

2026-27 Proposed Schedule of Courses

WARNING! This list of courses is the most up-to-date for the coming year
- **but not set in stone!**

Schedule changes may still occur prior to the start of each quarter. See an ES Advisor or visit the ES Courses webpage for regular updates and list of course descriptions and prerequisites (www.es.ucsb.edu/courses).

<u>FALL '26</u>	<u>#</u>	<u>Course Title</u>	<u>Req.</u>
<i>Alagona</i>	1	Introduction to Environmental Studies	
<i>Martin</i>	40 + 40H	Critical Thinking & Evidence-Based Reasoning	
<i>Murray</i>	60	Applied Ecology	
<i>Sideris</i>	70	Intro to Environmental Ethics	
<i>Stratton</i>	95	Intro. Ecological Restoration Field Skills	
<i>Dowdy</i>	101	Ecosystems Services and Biodiversity	<i>A-1 or B-1</i>
<i>Holzer</i> *	114A	Principles of Soil Science	<i>B-1</i>
<i>Shamasunder</i>	116	Sustainable Communities	<i>A-3</i>
<i>New</i> <i>Codding</i> *	124	Socio-Environmental Data Science	<i>B-1</i>
<i>Pye</i>	129	Ecopsychology	
<i>Maldonado</i>	130A	Un-naturalizing Disasters, Risk, Vulnerability, Resil.	
<i>McCauley</i> *	133	Biodiversity & Conservation Biology	<i>B-1</i>
<i>Hoelle</i> *	151	Environmental Anthropology	
<i>Heilmayer</i>	154	GIS for Environmental Applications	<i>B-1</i>
<i>Schmitt</i>	156	Pathways to Sustainable Water Infrastructure	<i>A-3 or B-1</i>
<i>Williams</i>	159	America's Public Lands & Waters - Law & Policy	
<i>Athanassakis</i> *	160	Literature of Animals, Food, and the Environment	
<i>Perrone</i>	163A	Global Water Resources: Supply & Demd.	<i>A-2 or B-1</i>
<i>Stone</i>	165A	Environmental Impact Analysis	
<i>New</i> <i>Schmitt</i>	170	Rain to River: Adv Modeling of Watershed Dynamics	<i>B-1</i>
<i>Schimel</i> *	171	Ecosystem Processes	<i>B-1</i>
<i>Johnson</i>	172	Waste Management: Stewardship, Recycling, Energy	
<i>Mildenberger</i> *	177	Comparative Environmental. Politics	
<i>Pellow</i>	181	Power, Justice and the Environment	
<i>Kaysen</i>	187	Green Building Design & Operations	
<i>Zimmerman</i>	190	Current Topics in Env. (<i>Env. Careers - 1 unit</i>)	
<i>Russel</i>	191	Nature and Science Education Practicum	
<i>Koppula</i>	193EI	Environmental Innovation and Entrepreneurship	
<i>Zollet</i>	195A	Env. Leadership Incubator (<i>same students all 3 qtrs</i>)	
<i>Martin</i>	197	ES Senior Thesis (<i>6 units, but work done all 3 qtrs</i>)	<i>B-1</i>

<u>WINTER '27</u>	<u>#</u>	<u>Course Title</u>	<u>Req.</u>
<i>Pellow</i>	3	Intro. Social & Cultural Environments	
<i>Holzer</i>	15A	Environmental Chemistry I	
<i>Martin</i>	40 + 40H	Critical Thinking & Evidence-Based Reasoning	
<i>Stratton</i>	95	Intro. Ecological Restoration Field Skills	
<i>Seltmann</i> *	96	Intro. Curation Natural History Collections	
<i>Martin</i> *	108O	History of Oceans	
<i>Holzer</i> *	114B	Soils of CA: Formation Morphology, and Management	<i>B-1</i>
<i>Deshmukh</i>	115	Energy and the Environment	<i>A-2 or B-1</i>
<i>Brown</i>	118	Industrial Ecology: Designing for the Env.	
<i>Krop</i>	125A	Principles of Environmental Law	
<i>Bui</i>	126	Statistics for Environmental Science (was 193DS)	<i>A or B-1</i>
<i>Maldonado</i>	130B	Global Tourism and Env. Justice	
<i>???</i> <i>Miller</i>	130C	Aquatic Food and Resource Management	<i>A-1 or B-1</i>
<i>Klemann</i>	135A	Principles of Env. Planning	<i>A-3</i>
<i>Murray</i>	137	Concervation Planning	<i>B-1</i>
<i>D'Antonio</i>	140	Ecology & Management of Wildland Fire	<i>B-1</i>

* Denotes course is cross-listed with a 2nd dept.

A- Course applies to one of the three Area A cluster requirements

B-1 Course satisfies the B-1 elective section for Env St. B.S. major

??? Uncertain if the course will be offered or may be moved to different quarter

WINTER '27

	#	Course Title	Req.
Wu	145	Climate Change and Mitigation Strategies	
Carlisle *	149	Food, Agriculture, and Environment	A-1 or B-1
Wu	154	GIS for Environmental Applications	B-1
??? Sweeny	154	GIS for Environmental Applications	B-1
Jacobs	161	Environmental Communications: Strategies & Tactics	
Perrone	163B	Global Water Resources: Management & Policy	
Stone	165B	Adv. Environmental Impact Analysis	
??? Meng *	175	Adv. Environmental Economics	
??? Stokes *	176	Energy Politics and Policy	
Callahan *	178	Politics of the Environment	
Cremers	184	Gender and the Environment	
Kaysen	187	Green Building Design & Operations	
Zollet	190	Current Topics in Env. (Topic TBA - 1 unit)	
Russel	191	Nature and Science Education Practicum	
Bui	193DD	Data Science for Environmental Studies	A or B-1
New Alagona	193EH	Intro to Environmental History	
??? Miller	193ML	Material Lives: Consumption, Accumulation, and Env.	
Basu	193RU	Env. Implications of Rural-Urban Transitions	
Kamal-Heikman	193TW	Transboundary Water Sharing	

SPRING '27

	#	Course Title	Req.
Murray	2	Intro. to Environmental Sciences	
Holzer	15B/BL	Environmental Chemistry II w/Lab	
Wu	25	Quantitative Thinking in Env. Studies	
Heilmayer	30	Introduction to Environmental Economics	
Martin	40 + 40H	Critical Thinking & Evidence-Based Reasoning	
Stratton	95	Intro. Ecological Restoration Field Skills	
Seltmann *	96	Intro. Curation Natural History Collections	
Wahlert *	103A	Flora and Vegetation of California	B-1
Shamasunder	104	Environmental Health, Inequality, and Justice	
Deshmukh	105	Renewable Energy Systems	B-1
Geog Assoc *	111	CA Channel Islands	B-1
Pulver	117	Climate Change and the Transition to Low Carbon	A-2
??? Gilmore *	122NE	Cul. Rep: Nature and the Environment	
Bright	125C	Land Use and Planning Law	
Bui	126	Statistics for Environmental Science (was 193DS)	A or B-1
Fontane	127A	Foundations of Env. Education	
Maldonato *	134CJ	Climate Justice	
Klemann	135B	Advanced Environmental Planning	
Feldwinn *	136	Green Works - Exploring Technology & Sustainability	
Schmitt *	144	Form, Process and Human Use of Rivers	B-1
Carlisle	148	Transforming Food Systems	B-1
Carlisle	150	Agroecology	
Dudney	153	Ecosystem Change in the Anthropocene (old 193GC)	A-1 or B-1
Sweeny	154	GIS for Environmental Applications	B-1
Gray	155	Built World: Infrastructure and Env. Change	A-3
Loaiciga *	162	Environmental Water Quality	B-1
Bui	193DD	Data Science for Environmental Studies	A or B-1
Basu	193GS	Environmental Issues in Global South	
Basu	193PE	Political Ecology	
Weisman	193RE	Religion & Environment	
Brown	193SI	Sustainability and Innovation	
Quiros	193ST	Sea Turtle Conservation & Management	B-1
Gray	200	Env. Phd Seminar (Grad only)	

SUMMER '27 † (very tentative)

	#	Session	Course Title
Montgomery	1	B	Intro. to Env. Studies
A. Andersen	2	A	Intro. to Env. Sciences
(R) Miller	3	A	Intro. Social & Cultural Env.
(R) Murray	w60	B	Applied Ecology
Montgomery	108O	A	History of Oceans
Pye	129	A	Ecopsychology
(R) Miller	130C	A	Aquatic Food Mgt. (A-1)
Knap	143	A	Endangered Species
(R) Callahan	178	B	Politics of the Environment
(R) McMurtrey	193TK	B	Traditional Eco Knowledge
(R) Kamal	193TW	B	Transwater Boundry

† Summer Schedule is from last year. Hope to offer similar courses in 2027, but will not know actual schedule till February.

R Course was offered remotely. But no guarantee it will be again till formal schedule is released

* Denotes course is cross-listed with a 2nd dept.

A- Course applies to one of the three Area A cluster requirements

B-1 Course satisfies the B-1 elective section for Env St. B.S. major

??? Uncertain if the course will be offered or may be moved to different quarter