

# SUSTAINABILITY UNDERGRADUATE ACADEMIC CERTIFICATE

The 12-credit multidisciplinary Sustainability Certificate can be completed by students in any program across the university and is comprised of classes from all nine academic colleges. Sustainability is an interdisciplinary topic relevant to nearly every area of work and life. Certificate completion will allow students to contribute to an informed citizenry that is creating sustainable solutions for Idaho and beyond, and to cultivate an ecologically sound, economically prosperous, and equitable society for current and future generations. Students are required to take at least three credits each in four of the following categories: core integrative, ecological sustainability, social sustainability, economic sustainability, and sustainability experiential learning. A minimum of 12 credits must be achieved for certificate completion.

Integrative core courses introduce students to the breadth of sustainability as a concept involving ecological, social, and economic processes. Courses centered around ecological sustainability focus on protecting and restoring the integrity of Earth's ecological systems, with special concern for biological diversity and the natural processes that sustain life. Courses centered on social sustainability focus on meeting the needs of communities without compromising the ability of future generations to meet their own needs. Courses centered on economic sustainability focus on long-term economic prosperity without negative impacts on the environment, society, or culture. Sustainability experiential learning courses task interdisciplinary cohorts of students with developing solutions for a local and active sustainability issue.

All required coursework must be completed with a grade of C or better (O-10-a (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Code	Title	Hours
<b>Choose 3 credits each from 4 of the 5 following categories:</b>		<b>12</b>
<b>Core Integrative Course</b>		
AGED 2423	History of U.S. and World Agriculture	
ENVS 4150	Environmental Lifecycle Assessment	
FSP 2010	Forest and Sustainable Products for a Green Planet	
GEOG 4350	Climate Change Mitigation	
LARC 1500	Landscape, Culture and the Environment	
PSYC 3190	Environmental Psychology	
SOIL 4360	Principles of Sustainability	
MGT 4150	Corporate Social Responsibility and Sustainability	
<b>Ecological Course</b>		
BIOL 1020	Biology and Society	
BIOL 4660	Biodiversity	
CORS 2460	Climate Futures: Catalyzing Change	
FOR 4130	Mountain Ecology	
EPPN 1000	Human, Plant, Animal and Insect Epidemics: Drivers of Society	
SOIL 4480	Drinking Water and Human Health	
GEOG 3130	Global Climate Change	

GEOG 4300	Climate Change Ecology
GEOL 3090	Ground Water Hydrology
GEOL 4740	Stable Isotopes in the Environment
LARC 2880	Plant Materials & Design 1
REM 4400	Restoration Ecology
<b>Economic Course</b>	
AGEC/ECON 4510	Applied Environmental and Natural Resource Economics
AGEC 4520	Water Economics and Policy Analysis
ARCH 4630	Principles of Environmental Building Design
ECE 4870	Sustainable and Renewable Energy
ECON/AGEC 4470	International Development Economics
ENVS 4230	Planning Sustainable Places
FIN 4350	Financial Management and Sustainability
SOIL 4440	Water Quality in the Pacific Northwest
IAD 3680	Materials for Health and Sustainability
ETEC 4190	Industrial Sustainability Analysis
LAW 4070	Agriculture and Environmental Law
LAW 4060	Foundations of Natural Resources Law
ME 4360	Sustainable Energy Sources and Systems
<b>Social Course</b>	
ENGL 3160	Environmental Writing
ENGL 3220	Climate Change Fiction
HIST 4240	American Environmental History
IAD 1510	Introduction to Interior Architecture and Design
IAD 4430	Universal Design
PHIL 4520	Environmental Philosophy
SRM 3800	Principles of Travel and Tourism
SOC 3400	Environmental Sociology and Globalization
SOC 3440	Understanding Communities
SOC 3650	Environmental Justice
SOC 4660	Climate Change and Society
<b>Experiential Learning Course</b>	
SUS 4060	Sustainability Challenge

**Total Hours** **12**

**Courses to total 12 credits for this certificate.**

1. Students will be able to define sustainability and identify major local, national, and global sustainability challenges.
2. Students will be able to explain how natural, economic, and social systems interact to create or prevent sustainability.
3. Students will be able to reflect critically on the global implications of their personal and professional actions.