

441 Topics in Later British Literature (3) W

An in-depth study of some aspect of British literature since the beginning of the 19th century. May be repeated for credit as the topic varies. Prerequisite: any sophomore literature course. Offered intermittently.

442 Topics in American Literature (3)

An in-depth study of some aspect of American literature. May be repeated for credit as the topic varies. Prerequisite: any sophomore literature course. Offered intermittently.

472 Senior Seminar (3) (I)

An in-depth study of some aspect of literature or literary theory. This course is an S.I.E., so the topic and its treatment will have a strong interdisciplinary component. May be repeated as the topic varies. Prerequisite: junior status or consent. Offered intermittently.

483 English Internship (3)

Prerequisites: 18 hours of English and at least one advanced writing course, or consent. Offered each semester.

ENVIRONMENTAL STUDIES

DR. WILLIAM A. GIBSON
 DR. J. CHRISTOPHER HALEY
 DR. LAWRENCE D. HULTGREN, Program Coordinator
 DR. MAYNARD H. SCHAUS, Program Coordinator

Citizens of the 21st century need a truly broad foundation to deal with the complexities of current environmental issues. Environmental Studies is the interdisciplinary major that draws on the diverse perspectives of the liberal arts tradition to provide such a foundation. The program integrates frames of references from the natural and social sciences and the humanities in order to understand the interrelationships between science, society, technology, culture, and nature. This major recognizes the urgency of an interdisciplinary approach to solving problems such as resource depletion, overpopulation, habitat loss, environmental degradation, pollution, and ultimately the loss of biodiversity. It is hoped that this program will engender a critical understanding of the interdependencies of all life and the necessity of moving human society toward sustainability.

Major Requirements

COURSE NUMBER AND TITLE	SEM. HRS.
One of the following: BIO 110 General Botany BIO 111 General Zoology BIO 207 Environmental Biology	4

One of the following: EES 124/125 Evolution of the Earth/Lab EES 130/131 Physical Geology/Lab EES 132/133 Environmental Geology/Lab	4
One of the following: BIO 110 General Botany BIO 111 General Zoology BIO 150 Introduction to Marine Biology BIO 207 Environmental Biology BIO 250 Field Experiences in Biology BIO 285 Plants and Man CHEM 105 Basic Concepts in Chemistry CHEM 117 College Chemistry I EES 124 Evolution of the Earth EES 130 Physical Geology EES 132 Environmental Geology EES 200 Oceanography EES 210 Meteorology EES 250 Field Experiences in Earth and Environmental Science GEOG 111 Physical Geography MATH 106 Statistics	3-4
One of the following: PHIL 101 Individual and Society PHIL 102 Contemporary Moral Issues PHIL 211 Images of "Man" PHIL 212 Types of Ethical Theory RELST 113 Introduction to Religious Studies RELST 116 World Religions	3

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One of the following: GEOG 112 Cultural Geography POLS 111 Introduction to Political Science POLS 210 Introduction to International Relations REC 224 Outdoor Recreation & Education SOC 100 Introduction to Sociology SOC 110 Cultural Anthropology SOC 222 Social Institutions	3	POLS 434 Public Administration POLS 373 Conflict Management PSY 445 Ecopsychology RELST 320 Science and Religion	
MBE 201 Introduction to Macroeconomics	3	ENVS 480 Seminar in Environmental Studies EES 480 Seminar in Earth and Environmental Sciences	OR 1
MBE 202 Introduction to Microeconomics	3	TOTAL	45-49
PHIL/ENVS 304 Environmental Ethics	3	Minor Requirements	
POLS /ENVS 323 Public Policy Analysis	3	COURSE NUMBER AND TITLE (See p. 32 for general minor requirements)	SEM. HRS.
ENVS 400 Environmental Writings	3	One of the following: BIO 207 Environmental Biology BIO 250 Field Experiences in Biology EES 132/133 Environmental Geology/Lab EES 250 Field Experiences in Earth and Environmental Sciences	3-4
Two of the following: BIO 316 General Ecology BIO 355 Marine Biology BIO 375 Topics in Tropical Biology BIO 445 Limnology BIO/CHEM/EES 489 Research in the Natural Sciences EES 320 Energy and the Environment EES 330 Geology of the Appalachians EES 400 Watershed Hydrology EES/CHEM 450 Global Environmental Cycles INST/EES 300 Introduction to Geographic Information Systems	6-9	One of the following: GEOG 112 Cultural Geography MBE 201 Introduction to Macroeconomics MBE 202 Introduction to Microeconomics PHIL 101 Individual and Society PHIL 102 Contemporary Moral Issues PHIL 211 Images of "Man" PHIL 212 Types of Ethical Theory POLS 111 Politics and Literature POLS 210 Introduction to International Relations RELST 113 Introduction to Religious Studies RELST 116 World Religions REC 224 Outdoor Recreation and Education	3
Two of the following: INST 420 The American Wilderness INST 470 Developments in Science and Technology PHIL 372 Beyond the Western Tradition PHIL 402 Thinking about Technology	6		

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SOC 100 Introduction to Sociology SOC 110 Cultural Anthropology SOC 222 Social Institutions		
PHIL/ENVS 304 Environmental Ethics ENVS 400 Environmental Writings	OR	3
POLS/ENVS 323 Public Policy Analysis		3
One of the following: BIO 316 General Ecology BIO 355 Introduction to Marine Biology BIO 445 Limnology EES 320 Energy and the Environment EES 400 Watershed Hydrology EES/CHEM 450 Global Environmental Cycles INST/EES 300 Introduction to Geographic Information Systems		3-4
One of the following: INST 420 The American Wilderness INST 470 Developments in Science and Technology PHIL 372 Beyond the Western Tradition PHIL 402 Thinking about Technology POLS 343 Public Administration POLS 373 Conflict Management PSY 445 Ecopsychology RELST 320 Science and Religion		3
TOTAL		18-20

ENVIRONMENTAL STUDIES COURSES (ENVS)

106 Humans and the Environment (3) (E) (Winter Session)

Deals with environmental problems that confront contemporary society. Basic ecological principles which are pertinent to current environmental issues are emphasized. Designed for non-science majors. Offered in selected Winter Sessions.

304 Environmental Ethics (3) (V)

Identical to PHIL 304.

323 Topics in Public Policy Analysis (3) (S) W

Identical to POLS 323.

400 Environmental Writings (3) (I) W

A study of many of the important environmental writings and how they have shaped our understanding of the relationship between humans and nature. Prerequisite: senior/junior status. Offered spring of odd-numbered years.

470 Internship in Environmental Studies (3)

An intensive study of the environment through on-site field experience. Placements involve hands-on experiences in the environmental field, such as education, grassroots activism, public policy, and habitat management. Students are expected to devote a minimum of at least 120 hours for three semester hours, but some placements may require more time. Students must coordinate their internship placement with the supervising faculty member at least two months prior to placement. Pass/fail grading. Prerequisites: junior/senior status and consent. Offered each semester.

480 Seminar in Environmental Studies (1)

An advanced seminar on various announced topics in environmental studies. Topics may include, but are not limited to: ethics and the environment; conservation of biodiversity; risk assessment; urban planning; habitat mitigation; environmental monitoring; environmental policy; and sustainable development. May be repeated for credit as topics change. Prerequisite: junior/senior status and consent. Offered spring of even-numbered years.

FIRST-YEAR EXPERIENCE

DR. LISA P. CARSTENS, Coordinator

A liberal arts education combats ignorance, narrow-mindedness, and shortsightedness by promoting intellectual inquiry and compassionate judgment. Such critical inquiry involves asking and exploring complex questions for which no easy answers exist—questions such as, how do we address community energy needs without doing environmental harm? What constitutes a “just war?” What’s the difference between art and propaganda? Liberal