

ENVIRONMENTAL STUDIES MINOR
2003-2005 CATALOG UPDATE
Changes effective 2004-2005

Each student will submit a Learning Plan to the Environmental Studies Committee, normally completed in the Introduction to Environmental Studies course, detailing:

- ❖ Elective courses to be taken for the minor
- ❖ A proposal for the student's capstone project

Minor Requirements:

- 1) Successful completion of six courses (16 credit hours minimum), consisting of two required courses and four elective courses
- 2) Successful completion of the capstone project
- 3) At least three courses (seven hours minimum) at the 300-level or above
- 4) A maximum of two courses may also count for major and/or JINS requirements

Required Courses:

ENVS 200 Introduction to Environmental Studies (3 hours)

ENVS 480 Seminar in Environmental Studies (1 hour)

Elective Courses:

Students will select four elective courses representing at least three of these four categories: Science, Social Science, Humanities, and Interdisciplinary.

1. Science:

AGSC 212	Principles of Soil Science
AGSC 311	Plant Nutrition
AGSC 410	Soil Conservation and Management
AGSC 414	Agricultural Policy
AGSC 415	Ethical Issues in Sustainable Agriculture
AGSC 416	Advanced Topics in Agronomy (Integrated Pest Management)
AGSC 422	Grazing Animal Ecology
BIOL 301	Introduction to Ecology
BIOL 312	Local Flora
BIOL 316	Entomology
BIOL 317	Economic Botany
BIOL 343	Oceanography
BIOL 363	Human Ecology
BIOL 364	Invertebrate Zoology
BIOL 444	Independent Studies (Expanding Environmental Consciousness)
BIOL 501	Limnology
BIOL 502	Biometry
BIOL 506	Ornithology
BIOL 510	Ecology
CHEM 222	Introduction to Quantitative Analysis
CHEM 322	Instrumental Analysis
NASC 140	Physical Geology
SA NOR 300	Environmental Science in Norway
SA CAR 300	Natural and Cultural History of St. Eustatius Island
SA	Environmental Studies in Bali (through U. of Western Australia)

2. Social Science:

ECON 307	Natural Resources Economics
GEOG 310	Environmental Geography
SOAN 320	World Pre-History

3. Humanities:

ENG 226	World Literature: Topics (approved by topic)
ENG 246	British Literature: Topics (approved by topic)
ENG 266	American Literatures: Topics American Landscape American Literature in the Biosphere And other approved topics
ENG 329	Topics in Non-Fiction Prose (approved by topic)
ENG 498	Senior Seminar: Ecocriticism (and other approved topics)
ENG 503	Gender Studies: Ecofeminism (and other approved topics)
ENG 621	American Studies (approved by topic)
PHRE 386	Studies in Philosophy and Religion (Environmental Ethics)

4. Interdisciplinary:

JINS 330	Environmental Economics: Issues and Politics
JINS 335	Ecology Versus Land Use
JINS 336	The Environment (template): Border Crossings in South and Southeast Asian Forests Change in the Great Plains After Lewis and Clark Waterworld: Human Influences on Ecosystems The Neotropics in Science and Literature

Capstone:

The capstone experience for each student will consist of two components:

- ❖ A project completed outside of class (*e.g.*, as an extension of one of the four elective courses, an internship, research, or volunteerism)
- ❖ Completion of the required Seminar in Environmental Studies

Course Description:

ENVS 200 Introduction to Environmental Studies (3 hours)

Students will study a variety of perspectives on humans and nature, examining questions such as, “Do non-human species, or features of the landscape, have intrinsic value?” and “Can (scientific) knowledge affect human behavior?” Students will attempt to develop an understanding of the resources offered by humanities scholars and social and natural scientists for addressing such questions. Data-driven assessments available from scientists will be examined to characterize the state of our planetary inheritance. Particular topics addressed include, for example, food production, loss of biological diversity, and energy generation/use. Public policy (including economic, cultural and sociological considerations) regarding these and other environmental issues like proliferation of industrial pollutants and conservation of endangered species will also be addressed. This course is intended to facilitate informed, critical, interdisciplinary reflection on central issues pertaining to the environment, in part by increasing empirical knowledge of these issues.