

# Environmental Studies Program, UCSB

## 2022-23 Proposed Schedule of Courses

### FALL '22

	#	Course Title	
Alagona	1	Introduction to Environmental Studies	
Heilmayr	30	Introduction to Environmental Economics	
Martin	40	Critical Thinking & Evidence-Based Reasoning	
Tyler	60	Applied Ecology	
Stratton	95	Intro. Ecological Restoration Field Skills	
Gray	102	Qualitative Methods in Env. Studies	
Alagona	108W	Wildlife in America	
Brennan	116	Sustainable Communities	
CANCELLED Staff	<del>120A</del>	<del>Environmental Toxicology</del>	B-1
Pye	129	Ecopsychology	
Maldonado	130A	Risks, Vulnerability, Resilience, Disasters	
Miller	130C	Aquatic Food and Resource Management	B-1
Foran	* 130EV	Eco Vista	
Hardesty Moore	* 133	Biodiversity & Conservation Biology	B-1
Welter	* 136O	Sustainable Architecture: History & Aesthetics	
CANCELLED Staff	147	<del>Air Quality and Environment</del>	B-1
Nielsen	160	American Environmental Literature	
Perrone	163A	Global Water Resources: Water Supply & Demand	B-1
Stone	165A	Environmental Impact Analysis	
Schimmel	* 171	Ecosystem Processes	B-1
CANCELLED Fore	172	<del>Waste Management</del>	
Smith	* 178	Politics of the Environment	
Zimmerman	190	Current Topics in Env. (Env. Careers - 1 unit)	
Shackley	191	Nature and Science Education Practicum	
Soleri	193CS	Intro to People's and Community Science	B-1
Kaysen	193GB	Intro to Green Buildings	
Williams	193PL	Public Lands Law & Policy	
Quiros	193ST	Sea Turtle Conservation & Management	B-1
Perrone	193SW	Intro to Collecting & Exploiting Water Data	B-1
Kamal-Heikman	193TW	Transboundry Water Sharing	
Zollett	195A	Environmental Leadership Incubator	
Martin	197	ES Senior Thesis	B-1

**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 the ES Advisor or visit the ES Courses webpage for regular updates and list of course descriptions and prerequisites ([www.es.ucsb.edu/courses](http://www.es.ucsb.edu/courses)).

### WINTER '23

	#	Course Title	
Moret	2	Intro. to Environmental Sciences	
Dowdy	15A	Environmental Chemistry A	
Martin	40	Critical Thinking & Evidence-Based Reasoning	
NEW Sideris	70	Intro to Environmental Ethics	
Stratton	95	Intro. Ecological Restoration Field Skills	
Seltmann	* 96	Intro. Curation Natural History Collections	
Deshmukh	115	Energy and the Environment	B-1
M. Brown	118	Industrial Ecology	
CANCELLED Staff	<del>120B</del>	<del>Adv. Environmental Toxicology</del>	B-1
Krop	125A	Introduction to Environmental Law	
B. Lewin	127A	Foundations of Env. Education	
Maldonado	130B	Global Environmental Tourism	
Foran	* 130SD	The World in 2050: Systemic Alternatives	
Kleman	135A	Principles of Env. Planning	
Moret	* 144	Form, Process and Human Use of Rivers	B-1
NEW Wu	145	Climate Mitigation Strategies	B-1?
Clark	147	Air Quality and Environment	B-1

\* Denotes course is cross-listed with a 2nd dept. Review course descriptions at: <https://my.sa.ucsb.edu/catalog/Current>

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

??? Uncertainty regarding the course being offered.

**OVER >>>**

**WINTER '23**

	#	Course Title	
Carlisle	* 149	Agriculture, Food, and Population	B-1
Schmitt/Holbrook	* 152	Applied Marine Ecology	B-1
Wu	154	Intro to Environmental GIS	B-1
Jacobs	161	Environmental Communications	
Stone	165B	Adv. Environmental Impact Analysis	
Staff	* 177	Comparative Environmental Politics	
Gray	182	Field Sem. Personal & Community Resilience	
Gray	183	Film, Representation, and the Environment	
Cremers	184	Gender and the Environment	
????	Nichols	190	Current Topics in Env. (Topic TBA - 1 unit)
Shackley	191	Nature and Science Education Practicum	
Carlisle	193AF	Ancestral Foods	
Wahlert	* 193EB	Ethnobotany: Human Uses of Plants	B-1
D'Antonio	193FE	Fire in Western USA Ecosystems	B-1
Kaysen	193GB	Intro to Green Buildings	
Zollett	195B	Environmental Leadership Incubator (1 unit)	
Alagona	200	Env Phd Seminar (Grad only)	

**SPRING '23**

	#	Course Title	
Martin	3	Intro. Social & Cultural Environments	
Dowdy	15B/BL	Environmental Chemistry II w/Lab	
Wu	25	Quantitative Thinking in Env. Studies	
Martin	40	Critical Thinking & Evidence-Based Reasoning	
Mazaroli	w50	Bending the Curve: Climate Change Solutions	
Stratton	95	Intro. Ecological Restoration Field Skills	
Seltmann	* 96	Intro. Curation Natural History Collections	
Dowdy	101	Ecosystems Services and Biodiversity	B-1
Wahlert	* 103A	Flora and Vegetation of California	B-1
Deshmukh	105	Solar and Renewable Energy	B-1
Seagal	* 111	CA Channel Islands	B-1
Pulver	117	Transition to a Low Carbon Society	
Fox / Hall	125B	Climate Change Law	
B. Lewin	127B	Advanced Env. Education and Practicum	
Fitch	* 128	Foundation of Ecosystem Restoration	
?????	Staff	134	Coastal Processes and Management
Dan Kleman	135B	Advanced Environmental Planning	
Feldwinn	* 136	Green Works - Exploring Sustainability	
Carlisle	148	Transforming Food Systems (old ENV5 193TF)	B-1
Carlisle	150	The Ethics of Stewardship	
Heilmayr	154	Intro to Environmental GIS	B-1
Gray	155	Built World: Infrastructure, Power, & Env	
Loaiciga	* 162	Environmental Water Quality	B-1
Trugman	* 167	Biogeography	B-1
Clark	* 169	Tracer and Contaminant Hydrology	B-1
Mahdavi	* 176	Energy Politics and Policy	
Maldonado	186	Development, Displacement, and the Env.	
Sideris	188	Environmental Ethics	
Staff	190	Current Topics in Env. (Topic TBA - 1 unit)	
Moret	193CP	Conservation Planning	B-1
NEW	An Bui	193DS	Environmental Statistics & Data Analysis
Sideris	* 193NS	Nature Spirituality	B-1?
Brown	193SI	Sustainability and Innovation	
McMurtrey	193TK	Traditional Ecological Knowledge	
Benjamin	* 193WL	Wild Literature in Urban Landscapes	

**SUMMER '23 †**

	#	Session	Course Title
Alagona	1	A	Intro. to Env. Studies
Moret	2	B	Intro. to Environmental Sciences
Nielsen	3	B	Intro. Social & Cultural Env.
Tyler	60	A	Applied Ecology
Staff	115	B	Energy and the Environment (B-1)
Hiltner	* 122CC	B	Cultural Rep: Rhetoric of Climate Chg.
Staff	149	B	Agriculture, Food, and Population (B-1)
Nielsen	160	A	American Environmental Literature
Jacobs	161	B	Environmental Communications
Rehnberg	184	B	Gender and the Environment
Williams	193PL	A	Public Lands Law & Policy
McMurtrey	193TK	B	Traditional Ecological Knowledge
Kamal-Heilman	193TW	A	Transboundary Water Sharing

† Preliminary schedule for Summer 2023 based on courses offered in 2022. Schedule still subject to change. Official schedule to be released in March, 2023.

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