# Earth and Environmental Systems

## Requirements for the Major in Environment and Sustainability

The major requires successful completion of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENST 101</td>
<td>Introduction to Environmental Studies</td>
<td>4</td>
</tr>
<tr>
<td>ENST 320</td>
<td>Environment and Sustainability Colloquium</td>
<td>4</td>
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<tr>
<td>ECON 335</td>
<td>Environmental Economics</td>
<td>4</td>
</tr>
<tr>
<td>ENST 421</td>
<td>Environment and Sustainability Capstone</td>
<td>4</td>
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Select two of the following:  
- ARCH 332: Archaeological Resource Management and Policy
- ENST 334: Environmental Policy and Law
- ENST 336: Environmental Land-Use Policy
- FORS 270: Water Resource Policy and Law
- POLS 223: Public Policy
- POLS 248: China's Environmental Crisis
- POLS 260: Political Theory of the Environment
- POLS 313: Environmental Politics and Policy
- POLS 382: International Environmental Policy

Select one of the following:  
- ENST 217: Fundamentals of GIS
- STAT 204: Elementary Statistics

Select one course numbered 200 or above in biology, chemistry, forestry and geology, or physics

Select three additional approved electives to fulfill the designated focus topic

**Total Semester Hours:** 44

## Additional Requirements

A comprehensive examination

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1. ESCI 240 may also be used to satisfy this requirement.
2. Students design their own focus in collaboration with their advisor and two faculty members participating in the program (or two participating faculty if one is their advisor). This focus must contain three courses from a minimum of two departments (preferably three) that have a central theme related to the student’s senior capstone project. Courses in environmental economics and policy not selected to fulfill a requirement, may be applied toward a focus. An appropriate special topics course or independent study (ESCI 444) may also be used to satisfy one of the foci requirements. The Environment and Sustainability Steering Committee must approve each self-designed focus prior to the end of the first semester of the junior year. The ultimate goal of the foci is to provide students with a cohesive interdisciplinary experience while preparing them to complete capstone projects, in collaboration with faculty mentors, that offer substantial research potential.