciplines, from history and religion to sociology and business. The course is relevant for students of both American and global politics. Prerequisites: None.

POLI 372-G *China and East Asia* (SB, CW, W2)

This course will focus primarily on Chinese politics but will also include consideration of the politics of other selected countries in Asia as well as regional issues. Prerequisite: None, but POLI 260 or an Economics course is highly recommended.

POLI 373-G *Palestine, Israel, and the Middle East* (SB, CW, W2)

This course will focus primarily on the Israeli-Palestinian Conflict but will also include consideration of the politics of other selected Mid-East countries as well as regional issues. Prerequisite: None, but POLI 260 or an Economics course is highly recommended.

POLI 430-G *Topics in Comparative Politics* (SB, CW, W2)

An occasional course that will examine the politics of selected countries around the world not usually treated in either POLI 372 or 373, e.g., the European Union, Cuba, South Africa. Prerequisite: None, but POLI 260 or an Economics course is highly recommended.

POLI 440-G *Topics in Global Politics* (SB, CW, W2)

Building on POLI 260, 250, and 251, this occasional course will explore in more depth issues already treated in these courses or address new ones that relate to them. Possible topics might include Technology and Politics, Revolution, Kosovo, Information Age Warfare, Peace and Conflict Resolution. Prerequisite: Either POLI 260, 250 or 251, or consent of instructor.

PSYCHOLOGY

Professor McKenna
Associate Professors Maxwell (chair) and Templeton
Assistant Professors Bruininks and Peszka

MAJOR

A total of 10 courses distributed as follows:

- PSYC 290 Statistics
- PSYC 295 Research Methods

Two courses from Cluster A, at least one of which must have a laboratory:

- PSYC 300 Comparative Animal Behavior
- PSYC 320 Cognitive Psychology
- PSYC 330 Learning
- PSYC 335 Sensation and Perception
- PSYC 360 Behavioral Neuroscience

Two courses from Cluster B:

- PSYC 210 Developmental Psychology
- PSYC 230 Social Psychology
- PSYC 345 Applied Psychology
- PSYC 370 Personality

One course from Cluster C:

- PSYC 380 Psychology Practicum
- PSYC 390 History and Systems
- PSYC 400 Psychology of Gender
- PSYC 420 Advanced Social Psychology
- PSYC 450 Senior Seminar

Three electives from psychology listings at any level.

Statistics is a prerequisite for Research Methods, and Research Methods is a prerequisite for all other laboratory courses in the department.

Senior Capstone Experience

The Senior Capstone Experience for the psychology major consists of the Major Field Achievement Test (MFT) in Psychology, which is intended as an assessment device for senior psychology majors. It consists of 140 multiple-choice items covering the major areas of psychology. The examination is normally taken during the spring semester of the senior year. The grade for the Senior Capstone Experience is based on the student's score on the Psychology MFT.

MINOR

Six courses in psychology, at least three of which must be at the 300-level or above. Note: PSYC 380 Psychology Practicum will not count toward the minor.

General Topics Courses

PSYC 110 *Introduction to Psychology* (SB)

An introduction to the scientific study of behavior and its underlying cognitive and biological processes. Students who have already taken two or more psychology courses at the 200-level or above will not be allowed to take General Psychology.

PSYC 250 *Thinking, Judgement, and Decision-Making*

Examination of the cognitive and motivational bases for thinking, judging, and decision-making, discussed in the context of real-life conflicts and issues. Topics include moral reasoning, intuition, and models of decision-making.

PSYC 290 *Statistics* (QS)

Descriptive and inferential techniques for analyzing research data. Factorial analysis of variance, Chi square, nonparametrics, and experimental design.

PSYC 295 *Research Methods* (W2)

Introduction to the procedures psychologists use to study behavior,

cognition, and emotion. Students will evaluate, design, conduct, and present research. With laboratory. Prerequisite: PSYC 290.

PSYC 365 *Emotion*

Examination of the history of emotion research, as well as specific topics related to emotion such as psychological well-being, physical health, culture, and decision-making. Introduction to research methods specific to the field. Prerequisites: Two of the following courses: PSYC 110, PSYC 210, PSYC 230, PSYC 320, or PSYC 360.

PSYC 385 *Abnormal Psychology*

An overview of the main psychological disorders, focusing on the major scientific theories of their etiology and treatment. Prerequisite: one psychology course.

PSYC 490 *Topics in Psychology*

An in-depth examination of major topics within the discipline. The content and format of this course vary according to the interests of students and faculty. Prerequisite: consent of instructor is recommended.

Cluster A Courses

PSYC 300-A *Comparative Animal Behavior (W2)*

Study of the genetic, developmental, physiological, ecological, and evolutionary bases of adaptive behavior of animals, including humans. With laboratory. Prerequisite: BIOL 160 or both PSYC 295 and BIOL 100. Cross-listed as BIOL 300.

PSYC 320-A *Cognitive Psychology (W2)*

Introduction to the concepts, theories, and methods of cognitive psychology, which is the study of the mind and mental processes. Topics include attention and consciousness, memory, language, cognitive development, and neurocognition. With laboratory.

PSYC 330-A *Learning*

The course uses a behavioral and experimental approach to examine basic forms of learning. Content covers both theory and experimental methodology, maintaining a critical eye toward empirical evidence to support theoretical interpretations. The basic principles of learning will be described first, followed by examples of ways in which these principles

have been applied. Prerequisite: one psychology course.

PSYC 335-A *Sensation and Perception*

Examination of sensory systems and perceptual processing of external stimuli and their relation to psychological and behavioral processes. Particular emphasis will be placed on the nature of the visual system, and comparisons will be made to other special senses.

PSYC 360-A *Behavioral Neuroscience*

The anatomical, physiological, and chemical bases of normal and abnormal behavior are considered, followed by the close examination of specific areas in neuroscience such as motivation, feeding, consciousness, and learning. With laboratory. Prerequisite: PSYC 295 or Biology laboratory course.

Cluster B Courses

PSYC 210-B *Developmental Psychology* (SB)

Overview of the physical, cognitive, emotional, and social development of humans throughout the lifespan.

PSYC 230-B *Social Psychology* (SB)

The influence of interpersonal processes on individual behavior. Methods of research, conformity, attribution, prosocial behavior, attitudes, impression management, environmental factors, and ethics in research. Small group research activities.

PSYC 345-B *Applied Psychology* (SB)

Real world applications of psychological theory and research. Behavior analysis and change strategies in consumer, legal, environmental, industrial/organizational, sport, health, and stress management settings. Topic emphases determined by class interest.

PSYC 370-B *Personality* (SB)

An overview of the major theories of personality with special focus on contemporary personality theory and research.

Cluster C Courses

PSYC 380-C *Psychology Practicum*

A service-learning course that enables students to obtain practical experience in educational or service-oriented community organizations

and institutions. Class meetings include discussion of students' work experiences and selected readings. Prerequisite: junior standing and consent of instructor.

PSYC 390-C History and Systems

Historical roots of contemporary psychology, including the systematic positions of early psychologists. Descartes to present.

PSYC 400-C Psychology of Gender (CW, W2)

Examination of the biological, social, and psychological differences and similarities of females and males, with a focus on the nature/nurture debate within the field. Prerequisites: (a) two psychology courses (excluding Statistics) or consent of instructor; (b) junior or senior standing.

PSYC 420-C Advanced Social Psychology (W2)

Experimental investigation of social behavior, with students working individually and in groups. Current journal literature, field experimentation, methodological difficulties unique to social psychology, critical discussion of student research projects. With laboratory. Prerequisite: Consent of instructor is recommended.

PSYC 450 Senior Seminar in Psychology

Discussions of current and classic controversies in psychology. Contemporary theoretical and research trends, critical assessment of readings, student-guided discussions, and independent analyses of major topics. Content changes annually as a function of participants' interests within the discipline.

RELIGION

Professors Farthing and McDaniel (chair)

Associate Professor Harris

Assistant Professor Flannery-Dailey

RELIGION MAJOR

At least ten courses in religion, including

RELI 110 Religion in a Global Context

and

RELI 497 Senior Colloquium

and at least one course from three of the following categories:

A. World Religions

RELI 210 Native American Religions

RELI 216 Judaism

RELI 220 Advanced Studies in World Religions

RELI 311 Buddhism

RELI 340 World Religions: Contemporary Perspectives

B. Biblical Studies

RELI 123 Introduction to Hebrew Bible

RELI 124 Introduction to New Testament

RELI 240 Biblical Archaeology

RELI 250 Hebrew Prophecy and Wisdom

RELI 300 Dead Sea Scrolls and Apocrypha

RELI 305 Search for the Historical Jesus

C. Christianity

RELI 229 Varieties of Early Christianity

RELI 230 Western Christianity to 1500

RELI 231 Western Christianity since 1500

RELI 336 John Wesley and Methodism

RELI 356 Christian Theology: Contemporary Perspectives

RELI 375 Orthodoxy and Catholicism

RELI 430 Medieval Religion

D. American Religion

RELI 145 History of Religion in America

RELI 343 Religion in Contemporary American Culture

RELI 360 African American Religion

E. Theology and Philosophy of Religion

RELI 346 Modern Christian Theology, 1799-1968

RELI 370 Philosophy of Religion

RELI 390 Advanced Studies in Contemporary Religious
Thought

RELI 420 Death and Eternal Life

F. Religion and Culture

RELI 200 State of the World

RELI 266 Religion and Literature

RELI 315 Advanced Studies in Religion and Culture

RELI 330 Women and Religion

PHILOSOPHY AND RELIGION MAJOR

A total of ten courses in philosophy and religion to include

- no fewer than four courses in philosophy
- two must be chosen from
 - PHIL 285 Plato and Aristotle
 - PHIL 295 Seventeenth and Eighteenth Century Philosophy
 - PHIL 300 Nineteenth Century Philosophy
- No fewer than four courses in religion
- PHIL 370/RELI 370 Philosophy of Religion
- PHIL 497 Senior Thesis **or** RELI 497 Senior Seminar
- at least four other courses 200-level or above.

Philosophy and Religion majors cannot major or minor in either philosophy or religion.

Senior Capstone Experience

At the heart of the Senior Capstone Experience is the course RELI 497 Senior Colloquium, which will involve all senior Religion majors and Philosophy and Religion majors who elect to take the course, as well as Religion minors who choose this course. The Senior Capstone Experience will address the following learning goals:

To understand various theories of religion, as a way of achieving goal one.

- To stimulate thoughtful inquiry and lively discussion on a range of religious issues of interest to us.
- To learn research methods and tools for sifting information and to apply these methods in a senior research project.
- To write well, speak well, and think critically.

MINOR

The Minor in Religion consists of six (6) religion courses, including three (3) at the 300-400-level.

General Courses

RELI 110 *Religion in a Global Context* (VA)

A survey of the basic perspectives and practices of indigenous religions, Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam.

RELI 490 *Topics in Religion*

Intensive analysis of important topics in theological, historical, and biblical studies. Topics will be determined in light of student interest and faculty expertise. Prerequisite: junior standing and two courses in religion or instructor's consent.

RELI 497 *Senior Colloquium* (W2)

A course designed to synthesize studies undertaken in the field of religion. Selected readings in the area of biblical interpretation, religious history, the history of Christian thought, theology, and world religions. Required of all religion majors. Open to nonmajors by departmental consent.

A. World Religions Courses

RELI 210-A *Native American Religions* (VA)

A journey into the religious worlds of the first Americans to find how religion and life coalesced and how the distinctive ways of life of the various tribes produced diverse religious traditions, which were connected by common perceptions of the humans' relationships to the world and to each other. In depth study of selected tribes from a variety of geographic regions will promote an understanding of how the relationship of a people

to a place shapes their worldview and way of life.

RELI 216-A *Judaism* (VA)

An exploration of contemporary forms of Jewish beliefs, practices, thought, and culture. Emphasis is on the ideas and texture of the worldwide Jewish experience in Orthodox, Conservative, Reform and Reconstructionist Judaism, as well as Kabbalah. This course is a deepening and expansion of ideas introduced in RELI 110, which is recommended as a prerequisite, but not required.

RELI 220-A *Advanced Studies in World Religions* (VA)

A focused study of one religious tradition with the aim of acquiring a deeper understanding of its worldview, beliefs, practices, values, and spirituality. Among the religions that will be examined in depth on an alternating basis are: Chinese Religions (Taoism, Confucianism, and Chinese Buddhism), Hinduism, and Islam. May be taken more than once as topics vary.

RELI 311-A *Buddhism* (VA)

An exploration of varieties of Buddhism thought and practice, with particular focus on Zen Buddhism. Includes discussion of Buddhism as an emerging tradition in North America and occasional experiments in Buddhist meditation. This course is a deepening and expansion of ideas introduced in RELI 110, which is recommended but not required as a prerequisite.

RELI 340-A *World Religions: Contemporary Perspectives*

This course introduces students to some of the best of contemporary religious writers from the various world religions. Represented perspectives include Buddhist, Hindu, Muslim, Jewish, Taoist, Confucian, and Native American points of view. In the context of reading their works, various topics are addressed, including (1) the nature of mystical experience; (2) the possibility of life-after-death; (3) the meaning of life, and (4) the responsibility for protecting people, animals, and the earth. Prerequisite: RELI 110 or one upper-level course in a world religion other than Christianity.

B. Biblical Studies Courses

RELI 123-B *Introduction to Hebrew Bible* (LS, HP)

An introduction to the major texts, themes, and history of the Hebrew

Bible or Old Testament that employs tools of modern biblical scholarship. The course examines biblical texts in light of the history and culture of ancient Israel and the Ancient Near East, particularly Mesopotamia and Egypt and also features Jewish and Christian histories of interpretation of selected texts.

RELI 124-B *Introduction to the New Testament* (LS)

An introduction to the texts of the New Testament, with emphasis on historical contexts and methodologies of modern biblical scholarship. The course attempts to immerse students in the experience of the original audience of the New Testament, insofar as that is possible, and therefore includes the student of varieties of early Christianity, Judaism, and Greco-Roman religions.

RELI 240-B *Biblical Archaeology* (SB)

A survey of the methods, results, interpretations, and significance of biblical archaeology. The course considers several archaeological sites throughout Israel, including Megiddo, Masada, Jerusalem, Hazor, Qururan, and Bethsaida and considers the impact of archaeology on our understanding of the Bible. The lab component of the course introduces students to pottery reading and restoration, excavation methods, and mapping and surveying. Students who are unable to fulfill the physical requirements of the lab should speak with the instructor prior to enrolling, as alternate arrangements can be made. The optional summer program, "Hendrix in Israel," is recommended but not required and may be used to fulfill a portion of the research component of the course with the prior approval of the instructor.

RELI 250-B *Hebrew Prophecy and Wisdom* (LS, VA)

A historical, theological, and sociological analysis of the biblical prophets and of the wisdom literature, including Job, Ecclesiastes, and Proverbs. The course has two major foci: 1) an exploration of the messages of the classical prophets and their relevance to ancient and contemporary issues of social justice and 2) an analysis of the prophets' experience through an understanding of their practices, rituals, writings, and socio-cultural roles.

RELI 300-B *Dead Sea Scrolls and Apocrypha* (LS)

A historical and literary survey of Judaism from the close of the Hebrew Bible to the Mishnah, including the Dead Sea Scrolls, Apocrypha, and Pseudepigrapha. The course investigates the diverse forms of Second Temple Judaism, which preceded and influenced both early Christianity and rabbinic Judaism. Special emphasis is placed on understanding the

archaeological and literary remains of the Dead Sea Scroll caves and Qumran community.

RELI 305-B *Search for the Historical Jesus* (HP, LS)

An examination of the current state of research into the question of the historical Jesus, variously characterized as Gnostic sage, apocalyptic prophet, ascetic, rabbi, Greco-Roman philosopher, magician, mystic, or Jewish messiah. The investigation applies literary critical methods to canonical and non-canonical texts and also uses each characterization of Jesus as a window into a specific construct of the history of the first centuries of the common era.

C. Christianity Courses

RELI 229-C *Varieties of Early Christianity* (HP, LS)

An exploration of the varieties of first and second century Christianity and the battle for apostolic authority. The course examines the history and thought of early Christianity as attested in the canonical writings, particularly the Gospels, Paul and Revelation, as well as in numerous non-canonical texts, such as the Gospel of Thomas, Gnostic collections, Montanist writings, and the Valentinian corpus.

RELI 230-C *Western Christianity To 1500* (HP, VA, W2)

The development of Christian thought and institutions from the Apostolic Fathers to the late Middle Ages, with special emphasis on the interaction between the religious and secular dimensions of Western culture.

RELI 231-C *Western Christianity Since 1500* (HP, VA, W2)

A continuation of Western Christianity to 1500, with special emphasis on the Protestant Reformation, the Wesleyan movement, and recent developments in Roman Catholic and Protestant thought.

RELI 336-C *John Wesley and Methodism* (VA, W2)

An examination of pivotal themes in the religious thought of John Wesley (against the background of the Protestant, Catholic, and Orthodox traditions that informed his own theology), followed by a survey of the development of Wesleyan religion in America, with special emphasis on questions of ecumenism, social justice, Methodist responses to trends in Western culture (science, democracy, liberation) during the 19th and 20th centuries.

RELI 356-C *Christian Theology: Contemporary Perspectives*

This course examines selected options within contemporary Christian thought that have emerged since 1965. Kinds of Christian thinking include (1) process theology; (2) ecological theology; (3) feminist theology; (4) African-American theology; (5) Native American theology; (6) Asian American theology; (7) Asian theology; (8) African theology; (9) Latin American theology; and (10) theologies that are shaped from, and out of, dialogue with other world religions, including the Christian dialogues with Judaism and Buddhism.

RELI 375-C *Orthodoxy and Catholicism* (VA, W2)

A survey of central themes in the history, beliefs, and practices of Greek Orthodoxy and Roman Catholicism, followed by a consideration of critical issues facing Orthodoxy and Catholicism in the contemporary world.

RELI 430-C *Medieval Religion* (VA, W2)

A study of the religious dimension of medieval European culture as experienced “from below,” i.e., by laypeople who were not directly involved in formal academic discussion of theological questions. Topics will include mysticism, women’s spirituality, relics, crusades, saints, heretics, and attitudes toward food, sexuality, and the body. Prerequisite: junior standing.

D. American Religion Courses

RELI 145-D *History of Religion in America* (HP, VA)

Historical survey of some of America’s diverse religious traditions, including selected Native American religions. The course examines the historical development of significant denominations of Christianity and Judaism and considers the effects of the American context on religions such as Buddhism and Islam, which contribute to America’s religious pluralism. A key question will be “How has religion shaped the history, culture, and sense of place of the American people?”

RELI 343-D *Religion in Contemporary American Culture* (W2)

An attempt to understand and to analyze what contemporary social institutions, the arts, politics, and philosophy reveal about Americans’ religious experiences and their religious perceptions especially with respect to the nature of human life and of the world in which they live.

RELI 360-D *African American Religion* (CW, VA, W2)

An analysis of the role of religion in the African-American community, along with a survey of key themes in the religious thought of African-Americans from the ante-bellum period to the present, giving special attention to the perspectives of Martin Luther King, Jr., Howard Thurman, James Cone, and Malcolm X. Prerequisites: Junior standing.

E. Theology and Philosophy of Religion Courses

RELI 346-E *Modern Christian Theology, 1799-1968* (VA)

A survey of pivotal developments in the history of Christian theology in the nineteenth- and twentieth-centuries: Protestant Liberalism, the Social Gospel, and Neo-Orthodoxy will be approached through close analysis of the writings of Friederick Schleiermacher, Adolf von Harnack, Walter Rauschenbusch, Karl Barth, Dietrich Bonhoeffer, Reinhold Niebuhr, H. Richard Niebuhr, Rudolf Bultmann, and Paul Tillich, among others.

RELI 370-E *Philosophy of Religion* (VA)

Study and evaluation of classical and contemporary arguments regarding such issues as the nature and existence of God, the nature of religious faith and its relationship to reason, the meaning of religious language, and the relationship between religion and morality. Cross-listed as PHIL 370.

RELI 390-E *Advanced Studies in Contemporary Religious Thought* (VA)

This course examines issues and perspectives in contemporary theology and philosophy as they appear in such topics as religion and science, religion and psychology, the philosophy of Whitehead and process thought. May be taken more than once as topics vary.

RELI 420-E *Death and Eternal Life* (VA, W2)

An examination of the significance of mortality and visions of life beyond death in a variety of religious traditions. The meaning of death and the hope for immortality will be explored in relation to a wide range of perspectives, from an acceptance of death as part of human finitude to religious visions of heaven, hell, purgatory, and reincarnation. Prerequisite: junior standing.

F. Religion and Culture Courses

RELI 200-F *State of the World* (CW)

This course has three aims. The first is to consider problems of environment, poverty, hunger, violence, and the gap between rich and poor. The course begins with a weekend retreat at the Heifer Project International ranch in Perryville, Arkansas, amid which students undergo

the “global village overnight” experience and learn about the philosophy and work of HPI. Students taking the course should be prepared to spend the first weekend at the HPI ranch. Second, the course is an introduction to contemporary religious responses to the “state of the world,” with special attention to spiritual resources offered by the world religions that might help people make constructive differences in the world. Third, the course is a service-learning course, in which the student is required to undertake five hours of volunteer service a week, in order to learn-while-doing.

RELI 266-F *Religion and Literature* (LS, VA, W2)

An exploration of selected fiction, poetry, and certain kinds of nonfiction, such as autobiography and biography, to discern how the artist portrays spiritual experiences and perceptions. Literature from ancient times to the present will be considered. Prerequisite: any course carrying the LS code or permission of the instructor.

RELI 315-F *Advanced Studies in Religion and Culture* (VA)

To examine the relationships of religion to cultural phenomena, this course will focus on one selected topic and will investigate how cultural forces both shape and reveal the attitudes and perceptions about religion and spirituality. The areas that will be explored are religion and film, religion and politics, apocalyptic thought, and religion in the American South. May be taken more than once as topics vary.

RELI 330-F *Women and Religion* (CW)

An examination of assumptions about women’s roles in the world’s religious traditions, with attention to changing roles of women and men, women’s spiritual experiences, and new forms of women’s religious expression.

SOCIOLOGY/ANTHROPOLOGY

Professor Capek
Associate Professor Toth (chair)
Visiting Assistant Professor Brown

The Sociology/Anthropology department reflects the shared intellectual foundations and common areas of inquiry in sociology and anthropology, as well as their distinct disciplinary differences. While the main focus of sociology has been on the range of social relationships in complex societies, anthropology has concentrated on the transformation of traditional societies and cross-cultural comparisons. Today the fields of sociology and anthropology use similar ethnographic and quantitative methods in the investigation of the human condition through space and time in the global context. A joint major aims to recognize those shared disciplinary goals, and the specific emphases honor the uniqueness of each discipline.

MAJOR

Students may take a major in Sociology/Anthropology with an emphasis in either sociology or anthropology. For either, eleven courses are required: five core courses and six electives to be selected from departmental offerings. At least two of the six electives must be from the discipline that is not the major emphasis. Majors in Sociology/Anthropology may not double major in sociology and anthropology.

Emphasis in Sociology

Core Courses:

- SOCI 110 Introduction to Sociology
- SOCI 260 Classical Sociological Theory,

or

- SOCI 410 Contemporary Social Theory
- SOCI 430 Sociological Research Methods
- SOCI 497 Advanced Research/Practicum
- BUSI 250 Principles of Statistics

or

PSYC 290 Statistics

Sociology/Anthropology Electives:

Any four additional sociology courses and any two anthropology courses

Emphasis in Anthropology:

Core Courses:

- ANTH 100 Introduction to Anthropology
- ANTH 300 Ethnographic Methods
- ANTH 400 Anthropological Theory
- ANTH 497 Advanced Research/Practicum
- BUSI 250 Principles of Statistics

or

PSYC 290 Statistics

Sociology/Anthropology and Other Electives:

Any four additional anthropology courses* and any two sociology courses.

* For the Emphasis in Anthropology, up to two elective courses may be counted toward the four anthropology electives, with departmental approval, from other college offerings focusing on culture areas, traditions, history, or religion.

Senior Capstone Experience

The Senior Capstone Experience for the sociology-emphasis major includes the completion of a paper based on an internship or independent research project presented and defended orally in ANTH 497/SOCI 497 Advanced Research/Practicum. In addition, the sociology-emphasis major takes the Major Field Achievement Test (MFT) in Sociology while the anthropology-emphasis major must complete a senior thesis or a departmentally constructed exam. The grade for the Senior Capstone Experience is an average of the grade in ANTH 497/SOCI 497 Advanced Research/Practicum and the grade on the exam or senior thesis.

MINOR IN SOCIOLOGY

Six courses in Sociology are required, including

- SOCI 260 Classical Sociological Theory

or

SOCI 410 Contemporary Social Theory

- and at least two additional sociology courses numbered 300 or above

MINOR IN ANTHROPOLOGY

Six courses in Anthropology* are required including:

- ANTH 400 Anthropological Theory
- and at least two Anthropology courses numbered 300 or above or approved substitutes

* For the anthropology major or minor, up to two elective courses may be applied toward the six in anthropology, with departmental approval, from other college offerings focusing on culture areas, traditions, history, or religion.

Sociology Courses

SOCI 110 *Introduction to Sociology* (SB)

The methods, concepts, and applications of sociological knowledge emphasizing culture, interaction, groups, institutions, order, and change.

SOCI 240 *Sociology through Film* (SB)

The critical analysis of film as a social construction, with particular emphasis on the historical and cultural influences on the creation of meaning in film (and society). Through this framework key sociological ideas will be examined.

SOCI 250 *Gender and Family* (CW, SB)

Comparative family systems and the social construction of gender in a cross-cultural perspective.

SOCI 260 *Classical Sociological Theory* (SB, W2)

Study of the historical development of sociological thought from Europe in 1822 to America in 1931 with emphasis on the cultural context of ideas. Offered in 2004-2005 and alternate years.

SOCI 270 *Racial and Ethnic Minorities* (CW, SB)

A consideration of the evolving patterns of conflict and cooperation among racial and ethnic groups. Major attention is given to the socially constructed nature of group identities based on ethnicity and race; racist ideologies, prejudices, stereotypes and various forms of discrimination; as well as the ongoing struggles for social justice.

SOCI 300 *The Urban Community* (CW, SB)

Emphasis on a sociological understanding of urban and community processes. Topics of special interest include the political economy of

cities, growth, housing, urban revitalization, architecture and use of space, design for sustainability, and cross cultural comparisons.

SOCI 360 *Social Change/Social Movements* (CW, SB)

While social change is an enormous topic, this course opens up some major questions relating to the study of social change. It begins with a look at processes of social change in general, and then focuses on the sociological study of organized movements to produce (and resist) social change. Selected past and present movements are included.

SOCI 361 *Sociology of Death* (SB, VA)

The social, emotional, intellectual, and cultural dimensions of death and dying are examined in order to enhance the meaning of human life.

SOCI 362 *Images of the City* (HP)

This course takes an interdisciplinary approach to the study of the city. Using images of the city recorded in literature and the visual arts, it examines the city as a symbol reflecting changing ideas about self and society, social order and change, and the relationship between nature and culture.

SOCI 375 *Environmental Sociology* (CW, SB)

A sociological approach to human-nature relationships, with a focus on social constructions of nature, major social groups that have a stake in defining environmental issues, environmental policy (local and global), the role of technology and of the scientific community in shaping environmental outcomes, the environmental movement and counter-movement, the evolving concept of “environmental justice,” and designs for sustainability.

SOCI 380 *Medical Sociology* (CW, SB)

Sociocultural aspects of medicine including cross cultural comparisons of health care systems; the delivery of medical care; the social organization of medical training, practice, and research; the doctor-patient relationship; political, legal, technological, and ethical environments of medicine; stratification by gender, race, and class; and the social experience of illness.

SOCI 390 *Social Inequality* (CW, SB)

How and why power, wealth and prestige are unequally distributed in terms of gender, race, and social class. Ideological justifications, the

consequences for individuals and societies, and the personal and public strategies employed to address the problems associated with structural inequality are considered.

SOCI 410 *Contemporary Social Theory* (SB, W2)

An exploration of contemporary social theorists using a “sociology of knowledge” approach, which links social circumstances and intellectual developments. The approximate period covered will be World War I to the present. Offered in 2005-2006 and alternate years. Prerequisite: SOCI 110 or consent of instructor.

SOCI 430 *Sociological Research Methods* (SB)

An overview of the major research methods used in sociology, including ethnographic fieldwork, social experiments, content analysis, and survey research. The focus is on applied projects as well as on a theoretical understanding of debates over the role of science in social investigation. The prior taking of a statistics course is recommended. Offered in 2004-2005 and alternate years.

SOCI 490 *Selected Topics*

Concentrated study of important social issues. Content and approach will vary according to needs and interests of students and staff. Each course will focus on a single topic. Examples are ethnic identity, population problems, deviant behavior, family violence, work and leisure, Native Americans, technology, sociology of art, mass media, and religious movements.

SOCI 497 *Advanced Research/Practicum* (SB)

In addition to reading about and discussing current issues in sociological and anthropological research and practice, each student will complete an internship or research project in order to apply and demonstrate his or her level of knowledge in the major. Prerequisite: Consent of instructor if not a senior sociology/anthropology major.

Anthropology Courses

ANTH 100 *Introduction to Anthropology* (SB)

Covers the breadth of the discipline through the four subfields of anthropology. An examination of the range of cultural and physical variation of humans throughout time and around the world. Explores cultural diversity and social organization through a look at family, work, ritual, art, economy, and politics and situates American cultures in this global context. A look at the global future.

ANTH 220 *Cultures of India* (CW, SB)

Cultural and environmental diversity of the Indian subcontinent with some historical context. Focus on tensions between religion and secularism, colonialism and independence, caste and gender inequalities, and changing environmental conditions.

ANTH 250 *Visual Anthropology* (CW, SB)

In an increasingly visually-oriented world, this course focuses on the use of photographs and film to represent people from various cultures, as well as the use of film by indigenous groups to represent themselves. We learn about cultures through visual and narrative means, and critically analyze the filmmaking process, as well as other forms of visual media.

ANTH 260 *Indian Pasts* (SB)

How have anthropologists, archaeologists, and museums represented Indian pasts to both academic and popular audiences, and in what ways have Indian groups responded to these efforts? This course will introduce students to the archaeology, ethnohistory, and museum studies of native peoples of the Americas, and encourage them to question conventional assumptions that inform these areas of study.

ANTH 280 *Anthropology of Gender* (SB)

This course traces the development of the study of gender in Anthropology. Key issues to be covered will include the impact of the Feminist Movement on the discipline, women and work, and gender roles and sexualities across cultures.

ANTH 300 *Ethnographic Methods* (SB)

Examines historical development of ethnographic writing through reading of classic and contemporary ethnographies, as well as critical texts on changing ethnographic methods. Field projects using a variety of ethnographic methods. Offered in 2003-2004 and alternate years.

ANTH 320 *Gender and Environment* (CW, SB)

Explores environmental problems and gender-specific impacts in various cultural contexts, including the US. Examines the intersections between gender, local environments, and social inequalities through cross cultural case studies.

ANTH 360 *Global Studies Seminar* (CW, SB)

This course examines some debates about globalization focusing on cultural responses to the rapid transfer of information, technologies, and

economic resources around the world. Field projects will focus on local/global connections and will integrate anthropological theory and methods.

ANTH 370 *Psychological Anthropology* (CW, SB)

A cross cultural perspective on the interrelationships between the person and society with attention to how personality is influenced and expressed through such activities as child rearing, ritual, health care, language, folklore, and art. Prerequisite: SOCI 110, ANTH 100, or consent of instructor.

ANTH 380 *Indian Peoples of the Americas* (SB)

An ethnohistorical and ethnographic examination of some of the issues that confront Indian peoples from the US Southwest to South America today. Key issues to be considered include the response of Indian peoples to European colonialism and imperialism, economic dependency and integration into the global economy, social movements, and identity politics.

ANTH 400 *Anthropological Theory* (SB)

A survey of historical and contemporary theories in cultural anthropology. Inclusion of theoretical contributions from other disciplines such as sociology, literary theory, and feminist theory. Reading of primary texts as well as those influenced by particular thinkers or schools of thought. Offered in 2004-2005 and alternate years. Prerequisite: ANTH 100 or consent of instructor.

ANTH 490 *Special Topics*

Course topics may include in-depth exploration of a particular culture area (such as Southeast Asia or Latin America) or subculture (such as American agricultural workers or urban youth), or other special topics such as The Anthropology of Food, Comparative Mountain Communities, Cultures of the American West, or topics generated by student interest.

ANTH 497 *Advanced Research/Practicum* (SB)

In addition to reading about and discussing current issues in sociological and anthropological research and practice, each student will complete an internship or research project in order to apply and demonstrate his or her level of knowledge in the major. Prerequisite: Consent of instructor if not a senior sociology/anthropology major.

THEATRE ARTS

Professors Binnie and Grace (chair)

Assistant Professor Muse

Adjunct Instructor Richardson

MAJOR

12 courses distributed as follows:

- TART 120 Voice, Articulation, and Text Reading
- TART 140 Beginning Acting
- TART 150 Stage Movement and the Alexander Technique
- TART 210 Script Into Performance: Text Analysis
- TART 220 Theatre Practicum
- TART 260 Theatre Production: Scenery and Lighting
- TART 280 Theatre Production: Costume and Make-up
- TART 310 History of the Theatre and Drama I
- TART 311 History of the Theatre and Drama II
- TART 430 Stage Directing
- TART 450 Production Design
- TART 497 Senior Seminar

Senior Capstone Experience

The Senior Capstone Experience for the theatre arts major consists of three parts. Parts one and two are completed during the Fall Semester and part three is completed during the Spring Semester of the senior year.

Part one consists of an oral presentation, either a lecture demonstration or an acting audition. Part two is either a written paper involving text analysis related to an acting, a directing or design project, or a written/visual presentation of the student's manifesto for theatre. The grade average of these two components is entered on the students transcript but is not calculated in the GPA.

Part three is participation in TART 497 Senior Seminar.

MINOR

Six courses distributed as follows:

- TART 210 Script Into Performance: Text Analysis
- TART 220 Theatre Practicum
- Any one of the following:
 - TART 120 Voice, Articulation, and Text Reading
 - TART 140 Beginning Acting
 - TART 150 Stage Movement and the Alexander Technique
- Any one of the following:
 - TART 260 Theatre Production: Scenery and Lighting
 - TART 280 Theatre Production: Costume and Make-up
- Any one of the following:
 - TART 310 History of the Theatre and Drama I
 - TART 311 History of the Theatre and Drama II
- Any one of the following:
 - TART 390 Playwriting
 - TART 430 Stage Directing
 - TART 450 Production Design

Hendrix Players

Participation in the annual major dramatic productions and in spring-semester Senior Seminar production is open to all Hendrix students. Students who participate in the activities of the Hendrix Players perform in plays that cover a wide range of dramatic literature, build sets and costumes, and participate in other technical aspects of dramatic performance. The activities of the Hendrix Players take place in the Cabe Theatre.

Courses

TART 100 *Introduction to Theatre* (EA)

An introduction to the major theatrical modes, their functions, components, and procedures.

TART 110 *Speech Communication*

Emphasis on intrapersonal, interpersonal, problem solving discussion, and public address.

TART 120 *Voice, Articulation, and Text Reading* (EA)

Focus on freeing the natural voice, the International Phonetic Alphabet, and text reading.

TART 130 *Shakespeare and Performance* (EA, LS)

An exploration of choices made and methods used by Shakespeare in the building and presentation of a dramatic work through selection, analysis, and adaptation of source materials.

TART 140 *Beginning Acting* (EA)

Focus on first problems in acting and on text analysis.

TART 150 *Stage Movement and the Alexander Technique* (EA)

A study of the performer in movement through theatrical space as related to the Alexander Technique.

TART 210 *Script Into Performance: Text Analysis* (EA, LS)

Study and analysis of dramatic texts for the purpose of transforming scripts into theatrical productions.

TART 220 *Theatre Practicum* (EA)

Extensive experience in the production of plays. Theatre Practicum is a special opportunity available to students who seek to create with their fellows the “delicate illusionary reality that we call the theatre.” The department believes that the education of students is enriched by participation in the actual process of creating a performance and by participation in a variety of experiences in that process. The emphasis is on commitment, teamwork, and dedication to the process towards a common goal. (Course extends over three semesters.) Prerequisite: consent of instructors.

TART 240 *Intermediate Acting: Modern Scene Study* (EA)

Focus on the study of modern scenes and techniques. Prerequisite: TART 140.

TART 260 *Theatre Production: Scenery and Lighting* (EA)

Techniques of lighting, sound, scenery and property construction for the theatre.

TART 280 *Theatre Production: Costume and Make-up* (EA)

Techniques of make-up and costume construction for the theatre.

TART 310 *History of the Theatre and Drama I* (HP, LS, W2)

Study of Theatre and dramatic texts from the Classical Era through the Eighteenth Century. Offered in alternate years.

TART 311 *History of the Theatre and Drama II* (HP, LS, W2)

Study of Theatre and dramatic texts from Romanticism through the modern era. Offered in alternate years.

TART 330 *Theatre and the Challenges of the Contemporary World* (CW, W2)

A study of theatrical responses to selected challenges of the contemporary world such as gender, race, ethnicity, and environmental and world citizenship issues.

