GLOBAL ENVIRONMENTAL SUSTAINABILITY INTERDISCIPLINARY MINOR

The School of Global Environmental Sustainability (https://sustainability.colostate.edu/) (SoGES) seeks to prepare students to meet today's pressing environmental challenges. Using an interdisciplinary approach within a framework of sustainability, students will be led in innovative research leading to the knowledge and understanding needed to approach and solve problems of the human-environment interaction. SoGES' vision encompasses laying the foundation and defining the principles and practices that will ensure long-term environmental sustainability, while continuing to meet the needs of people around the earth.

Effective Fall 2020

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES 101</td>
<td>Foundations of Environmental Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>GES 470</td>
<td>Applications of Environmental Sustainability</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 362</td>
<td>Global Environmental Politics</td>
<td></td>
</tr>
<tr>
<td>POLS 364</td>
<td>Air, Climate, and Energy Policy Analysis</td>
<td></td>
</tr>
<tr>
<td>POLS 442</td>
<td>Environmental Politics in Developing World</td>
<td></td>
</tr>
<tr>
<td>POLS 462</td>
<td>Globalization, Sustainability, and Justice</td>
<td></td>
</tr>
<tr>
<td>PSY 316</td>
<td>Environmental Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC 220</td>
<td>Environment, Food, and Social Justice (GT-SS3)</td>
<td></td>
</tr>
<tr>
<td>SOC 320</td>
<td>Population-Natural Resources and Environment</td>
<td></td>
</tr>
<tr>
<td>SOC 322</td>
<td>Introduction to Environmental Justice</td>
<td></td>
</tr>
<tr>
<td>SOC 364</td>
<td>Food, Agriculture and Global Society</td>
<td></td>
</tr>
<tr>
<td>SOC 460</td>
<td>Society and Environment</td>
<td></td>
</tr>
<tr>
<td>SOC 461</td>
<td>Water, Society, and Environment</td>
<td></td>
</tr>
<tr>
<td>SOC 463</td>
<td>Sociology of Disaster</td>
<td></td>
</tr>
</tbody>
</table>

**Group B: Biological and Physical Processes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 453</td>
<td>Impacts on Ancient Environments</td>
<td></td>
</tr>
<tr>
<td>BSPM 308</td>
<td>Ecology and Management of Weeds</td>
<td></td>
</tr>
<tr>
<td>BZ 348/MATH 348</td>
<td>Theory of Population and Evolutionary Ecology</td>
<td></td>
</tr>
<tr>
<td>BZ 471</td>
<td>Stream Biology and Ecology</td>
<td></td>
</tr>
<tr>
<td>CHEM 338</td>
<td>Environmental Chemistry</td>
<td></td>
</tr>
<tr>
<td>ERHS 320</td>
<td>Environmental Health–Water Quality</td>
<td></td>
</tr>
<tr>
<td>ERHS 430</td>
<td>Human Disease and the Environment</td>
<td></td>
</tr>
<tr>
<td>ERHS 448</td>
<td>Environmental Contaminants</td>
<td></td>
</tr>
<tr>
<td>ESS 210/G 210</td>
<td>Physical Geography</td>
<td></td>
</tr>
<tr>
<td>GEOL 122</td>
<td>The Blue Planet - Geology of Our Environment (GT-SC2)</td>
<td></td>
</tr>
<tr>
<td>GR 100</td>
<td>Introduction to Geography (GT-SS2)</td>
<td></td>
</tr>
<tr>
<td>GR 204/WR 204</td>
<td>Sustainable Watersheds (GT-SC2)</td>
<td></td>
</tr>
<tr>
<td>GR 410</td>
<td>Climate Change: Science, Policy, Implications</td>
<td></td>
</tr>
<tr>
<td>HORT 171/SOCR 171</td>
<td>Environmental Issues in Agriculture (GT-SS3)</td>
<td></td>
</tr>
<tr>
<td>LAND 220/LIFE 220</td>
<td>Fundamentals of Ecology (GT-SC2)</td>
<td></td>
</tr>
<tr>
<td>LAND 364</td>
<td>Design and Nature</td>
<td></td>
</tr>
<tr>
<td>LAND 444</td>
<td>Ecology of Landscapes</td>
<td></td>
</tr>
<tr>
<td>LIFE 320</td>
<td>Ecology</td>
<td></td>
</tr>
<tr>
<td>NR 120A</td>
<td>Environmental Conservation (GT-SC2)</td>
<td></td>
</tr>
<tr>
<td>NR 130</td>
<td>Global Environmental Systems (GT-SC2)</td>
<td></td>
</tr>
<tr>
<td>RS 351</td>
<td>Wildland Ecosystems in a Changing World</td>
<td></td>
</tr>
<tr>
<td>SOCR 341</td>
<td>Microbiology for Sustainable Agriculture</td>
<td></td>
</tr>
<tr>
<td>SOCR 343</td>
<td>Composting Principles and Practices</td>
<td></td>
</tr>
<tr>
<td>SOCR 440</td>
<td>Pedology</td>
<td></td>
</tr>
</tbody>
</table>

**Group C: Economy and Profitability**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREC 202</td>
<td>Agricultural and Resource Economics (GT-SS1)</td>
<td></td>
</tr>
<tr>
<td>AREC 240/ECON 240</td>
<td>Issues in Environmental Economics (GT-SS1)</td>
<td></td>
</tr>
<tr>
<td>AREC 340/ECON 340</td>
<td>Introduction-Economics of Natural Resources</td>
<td></td>
</tr>
<tr>
<td>AREC 346/ECON 346</td>
<td>Economics of Outdoor Recreation</td>
<td></td>
</tr>
<tr>
<td>AREC 415</td>
<td>International Agricultural Trade</td>
<td></td>
</tr>
</tbody>
</table>
Global Environmental Sustainability Interdisciplinary Minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREC 442</td>
<td>Water Resource Economics</td>
</tr>
<tr>
<td>AREC 460</td>
<td>Ag- and Resource-Based Economic Development</td>
</tr>
<tr>
<td>F 322</td>
<td>Economics of the Forest Environment</td>
</tr>
<tr>
<td>MGT 360</td>
<td>Social and Sustainable Venturing</td>
</tr>
<tr>
<td>NR 425</td>
<td>Natural Resource Policy and Sustainability</td>
</tr>
</tbody>
</table>

**Group D: Skills**

Select at least one upper-division course (minimum of 3 credits) from Group D not taken in another category:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREC 442</td>
<td>Water Resource Economics</td>
</tr>
<tr>
<td>ART 421</td>
<td>Art and Environment</td>
</tr>
<tr>
<td>BZ 348/MATH 348</td>
<td>Theory of Population and Evolutionary Ecology</td>
</tr>
<tr>
<td>CON 450/INTD 450</td>
<td>Travel Abroad-Sustainable Building</td>
</tr>
<tr>
<td>CON 476</td>
<td>Sustainable Practice-Design and Construction</td>
</tr>
<tr>
<td>HORT 344</td>
<td>Organic Greenhouse Production</td>
</tr>
<tr>
<td>HORT 345/SOCR 345</td>
<td>Diagnosis and Treatment in Organic Fields</td>
</tr>
<tr>
<td>HORT 368/LAND 368</td>
<td>Landscape Irrigation and Water Conservation</td>
</tr>
<tr>
<td>LAND 364</td>
<td>Design and Nature</td>
</tr>
<tr>
<td>NR 320</td>
<td>Natural Resources History and Policy</td>
</tr>
<tr>
<td>SOC 320</td>
<td>Population-Natural Resources and Environment</td>
</tr>
<tr>
<td>SOC 463</td>
<td>Sociology of Disaster</td>
</tr>
<tr>
<td>SOCR 440</td>
<td>Pedology</td>
</tr>
</tbody>
</table>

**Upper-Division Elective**

Select 3 upper-division credits from Groups A-D with a subject code not previously taken:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>

**Program Total Credits:** 21