

TRACK: ENVIRONMENTAL SCIENCE & POLICY

revised December 2011

Advising Sheet for (student) _____ (email) _____

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

Core Courses (3)

- BIOL 103 Principles of Environmental and Conservation Biology
- EN 101 Environmental Science and Policy: Introductory Case Studies
- GEOG 104 Earth Systems Science

Core Courses (3) | Semester

Mathematics (1 semester of statistics)

- BIOL 106 Quantitative Methods in Biology
 - ECON 160 Introduction to Statistical Analysis
 - GEOG 110 Introduction to Quantitative Methods
 - PSCI 107 Research Methods
- (BIOL 106 and GEOG 110 are preferred. PSYC 105 may be accepted at the discretion of the track advisor)

Mathematics Course (1) | Semester

Introductory Science (3)

- BIOL 102 Introduction to Biology II
- CHEM 102 Introductory Chemistry II
- BIOL 105 Evolution
- PHYS 110 Introductory Physics
- BIOL 216 Ecology
- PHYS 111 Introductory Physics–Part II
- CHEM 101 Introductory Chemistry I

Introductory Science Courses (3) | Semester

ES&P Required Courses (2)

- EN 120 Discovering Environmental Science
- EN 290 Capstone Research (Fall of the Senior Year)

ES&P Required Courses (2) | Semester

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

- BIOL 109 Microbiology
- BIOL 114 Marine Biology
- BIOL 118 Genetics
- BIOL 201 Ecology of Atlantic Shores
- BIOL 216 Ecology
- BIOL 220 Population Biology
- BIOL 224 Ecology of Disease Vectors
- BIOL 258 Conservation Biology
- BIOL 217 Ecology of Infectious Disease
- GEOG 102 Weather and Climate
- GEOG 115 Intro to Hydrology
- GEOG 116 Forest Ecology
- GEOG 119 Arctic Systems Science
- GEOG 232 Landscape Ecology
- GEOG 263 Climate System & Global Environmental Change
- GEOG 271 Groundwater Hydrology and Management

CHEM 141 Field & Lab Methods for Environ Chemistry
CHEM 142 Environmental Chemistry
EN 241 Environmental Toxicology
EN 204 Field Methods: Energy & Envir. Sciences

GEOG 216 Field Methods for Environmental Science
GEOG 283 Terrestrial Ecosystem Ecol & the Atmosphere
PHYS 243 Technology of Renewable Energy

Science Electives (3) | Semester

Social Science (2)

ECON 157 Economics of Natural Resources & Environ.
ECON 257 Environment & Natural Resource Economics
GEOG 124 Global Warming: How to Respond?
GEOG 126 Political Geography of Resource Development
GEOG 127 Political Economy of Development
GEOG 224 Economy and Environment
GEOG 248 Social Justice and the City
ID 112 Leading Issues in Sustainable Development

ID 125 Tales from the Far Side
ID 130 Intro. to Economic Development
IDND 066 Global Society
PSCI 050 Intro to American Government
PSCI 154 Intro to Public Policy in the United States
PSCI 159 Political Participation in US
PSCI 216 Comparative Environmental Politics
SOC 205 Sociology of the Environment

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 103 The Sustainable University
EN 177 Health and the Urban Environment
EN 203 Water: Socio-Ecological Perspective
EN 204 Field Methods: Energy & Envir. Sciences
EN 207 Climate Change, Energy and Development
EN 241 Environmental Toxicology
EN 242 Sustainable Development Assessment & Planning
EN 245 Natural Resource Management
EN 255 Global Health: Epidemiological Perspective
EN 261 Decision Methods for Environ Mngmt & Policy
EN 264 Environmental and Social Epidemiology

EN 258 Food Production, Environment & Health
EN 268 Global Renewable Energy Systems
EN 277 Sustainable Consumption and Production
EN 282 Environmental Pollution Policy in US
GEOG 221 Ecology of Resistance & Transformation
GEOG 247 Intermediate Quantitative Methods in Geog
GEOG 226 Social Theories of Environ Risks & Hazards
GEOG 280 Urban Ecology: Cities as Ecosystems
MGMT 252 Green Business Management
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

Honors (1 semester in addition to Capstone) | Semester
