

Environmental Studies

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Bruce Fleury, Ecology and Evolutionary Biology

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John McLachlan, Center for Bioenvironmental Research

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Brian Potter, Political Science

Molly A. Rothenberg, English

Thomas W. Sherry, Ecology and Evolutionary Biology

Emilson Silva, Economics

Laura Steinberg, Civil and Environmental Engineering

Teresa Toulouse, English

Scott W. Wall, Architecture

COORDINATE MAJOR

The major in Environmental Studies must be coordinated with a separate major in a traditional discipline. This traditional discipline is the primary major which determines whether a student earns a B.A. or a B.S. degree. The Environmental Studies major is interdisciplinary, seeking to inform students of the scientific, political, economic, social, historical, and cultural dimensions of ecological issues.

The Environmental Studies curriculum has core areas in which courses must be taken. Though a number of courses within each core are required of all students, other courses satisfying the core requirements, as well as electives, are selected in consultation with the advisor. Students choose between two tracks, Environmental Science or Environmental Policy. Students must complete all courses in each major for a total of at least 18 different courses in the two majors.

ENVIRONMENTAL SCIENCE

The Environmental Science Track (ENSS) consists of 13 courses, eight from science and five from social science and humanities.

Natural Science

All of the following:

CHEM 107/117 General Chemistry I

CHEM 108/118 General Chemistry II

CHEM 241/243 and CHEM 242/244 Organic Chemistry I & II or CHEM 250 Environmental Chemistry

EEOB 101/111 Diversity of Life

EEOB 404/414 General Ecology

Physical Science

Two of the following:

EENS 111 Physical Geology

EENS 202 Environmental Geology

PHYS 121& 122 Introductory Physics I & II or PHYS 131& 132 General Physics I & II

Natural Science Elective

One of the following:

EENS 625 Isotopes in the Environment

EEOB 204 Conservation of Biological Diversity

EEOB 420 Ornithology

EEOB 406 Stream Ecology

Social Science

Both of the following:

ECON 101 Introduction to Microeconomics

ECON 333 Environment and Natural Resources

Public Policy and Regulation

One of the following:

(Social Science)

POLA 423 Environmental Politics

POLC 434 Latin American Environmental Politics

POLI 462 Global International Env Politics

(Science)

EEOB 260 Natural Resource Conservation Theory and Practice

EEOB 360 Forestry and Policy

Social Science and/or Humanities

Two of the following:

(Humanities)

COLQ H301 Science and Human Values

COMM 351 Environmental Communications

COMM 420 Organizational Issues Management

ENLS 486 Nature Writing: American Nature/American Culture

PHIL 334 Humanity's Place in Nature

PHIL 652 Environmental Ethics

(Social Science)

ANTH 370 Ecological Anthropology

SOCI 160 Environmental Sociology

(One of the following may be substituted for a course in the Social Science and/or Humanities group).

ENST 401 Special Project

ENST 456, 457 Internship

ENST 491, 492 Independent Studies

ENST 499, 500 Honors Thesis

See ENST advisor for additional offerings.

ENVIRONMENTAL POLICY

The Environmental Policy Track (ENSP) consists of 13 courses, five from the math/science and eight from social science and humanities.

Mathematics

One of the following:

MATH 111 Introduction to Probability and Statistics

MATH 121/131 Calculus

Science

Four of the following; two at the 200 level or above

CHEM 107/117 General Chemistry I

CHEM 108/118 General Chemistry II

CHEM 250 Environmental Chemistry

EENS 202 Environmental Geology

EENS 223 Oceanography

EEOB 101/111 Diversity of Life

EEOB 204 Conservation of Biological Diversity

EEOB 377 Mississippi River Basin Colloquium

Social Science

Both of the following:

ECON 101 Introduction to Microeconomics

ECON 333 Environment and Natural Resources

Public Policy, Political Economy, and Regulation

Four of the following:

(Science)

EEOB 260 Natural Resource Conservation Theory and Practice

EEOB 360 Forestry and Policy

(Social Science)

PECN 304 Economics and Policy Making

PECN 301 Intro to Political Economy

POLA 420 Science, Technology and Public Policy

POLA 423 Environmental Politics

POLI 462 Global Environmental Politics

POLC 434 Latin American Environmental Politics

ENST 456, 457 Internship

Social Science and/or Humanities

Two of the following:

(Humanities)

COLQ H301 Science and Human Values

COMM 351 Environmental Communications

ENLS 486 Nature Writing: American Nature/American Culture

PHIL 334 Humanity's Place in Nature

PHIL 652 Environmental Ethics

(Social Science)

ANTH 370 Ecological Anthropology

COLQ H301 Science and Human Values

SOCI 160 Environmental Sociology

See ENST advisor for additional offerings.

ENVIRONMENTAL STUDIES MINOR

(18+ Credits)

One of the following:

EEOB 101/111 Diversity of Life

EEOB 204 Conservation of Biological Diversity

EEOB 404 General Ecology (lecture only)

Both of the following:

ECON 101

ECON 333

Three of the following:

One environmental science

Two environmental social science or humanities course

ENST 360 Forestry, Forested Ecosystems, and Public Policy (3)

Staff. Prerequisites: EEOB 101 or approval of instructor. This course introduces the practice of forestry and forest management techniques common in the U.S. South, examines forestry's positive and negative environmental impacts, and presents the Federal, State, and local laws and policies that affect the management of forests in the United States. Students will be expected to integrate what they know about biology with what they learn about forestry and public policy. Students may not apply this course and EEOB 260 toward the major. Same as EEOB 360.

ENST 377 Mississippi River Colloquium (4)

Staff. Interdisciplinary course dealing with the Mississippi River Basin. The goal is to give students a broad overview of the important social and environmental issues surrounding the river. Same as EEOB 377.

ENST 378 Integral Ecology (3)

Mr. McLachlan, Mr. Zimmerman. This course seeks to provide students with a framework for integrating the organic, ecosystemic, organizational, economic, social, cultural, and individual dimensions of ecological problems. After studying the framework itself, students will utilize it to examine major environmental problems, such as hormone disruptors, urban lead pollution, and introduced species.

ENST 388 Writing Practicum (1)

Staff. Prerequisite: successful completion of the First-Year Writing Requirement. Corequisite: three-credit departmental course. Fulfills the college intensive-writing requirement.

ENST 401 Special Projects (1-3)

Staff. Prerequisite: eight courses in Environmental Studies, usually four from each core. Open to qualified juniors and seniors. Individual studies on an environmental problem.

ENST 456, 457 Internship Studies (3, 3)

Staff. Prerequisites: approval of instructor and Program Director. An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship on TUTOR. (Note: A maximum of six credits may be earned in one or two courses.)

ENST 481, 482 Special Topics (3, 3)

Staff. Courses offered by visiting professors or permanent faculty. For description, consult department.

ENST 491, 492 Independent Studies (3, 3)

Staff. Independent studies in the field of environmental studies.

ENST H499-H500 Honors Thesis (3, 4)

Staff. For especially qualified juniors and seniors with approval of department and the Honors Committee.

* *Non-LAS course. See the college SPC restrictions.*