Environmental Studies and Sustainability Major

Requirements for the Major (48 or 52 credits)

I. Core (16 credits)
ESS 101 - Introduction to Environmental Geology  OR  BIOL 150 - Ecology and Evolution
ESS 210 - Environment, Society and Sustainability
ESS 215 - Environmental Science
ESS 302 - Geographic Information Systems

II. Experiential (0-2 credits)
Majors must acquire hands-on experience related to environmental concerns. This requirement may be met through relevant Academic Internships, Drew International Seminars, other study abroad programs with environmental or sustainability components, civic engagement and volunteer experiences, and appropriate independent research at Drew or elsewhere (excluding literature research projects). Must be completed before the start of the last semester; must be approved in advance by the ESS Program Director.

III. Capstone (4 credits)
ESS 400 - Environmental Studies and Sustainability Capstone Seminar

IV. Tracks
A. Environmental Studies (28 credits)
28 credits of Electives (listed below) and including at least 16 upper-level credits (300 or 400 level.)

B. Environmental Science (32 credits)
ESS 101 - Introduction to Environmental Geology
BIOL 150 - Ecology and Evolution
CHEM 150 - Principles of Chemistry I
CHEM 160 - Principles of Chemistry II
16 credits of electives, with at least 8 credits of science courses (* on list) and with at least 12 credits at the intermediate or upper-level (200, 300, or 400 level.)

Electives (Environmental Science electives are designated with an asterisk *)

ESS 101 - Introduction to Environmental Geology  ANTH 322 - Primatology *
ESS 103 - Introduction to Climate Change  BIOL 150 - Ecology and Evolution
ESS 104 - Toxic Chemicals *  BIOL 308 - Conservation Biology *
ESS 265 - Energy and Environment *  BIOL 314 - Animal Behavior *
ESS 271 - Environmental History  BIOL 318 - Freshwater Ecology *
ESS 281 - Topics in Environmental Humanities  BIOL 320 - Tropical Marine Ecology *
ESS 282 - Topics in Environmental Science *  BIOL 324 - Forest Ecology *
ESS 283 - Topics: Environment & Society  BIOL 338 - Ornithology *
ESS 300 - Research in Environmental Studies  CHEM 103 - Turning Green
ESS 330 - Topics in Economics and the Environment  CHEM 150 - Principles of Chemistry I
ESS 331 - Archeology and Sustainable Culture  CHEM 320 - Fundamentals of Analytical Chemistry *
ESS 332 - Wildlife and Culture  DIS 321 - Advanced Analytical Chemistry *
ESS 344 - Environmental Aesthetics  DIS 201 - Drew International Seminar
ESS 381 - Advanced Topics in Environmental Humanities  ECON 245 - Environmental Economics
ESS 382 - Advanced Topics in Environmental Science *  ECON 247 - Economics of Business and Sustainability
ESS 383 - Advanced Topics: Environment and Society  PSCI 320 - Environmental Policy and Politics
ANTH 202 - Ecological Anthropology  REL 218 - Environmental Ethics
SPAN 326 - Self, Place & Environment in Hispanic World