

TRACK: ENVIRONMENTAL SCIENCE & POLICY

Advising Sheet for (student) _____ (email) _____
 (date filled out) _____ (student's year at Clark) _____

Use this form to plan your course of study and keep track of your progress towards completing the major requirements.

➤ Core Courses (3)

- BIOL 101 Introduction to Biology
- EN 101 Environmental Science and Policy: Introductory Case Studies
- GEOG 104 Earth System Science

Core Courses (3) | Semester

➤ Mathematics (1 semester of statistics)

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|---|--|
| BIOL 106 Introduction to Biostatistics | BIOL 206 Advanced Biostatistics |
| GEOG 110 Introduction to Quantitative Methods | GEOG 247 Intermediate Quantitative Methods |
| ECON 160 Introduction to Statistical Analysis | |
- (BIOL 106 or GEOG 110 are preferred. PSYC 105 may be accepted at the discretion of the track advisor.)

Mathematics Course (1) | Semester

➤ Introductory Science (3, must draw on at least two different disciplines e.g. BIOL & PHYS)

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|-------------------------------------|--|
| BIOL 102 Introduction to Biology II | CHEM 103 Accelerated Intro Chemistry |
| BIOL 105 Evolution | CHEM 141 Field Methods in Chemistry |
| BIOL 216 Ecology | PHYS 110 Introductory Physics |
| CHEM 101 Introductory Chemistry I | PHYS 111 Introductory Physics- Part II |
| CHEM 102 Introductory Chemistry II | |

Introductory Science Courses (3) | Semester

➤ ES&P Required Courses (2)

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| EN 120 Discovering Environmental Science | EN 290 Capstone Research (Fall of the Senior Year) |
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ES&P Required Courses (2) | Semester

➤ Science Electives (3, at least one at 200 level)

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|--|---|
| BIOL 109 Microbiology | GEOG 102 Weather and Climate |
| BIOL 114 Marine Biology | GEOG 116 Forest Ecology |
| BIOL 118 Genetics | GEOG 119 The Arctic in the Anthropocene |
| BIOL 201 Ecology of Atlantic Shores | GEOG 205 Introduction to Hydrology |
| BIOL 208 Conservation and Effective Practice | GEOG 216 Field Methods in Environmental Science |
| BIOL 216 Ecology | GEOG 232 Landscape Ecology |
| BIOL 220 Population Biology | GEOG 263 Climate System & Global Env. Change |
| BIOL 258 Small Scale Land Conservation | GEOG 283 Terrestrial Ecosystems & Global Change |
| PHYS 243 Technology of Renewable Energy | |

➤ Science Electives (3, at least one at 200 level), continued:

Science Electives (3) | Semester

➤ Social Science Electives (2)

ECON 254 Environmental Economics	IDND 066 Global Society
ECON 256 Modeling Ecological-Economic Systems	ID 112 Sustainability, Peace & Justice
ECON 257 Environment & Natural Resource Economics	ID 125 Tales from the Far Side
ECON 258 The Economics and Policy of Food	ID 130 Intro. to Economic Development
GEOG 127 Political Economy of Development	PSCI 050 Intro to American Government
GEOG 136 Gender and Environment	PSCI 146 The United Nations and Intnt'l Politics
GEOG 179 Global Environmental Justice	PSCI 154 Intro to Public Policy in the United States
GEOG 220 Property and the Global Environment	PSCI 159 Political Participation in US
GEOG 224 Economy and Environment	PSCI 176 U.S. Environmental Politics
GEOG 248 Social Justice and the City	PSCI 216 Comparative Environmental Politics
SOC 205 Sociology of the Environment	PSCI 276 Environmental Law
SOC 232 Population, Environment, Development	

(Students may substitute another course in social science (emphasis on public policy) with approval from track advisor)

Social Science Electives (2) | Semester

➤ ES&P Electives (4, with at least two at the 200 level)

EN 207 Climate Change, Energy and Development	GEOG 247 Intermediate Quantitative Methods in Geog
EN 277 Sustainable Consumption and Production	GEOG 261 Decision Methods for Environ Mgmt & Policy
EN 242 Sustainable Development Assessment & Planning	GEOG 280 Urban Ecology: Cities as Ecosystems
EN 245 Natural Resource Management	MGMT 252 Green Business Management
(or EN 177, 203, 241, 255, 262, 264, 258, 282 as offered)	PHIL 131 Environmental Ethics

ES&P Electives (4) | Semester

➤ Honors (optional)

Prospective honors students must apply to the ES director and complete at least two semesters of independent research.
 EN 297 Honors Directed Research
