

# DEPARTMENT OF ENVIRONMENTAL SCIENCES

Previous Degree Requirements: Bachelor of Arts in Environmental Studies

## Natural Science Courses (32 semester hours)

<b>EEES 2010</b>	Introduction to Environmental Studies	3
<b>EEES 2100, 1020</b>	Fundamentals of Geology, Geology laboratory	4, 1
<b>EEES 2150, 2160</b>	Biodiversity, Biodiversity laboratory	4, 1
<b>EEES 3100</b>	Surficial Processes	3
<b>EEES 2500</b>	Computer Applications in Environmental Sciences	1
<b>EEES 3050</b>	Fundamentals of Ecology	3
<b>EEES 3900</b>	Environmental Science Readings and Communication	3
<b>CHEM 1090 or 1100</b>	Basic Chemistry	3
<b>MATH 1180</b>	Mathematics for Liberal Arts*	3
<b>MATH 2600</b>	Introduction to Statistics	3

*\*for students electing the area of concentration in Economics, the Math requirement is either MATH 1320 and 1330 or MATH 1340*

## Social Science Courses (9 semester hours)

<b>GEPL 3900</b>	Environmental Planning	3
<b>PSC 4340</b>	Environmental Policy	3
<b>ECON 3240</b>	Natural Resources Economics	3

*\*PSC 4340, ECON 4240 and GEPL 3900, required for the ENSC degree, may be used to fulfill the 9-hour distributive requirement in this area.*

## Humanities Course Requirement (3 semester hours)

*\*PHIL 3180, required for the ENSC degree, may be counted toward the 15-hour distributive requirement in this area.*

## Areas of Concentration

The Area of Concentration for the Environmental Studies degree can be selected from all non-science departments within the College of Arts and Sciences. Some of the more popular Areas of Concentration have included Political Science, Geography and Planning, Art, Economics and Communications. This requirement is fulfilled by taking at least 21 hours of course work in the department of choice. Most ENST majors elect either Economics, Geography and Planning or Political Science. ENST students should consult with faculty members in their area of concentration, as well as their ENST academic advisor, for advice in selecting appropriate courses.

### Environmental Studies Concentrations:

- [Political Science - American Government](#)
- [Political Science - International Issues](#)
- [Theater and Film Studies](#)
- [Women and Gender Studies](#)
- [Geography and Planning](#)
- [Economics](#)

### I. Political Science: American Government (21 credits)

*In addition to the courses listed above, students electing this area of concentration take:*

a) One of the following:

<b>PSC 1200</b>	American National Government	3
<b>PSC 1400</b>	Current Issues in U.S. Public Policy	3

b) All of the following:

<b>PSC 3260</b>	Government and the Economy	3
<b>PSC 3420</b>	Principles of Public Administration	3
<b>PSC 3500</b>	Principles of Law (or PSC 3510 Constitutional Law)	3
<b>PSC 4250</b>	Intergovernmental Relations	3

c) One of the following:

<b>PSC 4230</b>	The Presidency	3
<b>PSC 4280</b>	US Congress	3

d) And one of the following:

<b>PSC 4330</b>	Health Care Policy	3
<b>PSC 4350</b>	Health Care Delivery Systems	3

## II. Political Science: International Issues (21 credits)

*In addition to the courses listed above, students electing this area of concentration take:*

a) One of the following:

<b>PSC 1200</b>	American National Government	3
<b>PSC 1400</b>	Current Issues in U.S. Public Policy	3

b) All of the following:

<b>PSC 2700</b>	Principles of International Relations	3
<b>PSC 3730</b>	American Foreign Policy	3
<b>PSC 4610</b>	Comparative Government	3
<b>PSC 4710</b>	Theories of International Politics	3

c) And two the following:

<b>PSC 2610</b>	Government of Great Britain	3
<b>PSC 2620</b>	Government of Continental Europe	3
<b>PSC 4630</b>	Government of Europe	3

## III. Theater & Film Studies (21 credits)

*In addition to the courses listed above, students electing this area of concentration take:*

a) All of the following:

<b>FILM 2340</b>	Critical Approaches to Cinema Studies	3
<b>THR 2200</b>	Perspectives on Theater	3

b) Choose 7-10 credits from:

<b>FILM 3420</b>	Third Cinema	3
<b>FILM 3370</b>	Documentary film	3
<b>FILM 3390</b>	History of Video Art	4
<b>FILM 3980</b>	Cinema Studies Topics II	3-4
<b>FILM 4370</b>	Cinema Studies Seminar	3-4

c) And choose 6-9 credits from:

<b>THR 3110</b>	World Theater I	3
<b>THR 3120</b>	World Theater II	3
<b>THR 4110</b>	Contemporary American Drama	3
<b>THR 4900</b>	Special Topics: Theatre & Drama	3

#### **IV. Women & Gender Studies (21 credits)**

*In addition to the courses listed above, students electing this area of concentration take all of the following:*

<b>WGST 1150</b>	Proseminar I	1
<b>WGST 2150</b>	Proseminar II	1
<b>WGST 2980</b>	Special Topics: Women and the Environment	3
<b>WGST 3010</b>	Issues in Women's Studies	3
<b>WGST 4870</b>	Feminisms	3

<b>WGST 4890</b>	Research and Methodologies in WGST	3
<b>WGST 4980</b>	Advanced Topics: Ecofeminism	3
<b>WGST 4940</b>	Internship in WGST	3
<b>WGST 4990</b>	Independent Study in WGST	1

## V. Geography & Planning (21 credits)

*In addition to the courses listed above, students electing this area of concentration should take six of the following courses (please be aware that some of these courses have prerequisites):*

<b>GEPL 3050</b>	Geography of U.S. and Canada	3
<b>GEPL 3420</b>	Quantitative Methods and Mapping	4
<b>GEPL 3440</b>	Population Geography	3
<b>GEPL 3610</b>	Conservation and Resources	3
<b>GEPL 3890</b>	Geographic Research & Natural Disasters	3
<b>GEPL 4060</b>	Geography of Great Lakes	3
<b>GEPL 4110</b>	Geographic Information Systems (the two GIS courses are highly recommended)	4
<b>GEPL 4180</b>	Geographic Information Systems Applications	4
<b>GEPL 4210</b>	Land Use Planning	3
<b>GEPL 4490</b>	Remote Sensing of the Environment	4
<b>GEPL 4500</b>	Digital Image Analysis	4
<b>GEPL 4520</b>	Analytical & Computer Cartography	4
<b>GEPL 4530</b>	Principles of Urban Planning	3
<b>GEPL 4540</b>	Weather and Climate	3
<b>GEPL 4550</b>	Community Economic Development	3

<b>GEPL 4570</b>	Land Development and Planning	4
<b>GEPL 4650</b>	Physical Geography	3
<b>GEPL 4710</b>	Urban Environments	3

## VI. Economics

(As previously noted this concentration has a higher math requirement)

*In addition to the courses listed above, students electing this area of concentration take:*

a) All of the following:

<b>ECON 1150</b>	Principles of Macroeconomics	3
<b>ECON 1200</b>	Principles of Microeconomics	3
<b>ECON 3150</b>	Intermediate Macroeconomic Theory	3
<b>ECON 3200</b>	Intermediate Microeconomic Theory	3

b) Three additional courses at the 3000-4000 level excluding ECON 4910 & 4920

## Internship

All students majoring in ENST participate in environment-related projects with a government agency, University research program, private corporation, non-profit organization, or other approved sponsor. This experience must last for at least 100 hours, and must be approved in advance by an Environmental Studies advisor. A written report on the internship is required. Up to 3 hours of course credit may be granted for the internship by enrolling in EEES 4940 (internship).