

SUSTAINABLE ENVIRONMENTS MINOR

Offered at: San Luis Obispo Campus

This minor is designed for students who are interested in the principles and applications of sustainability knowledge and want to expand their understanding of global, regional and local perspectives and concepts. Drawing from multidisciplinary approaches the program provides students with the knowledge and abilities needed to integrate ecology, social equity and economics within the context of human and natural resource systems and the built environment.

Program Learning Objectives

1. Compare sustainability knowledge from multiple disciplines.
2. Summarize the historical context of social, economic, and environmental issues.
3. Identify the interconnectedness of environmental, social justice and economic issues.
4. Evaluate concepts, challenges, and opportunities of sustainability in the built and natural environment.
5. Evaluate the role of personal choice, governance, economics, and civic action in the creation of a sustainable future.
6. Apply critical thinking, problem-solving, collaboration and teamwork in an interdisciplinary setting.
7. Describe the scientific principles of key environmental issues.

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

Code	Title	Units
REQUIRED COURSES		
EDES 4406	Sustainable Environments	4
EDES 4408	Implementing Sustainability Principles	4
Approved Electives		
Select from the following: ¹		12-13
AG/PLSC 3315	Principles of Organic Crop Production	
AG/EDES/ENGR/GEOG/ISLA/SCM/UNIV 3350	The Global Environment	
AG/ASCI 3360	Holistic Management	
AGB/NR 3326	Natural Resources Economics and Valuation	
ANT 2201	Cultural Anthropology	
ANT 3360	Human Cultural Adaptations	
BIO 2217	Wildlife Conservation Biology	
BOT 3311	Plants, People and Civilization	
BRAE 3348	Energy for a Sustainable Society	
BRAE/NR 3349	Water for a Sustainable Society	
CM 3317	Sustainability and the Built Environment	
CRP 1211	Urban Planning History	
CRP/ES 1215	Planning Approaches to a Just City	
CRP 3334	Cities in a Global World	
ECON 3071	Environmental and Natural Resource Economics	
ECON 4071	Environmental Economics	
EIM 3313	Sustainability in the Experience Industry	
EIM/NR 3328	Environmental Leadership and Community Engagement	
ENGL 3315	Writing Sustainability, Equity, and Resilience	
ERSC/GEOG 3325	Climate and Humanity	

ERSC 3335	Soil, Water, and Civilization
ES/WGQS 3350	Gender, Race, Culture, Science, and Technology
ES 3360	Indigeneity and the Land
ES 3380	Critical Race Theory
GEOG 1150	Human Geography
HIST 3311	Comparative World Environmental History and Sustainability
HIST 4432	United States Environmental History
HNRS 1164	Sustainability and Communities
ISLA 3303	Values and Technology
ISLA/UNIV 3330	Cal Poly Land: Nature, Technology, and Society
LA 2203	Landscape Ecology: Concepts, Issues, and Interrelationships
LA 3304	Contemporary Issues in Cultural Landscapes
LA 4410	Sustainability, Resilience, and Climate Ecology in Design
LA 4413	Social Equity and Design
NR 3306	Natural Resource Ecology and Habitat Management
NR 3310	Global Climate Change
NR/SCM 3316	Environmental Literacy: An Integrative STEM Approach
NR 3319	Watershed Processes and Management
NR 3320	Watershed Processes and Management Laboratory
NR 3321	Water Resources Technology and Society
NR 3323	Human Dimensions in Natural Resources Management
NR 4442	Environmental Life-Cycle Analysis
PHIL 3340	Environmental Ethics
PHYS 3310	Physics of Energy
PLSC 3315	Principles of Organic Crop Production
PLSC 4420	Organic Crop Production Systems
POLS 3332	World Food Systems
POLS 3343	Civil Rights in the U.S.
POLS 4452	Technology and International Development
PSC 3320	Energy, Society, and the Environment
PSC/UNIV 3391	Engaging in Sustainable Global Development
or PSC/UNIV 3392	Collaboratively Developing Sustainable Technologies Globally
PSY 3311	Environmental Psychology
SCM 3360	Selected Environmental Issues of California's Central Coast
SOC 3308	Sociology of the Environment

Total Units
20

¹ Additional prerequisites may be needed to complete this requirement.