SUSTAINABILITY STUDIES MINOR

The program provides an understanding of sustainability, a unifying approach to human and environmental problems. Sustainable businesses, communities, and other organizations seek to design systems in ways that optimize material and energy use to decrease environmental and health problems and to bolster economic vitality and social equity. A growing number of scholars are framing problems and solutions in the language of sustainability, which balances growth and development with justice and environmental stewardship in order to meet today's needs without undermining the ability of future generations to do the same.

Students who major in the B.A. or B.S. environmental degree programs are not allowed to minor in sustainability studies.

Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (https://catalog.unc.edu/undergraduate/degree-requirements/).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENEC/PLAN 330</td>
<td>Principles of Sustainability¹</td>
<td>3</td>
</tr>
<tr>
<td>or ENEC 201</td>
<td>Introduction to Environment and Society</td>
<td></td>
</tr>
<tr>
<td>or ENEC 431</td>
<td>Sustainable Cities: Exploring Ways of Making Cities More Sustainable</td>
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</table>

Four elective courses chosen from the following options: 12

- BUSI 507 Sustainable Business and Social Enterprise¹
- COMM 375 Environmental Advocacy
- ENEC 375 Environmental Advocacy
- ENEC 201 Introduction to Environment and Society¹,²
- ENEC 202 Introduction to the Environmental Sciences
- ENEC/EMES 220 North Carolina Estuaries: Environmental Processes and Problems
- ENEC/GEOG 264 Conservation of Biodiversity in Theory and Practice
- ENEC 305 Data Analysis and Visualization of Social and Environmental Interactions
- ENEC 307 Energy and Material Flows in the Environment and Society
- ENEC/EMES 324 Water in Our World: Introduction to Hydrologic Science and Environmental Problems
- ENEC 325 Water Resource Management and Human Rights¹
- ENEC 350 Environmental Law and Policy
- ENEC 351 Coastal Law and Policy
- ENEC 370 Agriculture and the Environment¹
- ENEC/PLCY 372 Global Environment: Policy Analysis and Solutions
- ENEC/PLCY 373 Confronting Climate Change in the Anthropocene
- ENEC 405 Mountain Preservation
- ENEC 407 Principles of Energy Conversion
- ENEC/PLAN 420 Community Design and Green Architecture
- ENEC 421 Textiles: Environmental Impacts, Issues, and Innovations
- ENEC 432 Environmental Life Cycle Assessment
- ENEC/EMES 448 Coastal and Estuarine Ecology
- ENEC 462 Ecosystem Management
- ENEC/BUSI 463 Corporate Environmental Stewardship
- ENEC/ENVR 470 Environmental Risk Assessment
- ENEC/EMES 471 Human Impacts on Estuarine Ecosystems
- ENEC 473 Business and Finance Fundamentals for Change Makers
- ENEC 474 Sustainable Coastal Management
- ENEC 479 Landscape Analysis
- ENEC 490 Special Topics in Environmental Science and Studies¹
- ENEC 510 Policy Analysis of Global Climate Change
- ENEC/ENVR 522 Environmental Change and Human Health
- ENEC 547 Energy, Transportation, and Land Use
- ENEC/PLAN/ENVR 548 Sustainable Energy Systems
- ENEC/MEJO 565 Environmental Storytelling
- ENEC 567 Ecological Analyses and Application
- ENEC/PLAN 641 Watershed Planning
- ENEC 675 Environmental Communication and the Public Sphere
- ENEC 698 Capstone: Analysis and Solution of Environmental Problems
- ENVR 600 Environmental Health
- GEOG 237 Natural Resources
- GEOG 334 Human Ecology of Health and Disease
- GEOG 370 Introduction to Geographic Information
- PHYS 131 Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
- PHYS 131L Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
- PLAN 246 Cities of the Past, Present, and Future: Introduction to Planning
- PLAN 247 Solving Urban Problems
Sustainability Studies Minor

<table>
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<tr>
<th>PLAN 636</th>
<th>Urban Transportation Planning</th>
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</table>

**Total Hours**

- **Honors version available.** An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- **FY-Launch class sections may be available.** A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

1 If two of these courses are taken, the second course may satisfy the elective requirement.

The minor requires a minimum of 15 credit hours.

See the program page here (https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/#opportunitiestext) for special opportunities.

**Department Programs**

**Majors**

- Environmental Studies Major, B.A. (https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/)
- Environmental Science Major, B.S. (https://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/)
- Dual Bachelor’s-Master’s Degree Programs (https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/#dualdegreetext)

**Minors**

- Environmental Science and Studies Minor (https://catalog.unc.edu/undergraduate/programs-study/environmental-science-studies-minor/)
- Food Studies Minor (https://catalog.unc.edu/undergraduate/programs-study/food-studies-minor/)
- Sustainability Studies Minor (p. 1)

**Graduate Programs**

- Doctor of Philosophy (https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext)
- Master of Science (https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext)
- Master of Arts (https://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programtext)

**Contact Information**

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