

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 in the integrative core course category and at least three credits from each of the following three categories: ecological, social, and economic. 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.

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
Core Integrative Course		
<i>Select at least one of the following:</i>		3
FSP 201	Forest and Sustainable Products for a Green Planet	
GEOG 435	Climate Change Mitigation	
LARC 150	Landscape, Culture and the Environment	
PSYC 319	Environmental Psychology	
SOIL 436	Principles of Sustainability	
MGT 315	Corporate Social Responsibility and Sustainability	
Ecological Course		
<i>Select at least one of the following:</i>		3
BIOL 102	Biology and Society	
FOR 460	Mountain Ecology	
EPPN 100	Human, Plant, Animal and Insect Epidemics: Drivers of Society	
SOIL 448	Drinking Water and Human Health	
GEOG 313	Global Climate Change	
GEOG 430	Climate Change Ecology	
GEOL 309	Ground Water Hydrology	
GEOL 474	Stable Isotopes in the Environment	
LARC 288	Plant Materials & Design 1	
REM 440	Restoration Ecology	

Economic Course

<i>Select at least one of the following:</i>		3
AGEC 451	Applied Environmental and Natural Resource Economics	
or ECON 451 Applied Environmental and Natural Resource Economics		
AGEC 452	Water Economics and Policy Analysis	
ARCH 463	Principles of Environmental Building Design	
ECE 487	Sustainable and Renewable Energy	
ECON 447	International Development Economics	
or AGECE 447 International Development Economics		
ENVS 423	Planning Sustainable Places	
FIN 435	Sustainable Finance and Investments	
SOIL 444	Water Quality in the Pacific Northwest	
IAD 368	Materials for Health and Sustainability	
INDT 419	Industrial Sustainability Analysis	
LAW 407	Agriculture and Environmental Law	
ME 436	Sustainable Energy Sources and Systems	

Social Course

<i>Select at least one of the following:</i>		3
ENGL 316	Environmental Writing	
ENGL 322	Climate Change Fiction	
HIST 424	American Environmental History	
IAD 151	Introduction to Interior Architecture and Design	
IAD 443	Universal Design	
LAW 406	Foundations of Natural Resources Law	
RSTM 380	Principles of Travel and Tourism	
SOC 340	Environmental Sociology and Globalization	
SOC 344	Understanding Communities	
SOC 465	Environmental Justice	
SOC 466	Climate Change and Society	

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.