ENVIRONMENTAL STUDIES (ENST)

ENST 1000. INTRODUCTION TO ENVIRONMENTAL STUDIES. (3 Credits)
This course is designed primarily to meet the requirements of environmental studies and environmental science majors. It provides an interdisciplinary overview of environmental problems from the perspective of their societal causes and effects, introducing students to environmental policy methods in the natural sciences, social sciences, humanities, and applied arts and sciences. Requirements include a 40 page essay blog, three class presentations, and a hands-on learning practicum outside of class (minimum 1 hr per week). Fulfills Environmental Studies and Policy Major Requirements.

ENST 1500. GEOGRAPHICAL INFORMATION SYSTEMS. (1 Credit)
An introduction to Geographical Information Systems used in environmental, social science, business and other disciplines to generate multi-layered digital mapping of environmental and social data. Students use online GIS and GPS (Global Positioning Satellite) resources to complete a mapping project.

ENST 2999. TUTORIAL. (2 Credits)

ENST 3000. ENVIRONMENTAL RESEARCH METHODS. (4 Credits)
Study of interdisciplinary and statistical research methods in environmental studies. Students complete a research project. Students have the option of coordinating their research project with an internship, GIS training, funding and publication submissions, and/or preparation for the senior research thesis course (ENST 4000) required for the environmental studies major. This course fulfills the environmental major requirement in Research and Statistical Methods and the environmental studies minor requirement in Electives. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

ENST 3070. GREEN ARCHITECTURE. (4 Credits)
A studio course in sustainable design practices for public spaces, landscapes, furnishings, or buildings. A major design project is prefaced with environmental research, technical strategies and standards, and in-depth case studies. Portfolio layouts. Field trips, workshops, lab fee, and office hours visits are required. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

Attribute: URST.

ENST 3900. THESIS RESEARCH TOPICS AND METHODS. (2 Credits)
Study of environmental research topics and methods. Students can pursue their research project in preparation for the environmental studies senior thesis, as well as pursue a related internship to be used as a case study in the thesis.

ENST 3999. TUTORIAL. (3 Credits)

ENST 4000. SENIOR THESIS. (4 Credits)
"Environmental Studies and Policy majors only. This capstone course is required for all Environmental Studies and Policy majors in the senior year, i.e., in one of the student’s last two semesters. Using methods in the natural sciences, social sciences, humanities, and applied arts and sciences, students write an interdisciplinary research thesis on an environmental problem. An internship can be used as a case study in the thesis. Environmental Studies & Policy Majors Only.

ENST 4800. ENVIRONMENTAL PROJECT. (4 Credits)
A research or design project on a specific environmental topic under the supervision of a consenting faculty member and with the director’s permission. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

ENST 4900. ENVIRONMENTAL INTERNSHIP. (4 Credits)
Placement in an environmental community service project, organization, government agency, business, or other work project under the supervision of a consenting faculty member and with the director’s permission. A 15-20 page paper consisting of a short bibliography, a report on the intership work, and reflections integrating the internship with previous course work is required. Four-credit courses that meet for 150 minutes per week require three additional hours of class preparation per week on the part of the student in lieu of an additional hour of formal instruction.

ENST 4999. ENVIRONMENTAL TUTORIAL. (1-4 Credits)
Individualized reading and research under the supervision of a consenting faculty member and with the director’s permission.