

PHIL	230	Greek Philosophers on the Foundations of Knowledge
PHIL	320	Aristotelian Logic
THEO	210	New Testament
THEO	220	Early Christian Theology

**245 Classical Mythology**

Mythology is the embodiment and encoding of the beliefs, principles, and aspirations of ancient cultures. This course provides an interdisciplinary introduction to mythology as an introduction and foundation to Classical civilization. Myths will be examined from a variety of perspectives, including the study of literature in translation, art historical, religion, and history.

**397 Topics**

The subject matter of the course, announced in the annual *Class Schedule*, will vary but will not duplicate existing courses.

**480 Senior Paper**

**0 credit**

During the senior year or earlier majors are expected to write a major research paper with an abstract and to describe the results of their research in a short oral presentation to a panel of faculty. Normally this requirement is accomplished by rewriting and submitting a paper from one of the major field courses. The topic should be chosen in consultation with the program director and should be completed no later than 6 weeks prior to graduation. Papers will be presented to students and faculty at least annually at a symposium.

**475, 476, 477, 478 Experiential Learning**

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

**483, 484, 485, 486 Seminar**

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

**487, 488, 489, 490 Topics**

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**491, 492, 493, 494 Research**

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

**495, 496, 497, 498 Individual Study**

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**East Asian Studies**

Foy (ENGL), adviser

This major and minor is offered by the Associated Colleges of the Twin Cities (ACTC). The purpose of this program is to enable students to acquire a broad interdisciplinary understanding of East Asia, which includes knowledge of an East Asian language, and specialization in upper-division courses.

**Major in East Asian Studies**

A major in East Asian studies consists of 36 credits which must include:

- sixteen credits in an East Asian language
- sixteen credits in East Asian studies (with a minimum of eight credits in upper-division courses)
- one East Asian studies seminar

*Note:* Courses that satisfy these requirements are published annually in The ACTC Joint *Class Schedule*. Each student should develop a plan of studies with the faculty adviser.

**Minor in East Asian Studies**

Eight credits in East Asian language courses

*Plus:*

Twelve credits in East Asian studies courses from the annual list of courses that satisfy the requirement  
See the faculty adviser.

**Environmental Studies (ENVR)**

Hoffman (POL), director; Governance Committee: Degnan (PHIL), Everts (BIOL), Longley (CHEM), Lorah (GEOG), Neuzil (JOMC), Sathe (ACCT), Smith-Cunniën (SOC), Vincent (ECON), Werner (GEOG)

The Environmental Studies program provides students with a broad interdisciplinary background as well as a

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basis for career specialization and practical application and problem solving. The program is based upon an investigation both of the Earth's environment and the wide variety of human interactions with that environment. The program has three basic objectives:

1. to transmit an understanding of environmental problems and their complexities,
2. to motivate productive responses to those problems, both vocational and avocational, based on that understanding, and
3. to foster the development of critical, inquiring minds.

All students majoring in Environmental Studies are required to take 36 credits in core courses, another 24 credits in concentration-area courses, and four credits in an allied course. The core courses are designed to provide the student with a foundation in the physical, social and ethical dimensions of environmental issues. Students graduating with a major in environmental studies will demonstrate their ability to integrate their liberal arts and professionally-oriented education. Students are encouraged, but not required, to take additional courses in writing and computer applications, and should consult the chair of the Environmental Studies Committee for recommendations.

The concentration area consists of a minimum of an additional 24 credits beyond the core. These courses are meant to deepen the student's understanding of the origin and complexity of environmental issues while focusing attention on one particular area of study.

The student may

- (a) choose to specialize in an existing area of study or
- (b) may propose an individually designed concentration program.

In either case, students are required to submit a Concentration Area Proposal to the Governance Committee for approval. The proposal will identify the prospective concentration area, a set of learning objectives, and the concentration area's relationship to the student's environmental interests. Students are strongly encouraged to discuss the formation of their concentration area with the director of the program or another member of the Governance Committee. Committee members can assist students in constructing successful concentration area proposals. Students are required to identify their concentration area by the end of their sophomore year or the first semester of their junior year.

### **Major in Environmental Studies: Concentration Area in the Natural Sciences**

ENVR 151 Humans and the Environment  
ENVR 212 Social Dynamics and the Environment  
ENVR 301 Environmental Ethics  
ENVR 351 Environmental Policy Formation  
ENVR 401 Field Seminar  
GEOL 111 Introductory Geology

*Plus one of:*

BIOL 102 Conservation Biology  
BIOL 201 Diversity and Adaptation

*Plus either:*

CHEM 101 Environmental Chemistry

*or*

CHEM 111 General Chemistry I *and* 112 General Chemistry II

*Plus one of:*

BLAW 351 Environmental Law  
ECON 252 Principles of Microeconomics  
POL 205 Introduction to the American Public Policy Process

*Plus one of:*

MATH 303 Statistics for the Applied Sciences  
QMCS 220 Statistics I

*Plus:*

Concentration area in one of the natural sciences

### **Major in Environmental Studies: Concentration Area in Social Science, Business, or Humanities**

ENVR 151 Humans and the Environment  
ENVR 212 Social Dynamics and the Environment  
ENVR 301 Environmental Ethics  
ENVR 351 Environmental Policy Formation  
ENVR 401 Field Seminar

*Plus one of the three sequences below:*

BIOL 102 Conservation Biology  
 CHEM 101 Environmental Chemistry  
 GEOL 111 Introductory Geology I  
 GEOL 112 Introductory Geology II

*or*

BIOL 201 Diversity and Adaptation  
 BIOL 202 Genetics and Population Biology  
 CHEM 101 Environmental Chemistry  
 GEOL 111 Introductory Geology I

*or*

BIOL 102 Conservation Biology  
 CHEM 111 General Chemistry I  
 CHEM 112 General Chemistry II  
 GEOL 111 Introductory Geology I

*Plus one of:*

MATH 303 Statistics for the Applied Sciences  
 QMCS 220 Statistics I

*Plus:*

Concentration area in one of the social sciences, business, or humanities

**Minor in Environmental Studies**

151 Humans and the Environment  
 212 Social Dynamics of the Environment  
 301 Environmental Ethics  
 351 Environmental Policy Formation

*Plus one of:*

BLAW 351 Environmental Law  
 ECON 252 Principles of Microeconomics  
 POL 205 Introduction to the American Public Policy Process

**151 Humans and the Environment**

A study of the interaction of humans and the environment over time and space; a broad introduction that integrates a variety of social-science perspectives into an understanding of the environment and the relations between humans and nature. Specific topics include ecology, population, economic development, resources and sustainable development. This course fulfills the second-level Computer Competency requirement in the core curriculum.

**212 Social Dynamics and the Environment**

An emphasis on the ways in which people have created, and attempted to solve, environmental problems in different cultural and historical contexts. Examines the roles of the entire spectrum of actors and human communities, including individuals, families, groups and formal organizations, neighborhoods, cities and nations. Students examine how individual dynamics (such as altruism and economic self-interest) and collective dynamics (such as competition, cohesion, social definitional processes and global interdependence) direct humans in their interactions with the environment.

Prerequisite: 151

**295, 296, 297, 298 Topics**

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**301 Environmental Ethics (PHIL 358)**

Consideration of the ethical issues arising from human interaction with the environment, including population pressure, pollution, conservation and preservation. Focus on the grounds of our obligation to resolve such issues; the question of what persons and things are worthy of moral consideration; and the respective roles of individuals, organizations and government in addressing environmental problems. Case studies will be used to trace the implications of various ethical and political theories.

Prerequisite: 151 and PHIL 214

**351 Environmental Policy Formation**

An examination of environmental policy outcomes generated by institutions and organizations, including legis-

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lation, court decisions and administrative decisions. Additional focus on decision-making processes commonly used to assess environment-related legislation, including those rooted in economics and policy analysis.

Prerequisite: 212

### 401 Field Seminar

A capstone course that combines field experience with classroom seminar. Student teams will conduct collaborative, broadly interdisciplinary analyses of selected environmental problems. Field-based projects are chosen by the students in consultation with course instructor. Classroom seminars are used for exchange of information between teams and for discussion of readings pertinent to individual research projects or, more broadly, to the interdisciplinary character of environmental problem-solving. Each team produces a major paper that examines ethical and natural- and social-science aspects of the selected problems.

Prerequisite: 301 and 351 or permission of the instructor

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## International Studies

Papagapitos (ECON), director

This major seeks to give the student a basic understanding of the contemporary international system. It combines study in economics, history and political science with a concentration in one of these fields, along with the study of a foreign language beyond the College's general education requirement. The program enables students to relate international interests to a broad range of careers including government, international business, nonprofit associations and teaching.

Students graduating with a major in international studies should have adequate preparation for their professional lives, and the capacity for intellectually stimulating lives. They will be capable of critical thought and writing in the discipline. They will have pursued opportunities for broader governmental and international experience, and should be well-prepared to undertake post-baccalaureate studies.

### Major in International Studies

ECON 251 Principles of Macroeconomics  
GEOG 113 World Geography  
HIST 112 The Modern World Since 1550  
IDSC 481 Seminar in International Studies  
POL 105 Politics and Government in a Comparative Perspective

#### *Plus:*

Twenty-eight credits from the following list. A student must choose 16 credits from one discipline, and the remaining 12 must include courses from each of the other two disciplines.

ECON 252 Principles of Microeconomics  
ECON 345 Economics of Development and Growth  
ECON 346 Country and Area Studies in Economics  
ECON 348 International Economics  
ECON 349 Comparative Economic Systems  
  
HIST 210 Modern Latin America, 1800 to the Present  
HIST 220 Introduction to Japanese History and Culture  
HIST 313 Europe 1750 to 1945  
HIST 314 Modern Europe since 1945  
HIST 371 History of U.S. Foreign Policy