**GLOBAL ENVIRONMENTAL SUSTAINABILITY INTERDISCIPLINARY MINOR**

The School of Global Environmental Sustainability (http://sustainability.colostate.edu/education/minor-global-environmental-sustainability) (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 2016**

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.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<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>
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**Required Courses**

**Group A: Society and Social Processes:** 3

- **AGRI 116/IE 116** Plants and Civilizations (GT-SS3)
- **AGRI 330/PHIL 330** Agricultural and Food System Ethics
- **ANTH 200** Cultures and the Global System (GT-SS3)
- **ANTH 330** Human Ecology
- **ANTH 415** Indigenous Ecologies and the Modern World
- **ANTH 453** Impacts on Ancient Environments
- **ETST 256** Border Crossings: People/Politics/Culture (GT-SS3)
- **GR 100** Introduction to Geography (GT-SS2)
- **GR 320** Cultural Geography
- **HIST 355** American Environmental History
- **HIST 470** World Environmental History, 1500-Present
- **HIST 471** History of Antarctica, 1800-Present
- **HORT 424/SOCR 424** Topics in Organic Agriculture
- **NR 320** Natural Resources History and Policy
- **NR 425** Natural Resource Policy and Sustainability
- **PHIL 320** Ethics of Sustainability
- **PHIL 345** Environmental Ethics
- **POLS 361** U.S. Environmental Politics and Policy
- **POLS 362** Global Environmental Politics
- **POLS 442** Environmental Politics in Developing World
- **PSY 316** Environmental Psychology
- **SOC 220** Global Environmental Issues (GT-SS3)
- **SOC 320** Population-Natural Resources and Environment
- **SOC 322** Introduction to Environmental Justice
- **SOC 364** Agriculture and Global Society
- **SOC 460** Society and Environment
- **SOC 461** Water, Society, and Environment
- **SOC 463** Sociology of Disaster

**Group B: Biological and Physical Processes:** 3

- **ANTH 453** Impacts on Ancient Environments
- **BSPM 308** Ecology and Management of Weeds
- **BZ 348/MATH 348** Theory of Population and Evolutionary Ecology
- **BZ 353/NR 353** Global Change Ecology, Impacts and Mitigation
- **BZ 471** Stream Biology and Ecology
- **ERHS 320** Environmental Health - Water and Food Safety
- **ERHS 430** Human Disease and the Environment
- **ERHS 448** Environmental Contaminants: Exposure and Fate
- **ESS 210/GR 210** Physical Geography
- **GEOL 122** The Blue Planet - Geology of Our Environment (GT-SC2)
- **GR 100** Introduction to Geography (GT-SS2)
- **GR 304/WR 304** Sustainable Watersheds
- **GR 410** Climate Change: Science, Policy, Implications
- **HORT 171/SOCR 171** Environmental Issues in Agriculture (GT-SS3)
- **LAND 220/LIFE 220** Fundamentals of Ecology (GT-SC2)
- **LAND 364** Design and Nature
- **LAND 444** Ecology of Landscapes
- **LIFE 320** Ecology
- **NR 120A** Environmental Conservation (GT-SC2)
- **NR 130** Global Environmental Systems (GT-SC2)
- **RS 351** Wildland Ecosystems in a Changing World
- **SOCR 341** Microbiology for Sustainable Agriculture
- **SOCR 343** Composting Principles and Practices
- **SOCR 440** Pedology

**Group C: Economy and Profitability:** 3

- **AREC 202** Agricultural and Resource Economics (GT-SS1)
- **AREC 240/ECON 240** Issues in Environmental Economics (GT-SS1)
- **AREC 340/ECON 340** Introduction-Economics of Natural Resources
<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>AREC 346/</td>
<td>Economics of Outdoor Recreation</td>
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<td>ECON 346</td>
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<td>AREC 415</td>
<td>International Agricultural Trade</td>
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<tr>
<td>AREC 442</td>
<td>Water Resource Economics</td>
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<tr>
<td>AREC 460</td>
<td>Ag- and Resource-Based Economic Development</td>
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<td>MGT 360</td>
<td>Social and Sustainable Venturing</td>
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<td>F 322</td>
<td>Economics of the Forest Environment</td>
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<tr>
<td>NR 425</td>
<td>Natural Resource Policy and Sustainability</td>
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**Group D: Skills:**

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

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<tbody>
<tr>
<td>AREC 442</td>
<td>Water Resource Economics</td>
</tr>
<tr>
<td>BZ 348/MATH 348</td>
<td>Theory of Population and Evolutionary Ecology</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>
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<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>
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<td>Pedology</td>
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<tr>
<td>SOCR 478</td>
<td>Environmental Soil Sciences</td>
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**Upper-Division Elective**

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

Program Total Credits: 21