

**UNDERGRADUATE COUNCIL**  
**Request for Change(s)**

Originating unit requesting change Environmental Science

Type of Change requested:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Course number(s)   | <input type="checkbox"/> Course prerequisite(s) | <input type="checkbox"/> Program title                   |
| <input type="checkbox"/> Course title       | <input type="checkbox"/> Drop course(s)         | <input type="checkbox"/> Program description             |
| <input type="checkbox"/> Course description | <input type="checkbox"/> Drop program(s)        | <input checked="" type="checkbox"/> Program requirements |

Semester and year change(s) take effect: Fall 2020

Appropriate computer abbreviation if  
course title is more than 30 spaces: \_\_\_\_\_

Briefly summarize the change requested:

Significant changes to prepare our students for solving environmental problems.

Catalog copy

Present catalog copy (paste-up from  
catalog is acceptable.

Proposed change(s). (Include exact catalog  
copy as desired. Underline changes)

See attached document

See attached document

1. **What is the justification for the change(s) requested?**  
We are adding additional courses to the minor, to allow our students a greater breadth within the minor. This reflects the true multidisciplinary nature of Sustainability Science.  
Please note that:
  - ENSC 30143 Introduction to Sustainability Science and ENSC 50443 have both been submitted as new courses at the same time as these degree requirement changes.
2. **If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms.**  
NA
3. **Faculty Resources:** How will the unit provide faculty support for this change and any other impact this change may have on other current departmental listings.  
This degree program reflects the current expertise and breadth of our department and, as such, will be easier to manage and support than our current degree.
4. **Educational Resources:** Will this change require additional resources not currently available (e.g. space, equipment, library, other)?  
If yes, list additional resources needed.

☐ YES  
☒ NO

No impacts are expected with this change. All departments listed here, with the exception of Strategic Communication, were already part of the minor.
5. **If this change affects other units of the University, include a statement signed by the chairperson(s) of the affected unit(s).**  
NA
6. **If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and cross-listed units.**  
NA



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Approval signature of chairperson of originating unit

Present catalog copy (paste-up from catalog is acceptable).

## Sustainability Minor

### Requirements

The program of study requires a minimum of 18 hours. No more than 2 courses from any one department and no grade lower than a C- will be accepted.

### Required

[ENSC 10143](#) Contemporary Environmental Issues 3

Electives: 15 hours

Social Sciences and Humanities: 3 hours

<a href="#"><u>ANTH 30663</u></a>	Food Justice	3
<a href="#"><u>ANTH 30743</u></a>	Animals, Religion, and Culture	3
<a href="#"><u>ANTH 30783</u></a>	Anthropological Approaches to Nature and the Sacred	3
<a href="#"><u>ANTH 30823</u></a>	Native American Religions and Ecology	3
<a href="#"><u>ANTH 40433</u></a>	Transnational Processes: Globalization, Migrations, and Borders	3
<a href="#"><u>ECON 40970</u></a>	Experimental Course	1-20
<a href="#"><u>ENGL 30153</u></a>	Nature Writing in Nature	3
<a href="#"><u>HIST 40853</u></a>	American Environmental History	3
<a href="#"><u>PHIL 20333</u></a>	Environmental Philosophy	3
<a href="#"><u>POSC 33133</u></a>	Energy and Global Geostrategy	3
<a href="#"><u>RELI 30783</u></a>	Religion and Environmental Ethics	3
<a href="#"><u>SOCI 20223</u></a>	Social Problems	3
<a href="#"><u>SOCI 30233</u></a>	Sustainability: Environmental, Social & Economic Issues	3
<a href="#"><u>SOCI 30253</u></a>	Environmental Sociology	3
<a href="#"><u>SOCI 40303</u></a>	Animals, Culture and Society	3

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<a href="#"><u>ANTH 30743</u></a>	Animals, Religion, and Culture	3
<a href="#"><u>ANTH 30733</u></a>	<a href="#"><u>Globalization and Human Impacts: Economics, Development and Social Justice</u></a>	
<a href="#"><u>ANTH 30783</u></a>	Anthropological Approaches to Nature and the Sacred	3
<a href="#"><u>ANTH 30823</u></a>	Native American Religions and Ecology	3
<a href="#"><u>ANTH 40433</u></a>	Transnational Processes: Globalization, Migrations, and Borders	3
<a href="#"><u>ECON 30523</u></a>	<a href="#"><u>Resource and Energy Economics</u></a>	<u>3</u>
<a href="#"><u>ECON/GEOG 30763</u></a>	<a href="#"><u>Economic Geography</u></a>	
<a href="#"><u>ENGL 30153</u></a>	Nature Writing in Nature	3
<a href="#"><u>HIST 40853</u></a>	American Environmental History	3
<a href="#"><u>FAME 20223</u></a>	<a href="#"><u>Sustainability Issues in the Fashion Industry</u></a>	3
<a href="#"><u>PHIL 20333</u></a>	Environmental Philosophy	<u>3</u>
<a href="#"><u>POSC 33123</u></a>	<a href="#"><u>Globalization</u></a>	<u>3</u>
<a href="#"><u>POSC 33133</u></a>	Energy and Global Geostrategy	3
<a href="#"><u>RELI 30783</u></a>	Religion and Environmental Ethics	3
<a href="#"><u>SOCI 20223</u></a>	Social Problems	3
<a href="#"><u>SOCI/ANTH 30233</u></a>	Sustainability: Environmental, Social & Economic Issues	3
<a href="#"><u>SOCI 30223</u></a>	<a href="#"><u>Environmental Justice</u></a>	

## Natural Sciences: 3 hours

<a href="#"><u>BIOL 30403</u></a>	Ecology and the Environment	3
<a href="#"><u>BIOL 40353</u></a>	Wildlife Ecology and Management	3
<a href="#"><u>ENGR 30113</u></a>	Energy in Society	3
<a href="#"><u>ENSC 30133</u></a>	Concepts in Environmental Science	3
<a href="#"><u>ENSC 30313</u></a>	Sustainable Development in Costa Rica	3
<a href="#"><u>ENSC 30453</u></a>	Wildlife Research Project	3
<a href="#"><u>ENSC 40193</u></a>	Environmental Stewardship Seminar	3
<a href="#"><u>ENSC 40603</u></a>	South African Biodiversity and Human Development Part 1	3
<a href="#"><u>ENSC 50233</u></a>	Urban Wildlife	3
<a href="#"><u>ENSC 50333</u></a>	Energy Development and Wildlife Conservation	3
<a href="#"><u>ENSC 50703</u></a>	Environmental Compliance	3
<a href="#"><u>ENSC 50753</u></a>	Environmental Management Systems	3
<a href="#"><u>ENSC 50793</u></a>	Environmental Sustainability	3
<a href="#"><u>NTDT 30993</u></a>	A Global Perspective in Food Insecurity	3

## Other Elective Options:

<a href="#"><u>RAMA 20103</u></a>	Challenges of Global Food Production	3
<a href="#"><u>ENTR 30773</u></a>	Entrepreneurship and Energy	3

If [ENSC 10143](#) is required for a student's major or another minor, the student will choose an additional course from those listed above as a substitution.

<a href="#"><u>SOCI 30253</u></a>	Environmental Sociology	3
<a href="#"><u>SOCI 30573</u></a>	<a href="#"><u>Corporate and Governmental Deviance</u></a>	
<a href="#"><u>SOCI 40303</u></a>	Animals, Culture and Society	3

## Natural Sciences: 3 hours

<a href="#"><u>BIOL 30403</u></a>	Ecology and the Environment	3
<a href="#"><u>BIOL/ENSC 30324</u></a>	<a href="#"><u>Marine Science</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>BIOL 40353</u></a>	Wildlife Ecology and Management	3
<a href="#"><u>BIOL 50103</u></a>	<a href="#"><u>Terrestrial Ecosystems</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>BIOL 50703</u></a>	<a href="#"><u>Ecology of Lakes and Streams</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENGR 30113</u></a>	Energy in Society	3
<a href="#"><u>ENSC 30313</u></a>	Sustainable Development in Costa Rica	3
<a href="#"><u>ENSC 30143</u></a>	<a href="#"><u>Introduction to Sustainability Science</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 30313</u></a>	<a href="#"><u>Sustainable Development in Costa Rica</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 30453</u></a>	Wildlife Research Project	3
<a href="#"><u>ENSC 40193</u></a>	Environmental Stewardship Seminar	3
<a href="#"><u>ENSC 40603</u></a>	South African Biodiversity and Human Development Part 1	3
<a href="#"><u>ENSC/ARST 40553</u></a>	<a href="#"><u>Zoo Animal Enrichment</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 50233</u></a>	Urban Wildlife	3
<a href="#"><u>ENSC 50333</u></a>	Energy Development and Wildlife Conservation	3
<a href="#"><u>ENSC 50551</u></a>	<a href="#"><u>Anthropogenic Disturbance of Wildlife</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 50693</u></a>	<a href="#"><u>Natural Resources Compliance</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 50703</u></a>	Environmental Compliance	3
<a href="#"><u>ENSC 50753</u></a>	Environmental Management Systems	3
<a href="#"><u>ENSC 50793</u></a>	Environmental Sustainability	3
<a href="#"><u>ENSC 50443</u></a>	<a href="#"><u>Sustainability in the Built Environment</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 50503</u></a>	<a href="#"><u>Wetlands Delineation and Management</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>ENSC 50513</u></a>	<a href="#"><u>Wetlands Restoration</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>NTDT 30993</u></a>	A Global Perspective in Food Insecurity	3
<a href="#"><u>NTDT 30643</u></a>	<a href="#"><u>Veganism, Sustainability, and Plant-based Food Studies</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>PHYS 10503</u></a>	<a href="#"><u>Energy</u></a>	<a href="#"><u>3</u></a>

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<a href="#"><u>RAMA 20103</u></a>	Challenges of Global Food Production	3
<a href="#"><u>ENTR 30773</u></a>	Entrepreneurship and Energy	3
<a href="#"><u>STCO Social Change</u></a>	<a href="#"><u>Social Change</u></a>	<a href="#"><u>3</u></a>

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