

## 2021-22 Proposed Schedule of Courses

### FALL '21

	#	Course Title	
	1	Introduction to Environmental Studies	
	30	Introduction to Environmental Economics	
	40	Critical Thinking & Evidence-Based Reasoning	
	95	Intro. Ecological Restoration Field Skills	
	100	Environmental Ecology	
Late add	102	Qualitative Methods in Env. Studies	
	108W	Wildlife in America	
	116	Sustainable Communities	
	120A	Environmental Toxicology	B-1
	129	Ecopsychology	
Maldonado	130A	Risks, Vulnerability, Resilience, Disasters	
	* 133	Biodiversity & Conservation Biology	B-1
	* 136O	Sustainable Architecture: History & Aesthetics	
	139	Business and the Environment	
	147	Air Quality and Environment	B-1
	* 149	Agriculture, Food, and Population	B-1
	165A	Environmental Impact Analysis	
	* 171	Ecosystem Processes	B-1
	172	Waste Management	
	* 178	Politics of the Environment	
Zimmerman	190	Current Topics in Env. ( <i>Env. Careers</i> )	
	191	Nature and Science Education Practicum	
NEW	193AF	Ancestral Foods	
	193CB	Consumer Consumption Behavior	
	193GB	Intro to Green Buildings	
	193PL	Public Lands Law & Policy	
	193ST	Sea Turtle Conservation & Management	B-1
Kamal-Heikman	193TW	Transboundary Water Sharing	
	195	Environmental Leadership Incubator	
	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 '22

	#	Course Title	
	2	Intro. to Environmental Sciences	
	15A	Environmental Chemistry A	
	40	Critical Thinking & Evidence-Based Reasoning	
	50	Bending the Curve: Climate Change Solutions	
	95	Intro. Ecological Restoration Field Skills	
	* 96	Intro. Curation Natural History Collections	
	115	Energy and the Environment	
	118	Industrial Ecology	
	120B	Adv. Environmental Toxicology	B-1
	125A	Introduction to Environmental Law	
	127A	Foundations of Env. Education	
	130B	Global Environmental Tourism	
	* 130C	Aquatic Food and Resource Management	
	135A	Principles of Env. Planning	
	141	Chem. of Global Environmental Change	B-1
	* 144	Form, Process and Human Use of Rivers	B-1
	150	The Ethics of Stewardship	
Schmitt / Holbrook	* 152	Applied Marine Ecology	B-1
	154	Intro to Environmental GIS	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 '22**

	#	Course Title	
Jacobs	161	Environmental Communications	
Perrone	163A	Global Water Resources: Water Supply & Demand	B-1
Stone	165B	Adv. Environmental Impact Analysis	
Meng *	175	Advanced Env. Economics	
Mildenberger *	177	Comparative Environmental Politics	
Pellow	181	Power, Justice & Environment	
Gray	183	Film, Representation, and the Environment	
Cremers	184	Gender and the Environment	
Sideris	188	Environmental Ethics	
Zimmerman	190	Current Topics in Env. (Topic TBA)	
Myers	191	Nature and Science Education Practicum	
Dowdy	193FE	Fire in Western USA Ecosystems	B-1
Perrone	193SW	Intro to Collecting & Exploiting Water Data	B-1
Carlisle	193TF	Transforming Food Systems	B-1
NEW Sideris	193NS	Nature Spirituality	
Alagona	200	Env Phd Seminar (Grad only)	

**SPRING '22**

	#	Course Title	
Martin	3	Intro. Social & Cultural Environments	
Gardner	15B/BL	Environmental Chemistry B w/Lab	
Wu	25	Quantitative Thinking in Env. Studies	
Martin	40	Critical Thinking & Evidence-Based Reasoning	
Tyler	60	Intro to Applied Ecology	
Stratton	95	Intro. Ecological Restoration Field Skills	
Seltmann *	96	Intro. Curation Natural History Collections	
Wahlert *	103A	Flora and Vegetation of California	B-1
Deshmukh	105	Solar and Renewable Energy	B-1
James *	111	CA Channel Islands	
Pulver	117	Transition to a Low Carbon Society	
Gardner	121	Contaminants of Emerging Concern	B-1
Fox / Hall	125B	Climate Change Law	
B.Lewin	127B	Advanced Env. Education and Practicum	
Fitch *	128	Foundation of Ecosystem Resotation	B-1
Stephens/Klemann	135B	Advanced Environmental Planning	
Feldwinn *	136	Green Works - Exploring Sustainability	
Heilmayr	154	Intro to Environmental GIS	B-1
Gray	155	Built World: Infrastructure, Power, & Env	
Loaiciga *	162	Environmental Water Quality	B-1
Perrone	163B	Global Water Resources: Water Mgt. and Policy	
Trugman *	167	Biogeography	B-1
Clark *	168	Aqueous Transport of Pollutants	B-1
Meng *	175	Advanced Env. Economics	
Stokes *	176	Energy Politics and Policy	
Gray	182	Field Sem. Personal & Community Resilience	
CANCELLED Cremers	185	<del>Human Environmental Rights</del>	
Maldonado	186	Development, Displacement, and the Env.	
Zimmerman	190	Current Topics in Env. (Topic TBA)	
Brown	193CE	New Perspectives: Reducing, Reusing, Recycling	
Moret	193CP	Conervation Planning	B-1
Staff *	193EB	Ethnobotany: Human Uses of Plants	B-1
McMurtrey	193TK	Traditional Ecological Knowledge	
Benjamin *	193WL	Wild Literature in Urban Landscapes	
NEW Deshmuk	193EP	Electric Power Systems	??
NEW ??? Staff	193DS	Data Science and Statistics	B-1

**SUMMER '22 †**

	#	Session	Course Title
Rehnberg	1	A	Intro. to Env. Studies
Moret	2	B	Intro. to Environmental Sciences
Tyrrell	3	B	Intro. Social & Cultural Envnt.
Tyler	100	B	Environmental Ecology
Kundu	112	A	Human Population and Environment
Lovering	115	A	Energy and the Environment
Hiltner *	122CC	B	Cultural Rep: Rehtoric of Climate Chg.
Jacobs	161	B	Environmental Communications
Rehnberg	184	B	Gender and the Environment
Pye	188	A	Environmental Ethics
Williams	193PL	A	Public Lands Law & Policy
Quiros	193ST	A	Sea Turtle Conservation & Management
McMurtrey	193TK	A	Traditional Ecological Knowledge
mal-Heilman	193TW	B	Transboundry Water Sharing

† **Preliminary schedule for Summer 2022 based on courses offered in 2021. Schedule still subject to change. Official schedule to be released in March, 2022.**

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