

# ENVIRONMENTAL STUDIES BS | Natural Resources Management & Conservation

*Advising Grid – Curriculum Revision Effective Fall 2021; Updated Fall 2021*

## All courses required:

Course #	Title	Units	Sem.	Prerequisites	Meets
ENVS 130	Environmental Studies	3	FS		
ENVS 224	Research Methods for ENVS	4	FS		
ENVS 450GW	Environmental Law & Policy – GVAR	3	FS	ENVS 130; A2	
ENVS 680	Internship in ENVS	1-3	FS	ENVS 130	
ENVS 690	Senior Seminar	3	FS	ENVS 130	
BIOL 230	Introductory Biology I	5	FS		
BIOL 240	Introductory Biology II	5	FS	BIOL 230	
BIOL 530	Conservation Biology (F)	3	F	BIOL 230, 240	
GEOG/ENVS 657	Natural Resources Management	4	S	ENVS 224 <u>or</u> GEOG 101 <u>or</u> GEOG 205	

## Select one course from each category:

<i>Chemistry Elective</i>					
CHEM 115	General Chemistry I	5	FS	(see bulletin)	
CHEM 180	Chemistry for Energy & the Environment	3	S	(see bulletin)	B1, B3
<i>Physical Environment Elective</i>					
GEOG 101	Our Physical Environment	3	FS		B1
ERTH 230	Environmental Geology	3	S		B1, B3
<i>Sustainability and Social Justice Elective</i>					
ENVS/ECON 306	Economics and the Environment	3	Rare		
ENVS 460	Energy Justice and Sustainability	3	F		
ENVS 480	Climate Change Adaptation & Justice	3	S		
ENVS 570	Applied Local Sustainability	3	F	ENVS 130	
PHIL 470	Environmental Ethics	3	F	A1-3, B4	UD-C
USP 514	Sustainable Development in Cities	4	F		
USP 515/GEOG 667	Environmental Justice: Race, Poverty, & the Environment	4	FS		
<i>Global/International Elective</i>					
ENVS/I R 331	Global Environmental Crisis	4	S		
ENVS 470	Climate Politics & Policy	3	F	ENVS 130	
ENVS 480	Climate Change Adaptation & Justice	3	S		
I R/GEOG 428	Int'l Political Economy of Food & Hunger	4	F		

## Notes:

- Total units in degree: 58 units minimum
- ENVS majors must pass both ENVS 130 and 450 with a grade of C or better.
- **Course Availability:** Some courses are routinely offered in Fall, Spring, or both every year (indicated above by F or S); however, course availability is subject to change without notice.
- Courses **cannot be double-counted** among major requirements.

## ENVIRONMENTAL STUDIES BS | Natural Resources Management & Conservation

Select one course from each category:

Course #	Title	Units	Sem.	Prerequisites	Meets
<b><i>Tools/Techniques Elective</i></b>					
GEOG 603	Introduction to GIS	3	FS	ENVS 224 <u>or</u> GEOG 205	
GEOG/USP 652	Environmental Impact Analysis	4	S	ENVS 224 <u>or</u> GEOG 205	
GEOG/USP 658	Land-Use Planning	4	FS		
<b><i>Ecology Elective</i></b>					
BIOL 482	Ecology	4	FS	BIOL 230, 240	
BIOL 529GW	Plant Ecology - GVAR	4	F	BIOL 230, 240; A2	
BIOL 532	Restoration Ecology	3	F	BIOL 230, 240	
BIOL 534	Wetlands Ecology	4		BIOL 230, 240	
BIOL 582	Biological Oceanography	4	F	BIOL 230, 240	
BIOL 585	Marine Ecology	3	Rare	BIOL 230, 240	
<b><i>Biodiversity Elective</i></b>					
*A second Ecology Elective course can be taken as the Biodiversity Elective					
BIOL 470	Natural History of Invertebrates	4	S	BIOL 230, 240	
BIOL 475GW	Herpetology – GVAR	3	S	BIOL 230, 240; A2	
BIOL 478GW	Ornithology – GVAR	4	Rare	BIOL 230, 240; A2	
BIOL 502	Biology of the Algae	3	S	BIOL 230, 240	
BIOL 504	Biology of the Fungi	4	Rare	BIOL 230, 240	
BIOL 514	Plant Taxonomy	5	S	BIOL 230, 240	
BIOL 570GW	Biology of Fishes - GVAR	4	F	BIOL 230, 240; A2	
<b><i>Resources Elective</i></b>					
ENVS 460	Energy Justice and Sustainability	3	F		
CHEM/ENVS 380	Chemistry Behind Environmental Pollution	3	FS	CHEM 115 <u>or</u> 180; A1-3, B4	UD-B
ERTH 330	California Water	3		A1-3, B4	UD-B
ERTH 335	Global Warming	3		A1-3, B4	UD-B
GEOG 317	Geography of Soils	4	S	(see bulletin)	
GEOG 427	Agriculture & Food Supply	4	S	GEOG 101	
GEOG 646	Geography of Marine Resources	4	Rare	GEOG 101	
GEOG 647	Geography of Water Resources	4	S	GEOG 101	
GEOG 666	Geography of Garbage	3			
LS 430	Future of the Forests	3		1 college biol; A1-3, B4	UD-B
RPT 440	Urban Recreation & Parks	3		RPT 200; A1-3, B4	UD-D
RPT/ENVS 640	Recr Use of Natl Parks & Protected Areas	3	S		
<b><i>Resource Policy &amp; Techniques Elective</i></b>					
ENVS/ECON 306	Economics & the Environment	3	Rare		
ENVS 470	Climate Politics & Policy	3	S	ENVS 130	
ENVS 480	Climate Change Adaptation & Justice	3	S		
ENVS 530	Environmental Leadership & Organizing	3	F	ENVS 130	
ENVS 570	Applied Local Sustainability	3	F	ENVS 130	
GEOG/USP 652	Environmental Impact Analysis	4	S	ENVS 224 <u>or</u> GEOG 205	
GEOG/USP 658	Land-Use Planning	4	FS		
SOC/RRS 410	Grassroots Organizing for Change	3		A1-3, B4	UD-D

