

TRACK: ENVIRONMENTAL SCIENCE & POLICY

Revised May 2009

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 Sustainability Science: Environment, Society and Technology

GEOG 104 Earth Systems Science

(Students taking EN 120 prior to 2007 may use this instead of EN 101)

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

GOVT 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

ES&P Required Courses (2) | Semester

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

BIOL 109 Microbiology

GEOG 102 Weather and Climate

BIOL 114 Marine Biology

GEOG 103 Natural Environment of New England

BIOL 118 Genetics

GEOG 114 Intermediate Geomorphology

BIOL 201 Ecology of Atlantic Shores

GEOG 115 Intro to Hydrology

BIOL 216 Ecology

GEOG 119 Arctic Systems Science

BIOL 217 Ecology of Infectious Disease

GEOG 116 Forest Ecology

BIOL 220 Population Biology
BIOL 224 Ecology of Disease Vectors
BIOL 258 Conservation Biology
CHEM 142 Environmental Chemistry
EN 241 Environmental Toxicology

GEOG 232 Landscape Ecology
GEOG 263 Climate System & Global Environmental Change
GEOG 271 Groundwater Hydrology and Management
GEOG 281 Tropical Ecology
GEOG 283 Land-Atmosphere Interactions

Science Electives (3) | Semester

Social Science (2)

ECON 157 Economics of Natural Resources & the Envir
ECON 257 Environment & Natural Resource Economics
EN 124 Global Warming: How to Respond?
GEOG 022 Why Global Warming Matters
GEOG 025 Suburban Sprawl under the Microscope
GEOG 126 Political Geography of Resource Development
GEOG 127 Political Economy of Development
GEOG 224 Economy and Environment

GOVT 154 Politics of Public Policy in the U.S.
GOVT 157 Politics of U.S. Environmental Issues
GOVT 213 Policy Analysis
GOVT 216 Comparative Environmental Politics
GOVT 223 Suburban Policy Issues
GOVT 281 Politics of Policy Implementation
SOC 205 Sociology of the Environment

Student 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 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 Management & Policy
EN 264 Environmental and Social Epidemiology
EN 277 Sustainable Consumption and Production
EN 282 Management of Environmental Pollutants

GEOG 247 Intermediate Quantitative Methods in Geog
GEOG 250 Technology & Environmental Assessment
GEOG 226 Social Theories of Environ Risks & Hazards
GEOG 280 Urban Ecology: Cities as Ecosystems
GEOG 284 Environ/Development in Middle East/Africa
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
