

Colby Environmental Studies Policy Major

Class of 2020

Foundation Courses Required

ES 118: Environment and Society
EC 133: Microeconomics

ES 271: Introduction to Ecology
EC 231: Environmental and Natural Resource Economics
BI 163: Cellular Basis of Life
BI 164: Evolution & Diversity

Science Courses	Humans and the Environment	Policy Process
<p><i>Choose 3 courses: at least 1 <u>must</u> be ES (recommended 2 ES & 2 w/ lab)</i></p>	<p><i>Choose three of the following; at least two must be from Environmental Studies</i></p>	<p><i>Required</i></p>
Biology	Anthropology	Environmental Studies
<p>BI 197: Biochemistry of Food BI 225: Immunology BI 246: Parasitology BI 275: Human Physiology BI 237: Woody Plants BI 259j: Plants of the Tropics BI 277: Vertebrate Natural History BI 334: Ornithology BI 354: Marine Ecology BI 382: Ecological Modeling</p>	<p>AY 256: Land, Food, Culture, and Power</p>	<p>ES 233: Environmental Policy ES 234: International Environmental Policy</p>
Chemistry	Economics	Mathematics
<p>CH 141: General Chemistry I CH 142: General Chemistry II CH 147: Comprehensive Gen. Chem CH 217: Environmental Chemistry CH 265: Green Chemistry CH 278: Joules to Dollars CH 331: Chemical Methods of Analysis</p>	<p>EC 341: Natural Resource Economics EC 476: Economics of Ecosystem Services</p>	<p>SC 212: Elementary Statistics</p>
Environmental Studies	Environmental Studies	Capstone Courses
<p>ES 212: Intro to GIS & Remote Sensing OR ES 214: Intro to GIS & Spatial Analysis ES 218: Exploratory Data Analysis in R ES 244: Marine Communities ES 276: Global Change Ecology ES 319: Conservation Biology ES 343: Environmental Change ES 356: Aquatic Ecology ES 358J: Ecological Field Study ES 364: Climate Change Justice Health ES 338: Forest Ecosystems ES 366: The Env. & Human Health ES 397: Current Topics in Env. Science</p>	<p>ES 212: Intro to GIS & Remote Sensing* OR ES 214: Intro to GIS & Spatial Analysis* ES 242: Marine Conservation and Policy ES 265: Global Public Health ES 276: Global Change Ecology* ES283: Env Hum: Stories of Crisis & Resilience ES 319: Conservation Biology* ES337: Climate Fiction ES 343: Environmental Change* ES 344: Marine Fisheries Management ES 347: Tropical Forests & Rural Livelihoods ES 346: Global Food Policy ES 364: Climate Change, Justice and Health ES 358j: Ecological Field Study* ES 366: The Environment and Human Health*</p>	<p><i>Choose one of the following</i></p> <p>ES 493A: International Env. Policy Practicum OR ES 493B: Domestic Env. Policy Practicum</p>
Geology	History	Senior Colloquia
<p>GE 141: Earth and Environment OR GE 142: Deep Time Planet Earth GE 262: Earths Clim: Past Pres Future GE 378: Geol.Env. in Marine Realm</p>	<p>HI 248: Nuclear Visions, Env. Realities HI 346: Global Health History HI 394: Ecological History</p>	<p><i>Required</i></p> <p>ES 401 and 402: Env. Studies Colloquium (taken simultaneously with four other courses)</p>
Physics	Philosophy	<p>Notes:</p> <ol style="list-style-type: none"> *Cannot also be counted for science group Can count up to two courses from study abroad toward science and/or humans electives Additional course options may be approved by the ES Program Director See "Policy Topic Recommendations" for suggested curricular pathways in env policy
<p>PH 141: Foundat's of Mechanics I OR PH 143: Honors Physics PH 145: Foundat's of Electr. & Optics</p>	<p>PL 216: Philosophy of Nature PL 243: Environmental Ethics PL 328: Radical Ecologies</p>	
Statistics	Science, Technology, and Society	
<p>SC 306: Topics in Epidemiology</p>	<p>ST 215: Weather, Climate, & Society</p>	
Bigelow	Bigelow	
<p><i>more science --></i></p>	<p>ES 383B: Ocean Environment CH 385B: Ocean Biogeochemistry BI3 84B: Biological Oceanography Bigelow JanPlans as available</p>	

Colby Environmental Policy Major Pathways

ES Policy Majors are required to take 3 science & 3 humans electives. We recommend you use these to create a coherent curricular pathway (pref. incl. 3 ES courses & 2 lab courses) to provide content depth

These pathways are sample suggestions you may want to consider to select your elective courses (i.e., from "science" and "humans" categories). You will want to talk with your advisor and/or the Program Director for guidance and additional ideas.

Conservation & Resources	Marine/ Aquatic	Public Health	Energy & Climate	Food & Agriculture	Other [disc. w/ advisor]
Env. Studies	Env. Studies	Env. Studies	Env. Studies	Env. Studies	
ES212L or ES214 ES319* ES344* ES346 or ES347* ES356 L* ES338*	ES242* ES244* ES297J ES344* ES356 L*	ES212/214 L ES218 L ES265* ES364* ES366*	ES212L or ES214 ES276* ES297 ES364*	ES218 ES276* ES344* ES346*	
Biology	Biology	Biology	Chemistry	Anthropology	
BI237 or BI259L	BI354 L	BI225 BI246 BI278 BI348 BC362	CH278*	AY256	
Economics	Geology	Global Studies	Geology	Economics	
EC341	GE378	GS255	GE378	EC341	
	Bigelow Semester	Philosophy	Philosophy		
	Can substitute three classes On campus Bigelow JanPlan courses as available	PL243	PL243 or PL328		
		Statistics	STS		
		SC306	ST215		

* Denotes key recommended classes that cover core content for pathway