

Learning Beyond the Classroom

The Environmental Studies Program provides many opportunities for students to learn beyond the confines of the classroom and engage with the unique environmental and cultural communities of New Orleans. Many of the courses offered within the Environmental Studies program include opportunities for field trips to local wildlife preserves, conferences, and local communities to see the environmental and social impacts of Hurricane Katrina.



Students of the Infrastructure of Sustainable Urban Environments course on a field trip at the Super Dome.

Public Service

The program offers many experiences to fulfill the public service requirements, not only through Internships discussed below, but coordinately there are many course based opportunities for students in the Environmental Studies Program. There are different and exciting opportunities each semester.



Students with staff of local non-profit Green Light New Orleans, which provides the New Orleans community with free energy efficient light bulbs.

Past Environmental Studies classes have had the opportunity to work with the Louisiana Bucket Brigade to conduct research to support environmental justice, the Green Project creating an environmental awareness report, and scientists measuring coastal erosion in Grand Isle, Louisiana.

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Internships

Environmental Studies students may receive 4000-level credit for completing a 60-70 hour internship. In the past, students have worked at the Office of Environmental Affairs, Tulane Environmental Law clinic, and local non-profit organizations, like the Gulf Restoration Network. Students may complete internships (uncompensated) for academic credit during both the school year and during the summer months. Please refer to the Center for Public Service website for further details:

<http://tulane.edu/cps/students/internships.cfm>

Other Environmental Programs at Tulane

The **Green Club** is one of Tulane's most active student organizations. Green Club members go on field trips, participate in outreach and education, and do much more.



Green Club Members planting grasses for wetland restoration at Turtle Cove on Lake Maurepas.

The **Office of Environmental Affairs** is the campus greening authority, administering campus recycling and energy efficiency programs. The OEA provides support and some funding for students who wish to design independent studies or research projects that investigate sustainable practices.



Allie Shipp, Environmental Studies major and Recycling Coordinator at the OEA, with winner of the design contest of the reusable mug.

Tulane's **Environmental Law Clinic** is the largest and most active in the country. Beginning in 1989, it has represented more than 180 different community organizations of every size and from every corner of Louisiana. Primarily a training base for law students, the clinic also welcomes undergraduate interns.

The **Center for Bioenvironmental Research at Tulane and Xavier Universities** provides Tulane with research facilities, administrative support, and informational systems that support interdisciplinary environmental research, education, and community outreach.

For information on all of these groups, please visit green.tulane.edu.

Environmental Studies Program



For more information, please visit our website: <http://riptide.me/environmentalstudies>
Or contact Professor George C. Flowers
Director, Environmental Studies Program
Earth and Environmental Sciences
205 Blessey Hall (504-865-5198)
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Curriculum

The mission of the environmental studies program at Tulane is to provide students with a liberal arts education in the fundamental issues that concern relationships of human beings to their physical, biological, ecological, and cultural surroundings. The environmental studies major covers four topical areas which are critical for students to be able to understand these relationships. These topical areas are distribution and conservation of living things; landscapes and seascapes through time; problems and potentialities of built environments; and environmental thought, practice, and policy.



Please visit the office in Blessey Hall, Rm. 205.

Through internships, a required senior capstone, courses throughout several of Tulane's most prestigious schools and colleges, along with opportunities for independent study and honors thesis, the program provides its majors with a comprehensive undergraduate liberal arts education in Environmental Studies.



Environmental Studies alumni with Professors Jack, McCall and Balée at a graduation reception.

Director of Environmental Studies:
George C. Flowers
Department of Earth & Environmental Sciences

Faculty Advisory Committee:
William Balée, Anthropology
Katharine Jack, Anthropology
Michelle Kohler, English
Grant S. McCall, Anthropology
Christopher B. Rodning, Anthropology
Jay Shimshack, Economics
Dana Zartner, Political Science

The major in environmental studies has a credit and distribution requirement. The major requires students to take at least 30 credits of approved course work and a minimum of ten courses in Environmental Studies or courses in related fields listed below. A maximum of three courses may be taken at the 1000-level. The major also requires students to take one course from each of the following five areas:

Distribution and Conservation of Living Things

ANTH 3140 Primate Ecology and Behavior
EBIO 2040 Conservation of Biological Diversity
EBIO 2050 Global Change Biology
EBIO 3040 General Ecology
EBIO 4110 Tropical Ecology
EBIO 4190 Wetlands Ecology
EVST 3910 Topics in Dist. & Conservation of Living Things

Landscapes and Seascapes through Time

ANTH 3430 Archaeology of Cultural Landscapes
ANTH 4210 Seminar in Historical Ecology
ANTH 6430 Archaeology of Cultural Landscapes
EBIO 3710 Historical Ecology of Amazonia
EBIO 6710 Historical Ecology of Amazonia
EENS 2070 Weather and Climate
EENS 2230 Oceanography
EENS 6260 Paleoclimatology
EVST 3570 Mississippi River Colloquium
EVST 3920 Topics in Landscapes and Seascapes through Time
EVST 4210 Seminar in Historical Ecology
LNSP 3300 Natural Landscapes and Built Form

Problems, Potentialities of Built Environments

ACTS 6400 Sustainability and Tectonics
ACTS 6410 Implementing an Ecocentric Architecture
CHEM 2050 Environmental Chemistry
EBIO 2010 Evolution in Human Health and Disease
EENS 2040 Natural Disasters
EENS 3720 Infrastructure of Sustainable Urban Environments
ENHS 6030 Survey of Environmental Health
ENRG 4100 Energy Markets, Economics and Policy
EVST 3930 Topics in Problems, Potentialities of Built Envr
SPHU 2010 Disease Ecology and Public Health Concepts
URST 3100 Urban Geography

Environmental Thought, Practice, and Policy

ANTH 3560 Environmental Archaeology
COMM 3510 Environmental Communication
ECON 3330 Environment and Natural Resources
EENS 2020 Environmental Geology
EENS 2060 Introductory Geography
EVST 3950 Topics in Envr. Thought, Practice, & Policy
PHIL 3340 Humanity's Place in Nature
POLA 4230 Environmental Politics and Policy
SOC 2600 Environmental Sociology

Capstone Courses

EVST 4210 Seminar in Historical Ecology
EVST 4650 Senior Colloquium in Environmental Studies
EVST 4990 Honors Thesis
EVST 5000 Honors Thesis
EVST 6430 Archaeology of Cultural Landscapes

Elective Courses (Five Minimum)

ANTH 3140 Primate Ecology and Behavior
ANTH 3430 Archaeology of Cultural Landscapes
ANTH 3560 Environmental Archaeology
ANTH 3700 Environmental Anthropology
ANTH 3710 Historical Ecology of Amazonia
ANTH 3760 Primate Evolution and Adaptation
ACTS 6400 Sustainability and Tectonics
ACTS 6410 Implementing an Ecocentric Architecture
CHEM 2500 Environmental Chemistry
COLQ 4120 Grand Canyon Colloquium
COMM 3510 Environmental Communication
EBIO 1040 Global Environmental Change
EBIO 2010 Evolution in Human Health and Disease
EBIO 2040 Conservation of Biological Diversity
EBIO 2050 Global Change Biology
EBIO 2100 Introduction to Marine Biology
EBIO 2330 Natural History of Louisiana
EBIO 2600 Natural Resource Conservation: Theory and Practice
EBIO 3040 General Ecology
EBIO 3080 Processes of Evolution
EBIO 3180 Plants and Human Affairs
EBIO 3710 Historical Ecology of Amazonia
EBIO 4110 Wetlands Ecology
EBIO 4270 Population Ecology
ECON 3330 Environment and Natural Resources
ECON 4960 Topics in Environmental Science
EENS 1110 Physical Geology
EENS 1120 Earth History
EENS 1130 Physical Geology Laboratory
EENS 1140 Earth History Laboratory
EENS 1300 Earth as a Living Planet
EENS 1310 Earth as a Living Planet Laboratory
EENS 2040 Natural Disasters
EENS 2060 Introductory Geography
EENS 2070 Weather and Climate
EENS 2230 Oceanography
EENS 3720 Infrastructure of Sustainable Urban Environments
EENS 3800 Environmental Analysis Laboratory
EENS 6260 Paleoclimatology
ENHS 6030 Survey of Environmental Health
ENLS 4010 Literature and Environment
ENRG 4100 Energy Markets, Economics and Policy
EVST 1010 Introduction to Environmental Studies
EVST 1890 Service Learning
EVST 2890 Service Learning
EVST 3050 Environmental Performance
EVST 3570 Mississippi River Colloquium
EVST 3880 Writing Practicum
EVST 3890 Service Learning
EVST 3910 Topics in Distribution and Conservation of Living Things
EVST 3920 Topics in Landscapes and Seascapes through Time
EVST 3930 Topics in Problems, Potentialities of Built Environments
EVST 3950 Topics in Environmental Thought, Practice, and Policy
EVST 4560 Environmental Internship
EVST 4570 Environmental Internship
EVST 4880 Writing Practicum
EVST 4890 Service Learning
EVST 4910 Independent Studies
INHL 6850 Population-Environment Theory and Evidence
LNSP 3300 Natural Landscapes and Built Form
PHIL 3340 Humanity's Place in Nature
PHIL 6520 Environmental Ethics
POLA 4230 Environmental Politics and Policy
POLC 4340 Latin American Environmental Politics
POLI 4620 Global Environmental Politics
PRST 6710 Introduction to Preservation Studies
SOC 2600 Environmental Sociology
SPHU 2010 Disease Ecology and Public Health Concepts
URST 3100 Urban Geography