

Colby Environmental Studies Policy Major

Class of 2021

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

Choose 3 courses: at least 1 must be ES (recommended 2 ES & 2 w/ lab)

Biology

BI 198: Biochemistry of Food
BI 225: Immunology
BI 237: Woody Plants
BI 246: Parasitology
BI 259j: Plants of the Tropics
BI 275: Human Physiology
BI 277: Vertebrate Natural History
BI 334: Ornithology
BI 354: Marine Ecology
BI 382: Ecological Modeling

Chemistry

CH 121: Earth Systems Chemistry I
CH 122: Earth Systems Chemistry II
CH 141: General Chemistry I
CH 142: General Chemistry II
CH 147: Comprehensive Gen. Chem
CH 217: Environmental Chemistry
CH 121: Earth Systems Chemistry I & II
CH 265: Green Chemistry
CH 278: Joules to Dollars
CH 331: Chemical Methods of Analysis

Environmental Studies

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 338: Forest Ecosystems
ES 343: Environmental Change
ES 356: Aquatic Ecology
ES 358J: Ecological Field Study
ES 366: Environment & Human Health
ES 371: Current Topics in Env. Science

Geology

GE 111: Geology of National Parks
GE 141: Earth and Environment
GE 262: Earths Clim: Past Pres Future
GE 378: Geol.Env. in Marine Realm

Physics

PH 141: Foundat's of Mechanics I OR
PH 143: Honors Physics
PH 145: Foundat's of Electr. & Optics

Statistics

SC 306: Topics in Epidemiology

Humans and the Environment

Choose 3 of the following; at least two must be from Environmental Studies & at least one 300-level and not more than one 100-level

Anthropology

AY 256: Land, Food, Culture, and Power

Economics

EC 341: Natural Resource Economics

Environmental Studies

ES 151: Landscape and Meaning
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*
ES 283: Env Hum: Stories of Crisis & Resilien.
ES 297: Sustainable Business Seminar
ES 319: Conservation Biology*
ES 337: 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*
ES 397: Balan. Community Econ & Conservat.

History

HI 248: Nuclear Visions, Env. Realities
HI 397: U.S. Environmental History

Italian

IT297: Nature in Italian Literature and Film

Philosophy

PL 216: Philosophy of Nature
PL 243: Environmental Ethics
PL 328: Radical Ecologies

Science, Technology, and Society

ST 215: Weather, Climate, & Society

Bigelow

ES 383B: Ocean Environment
CH 385B: Ocean Biogeochemistry
BI3 84B: Biological Oceanography
Bigelow JanPlans as available

Policy Process

Required

Environmental Studies

ES 233: Environmental Policy
ES 234: International Environmental Policy

Mathematics

SC 212: Elementary Statistics

Capstone Courses

Choose one of the following

ES 493: Environmental Policy Practicum

Senior Colloquia

Required

ES 401 and 402: Env. Studies Colloquium
(taken simultaneously with four other courses)

Notes:

1. *Cannot also be counted for science group
2. Can count up to two courses from study abroad toward science and/or humans electives
3. Additional course options may be approved by the ES Program Director
4. See "Policy Pathway Recommendations" for suggested curricular pathways in env policy

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 ES212L or ES214 ES319* ES344* ES346 or ES347* ES356 L* ES338* ES371 ES397	Env. Studies ES242* ES244* ES297J ES344* ES356 L* ES371* Biology BI354 L Geology GE378 Bigelow Semester Can substitute three classes from Bigelow semester or on-campus JanPlan	Env. Studies ES212/214 L ES218 L ES265* ES364* ES366* Biology BI225 BI246 BI278 BI348 BC362 Global Studies GS255 Statistics SC306	Env. Studies ES212L or ES214 ES276* ES297 ES364* Chemistry CH278* Geology GE378 STS ST215	Env. Studies ES218 ES276* ES344* ES346* Anthropology AY256 Economics EC341	

* Denotes key recommended classes that cover core content for pathway