ENVIRONMENTAL POLICY (BA)

Well-designed public policies are critical in maintaining and restoring a healthy environment. Public policies influence air and water quality, land use, biodiversity, and public health and shape crucial efforts to fight climate change. Our environmental policy program prepares students to craft and implement public policies that promote ecological conservation, environmental justice, and innovation toward a green economy.

CURRICULUM

Environmental Policy students complete coursework spanning a variety of disciplines pertinent to the understanding of environmental issues.

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Total Hours 57

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Course, Title, Hours

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<td>ENVS 322</td>
<td>Invasive Species</td>
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<td>ENVS 323</td>
<td>Environmental Microbiology</td>
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<td>ENVS 325</td>
<td>Sustainable Agriculture</td>
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<td>ENVS 326</td>
<td>Agroecosystems</td>
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<tr>
<td>ENVS 327</td>
<td>Food Systems Analysis</td>
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<td>ENVS 330</td>
<td>Restoration Ecology</td>
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<tr>
<td>ENVS 338</td>
<td>Climate Change and Human Health</td>
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<td>ENVS 340</td>
<td>Natural History of Belize</td>
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<tr>
<td>ENVS 345</td>
<td>Conservation and Sustainability of Neotropical Ecosystems</td>
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<tr>
<td>ENVS 350A</td>
<td>Solutions to Environmental Problems: Water</td>
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<td>ENVS 350B</td>
<td>Solutions to Environmental Problems: Biogas</td>
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<td>ENVS 350C</td>
<td>Solutions to Environmental Problems: Climate Action</td>
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<td>ENVS 350F</td>
<td>Solutions to Environmental Problems: Food Systems</td>
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<tr>
<td>ENVS 351</td>
<td>Introduction to Sustainability Concepts &amp; Impacts</td>
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<tr>
<td>ENVS 352</td>
<td>Sustainability Assessment &amp; Reporting I</td>
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<td>ENVS 353</td>
<td>Sustainability Assessment &amp; Reporting II</td>
<td></td>
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<tr>
<td>ENVS 354</td>
<td>Sustainability Plan Development &amp; Reporting</td>
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<tr>
<td>ENVS 369</td>
<td>Field Ornithology</td>
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<tr>
<td>ENVS 380</td>
<td>Introduction to Geographic Information Systems</td>
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<tr>
<td>ENVS 381</td>
<td>Advanced GIS Applications</td>
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<tr>
<td>ENVS 385</td>
<td>Introduction to Global Health</td>
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<tr>
<td>ENVS 387</td>
<td>Principles of Ecotoxicology</td>
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<tr>
<td>ENVS 388</td>
<td>Applied Environmental Statistics</td>
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<tr>
<td>ENVS 389</td>
<td>Ecological Risk Assessment</td>
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<tr>
<td>ENVS 391</td>
<td>Environmental Research (with SES approval)</td>
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<tr>
<td>ENVS 395</td>
<td>Environmental Internship (with SES approval)</td>
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<tr>
<td>ENVS 398</td>
<td>Special Topics (with SES approval)</td>
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</table>

**Methods and Analysis**

Select one of the following: 3

- COMM 260: Environmental Journalism
- ENVS 298: Special Topics (with SES approval)
- ENVS 327: Food Systems Analysis
- ENVS 352: Sustainability Assessment & Reporting I
- ENVS 353: Sustainability Assessment & Reporting II
- ENVS 354: Sustainability Plan Development & Reporting
- ENVS 380: Introduction to Geographic Information Systems
- ENVS 381: Advanced GIS Applications
- ENVS 382: Remote Sensing
- ENVS 384: Conservation Economics
- ENVS 388: Applied Environmental Statistics
- ENVS 389: Ecological Risk Assessment
- ENVS 391: Environmental Research
- ENVS 395: Environmental Internship
- ENVS 398: Special Topics (with SES approval)
- ENVS 399: Directed Readings (with SES approval)
- ANTH 317: Ethnographic Methods
- BIOL 335: Intro to Biostatistics
- COMM 231: Conflict Management and Communication
- COMM 234: Interviewing for Communication
- COMM 277: Organizational Communication
- COMM 363: Research Methods in Advertising/Public Relations
- MARK 320: Marketing for Environmental Sustainability
- SOCL 206: Principles of Social Research
- SOCL 301: Statistics for Social Research
- SOCL 302: Qualitative Research
- STAT 203: Introduction to Probability & Statistics
- STAT 303: SAS Programming & Applied Statistics

**Environmental Electives**

Select two of the following: 6

- COMM 260: Environmental Journalism
- ENVS 204: Gender, Health & Environment
- ENVS 207: Plants and Civilization
- ENVS 204: Gender, Health & Environment
- ENVS 207: Plants and Civilization
- ENVS 208: Gender, Health & Environment
- ENVS 209: Plants and Civilization
- ENVS 210: Gender, Health & Environment
- ENVS 211: Plants and Civilization
- ENVS 212: Gender, Health & Environment
- ENVS 213: Plants and Civilization
- ENVS 214: Gender, Health & Environment
- ENVS 215: Plants and Civilization
- ENVS 216: Gender, Health & Environment
- ENVS 217: Plants and Civilization
School of Environmental Sustainability
Graduation Requirements
All SES students are required to complete a foreign language requirement and a writing intensive requirement. The SES language requirement can be fulfilled by 1) earning college credit at the 102-level or above; or 2) demonstrating proficiency via the SES foreign language proficiency examination. The SES writing intensive requirement is fulfilled by successfully completing two Loyola WI courses (max of one per semester). Writing intensive courses have a "W" in the section number.

Additional Undergraduate Graduation Requirements
All Undergraduate students are required to complete the University Core, at least one Engaged Learning course, and UNIV 101. SCPS students are not required to take UNIV 101. Nursing students in the Accelerated BSN program are not required to take core or UNIV 101. You can find more information in the University Requirements (https://catalog.luc.edu/undergraduate/university-requirements/) area.

LEARNING OUTCOMES
• Describe the need for government intervention and the policy process.
• Explain the major US federal environmental laws and international agreements.
• Recognize the role of state and local innovation in environmental policy.
• Engage in environmental policy advocacy, development, and implementation.
• Evaluate the effectiveness of the policy toward environmental sustainability.

SES Shared Learning Outcomes
All SES majors share the following Program Learning Objectives, in addition to their unique major-specific Program Learning Objectives:

1. Articulate the foundational principles of natural and social sciences and humanities essential to solving environmental problems.
2. Critically evaluate the accuracy and credibility of information relating to environmental topics.
3. Employ knowledge and skills to design and implement solutions that contribute to a just and sustainable world.
4. Exemplify the values of environmental and social justice through actions to care for our common home and one another.