

Curriculum for a BA in Environmental Policy at Union College

(Revised 6/21/2014)

A. Required Introductory Course (1 course)

1. ENS 100 *Introduction to Environmental Studies* (1)

B. Required Policy Courses (4 courses)

1. ECO 228 *Environmental Economics* (1), and
2. **three** courses from AAH 265 *Environmentalism & Globalization in Contemporary Art*, ANT 241 *Environmental Anthropology*; ANT 248 *Sustainable Culture*, CLS 153 *The Ancient Environment*; ENS 201 *Food Ecology*, HST 225 *American Environmental History*; PHL 272 *Sustainability Theory and Practice*, PHL 273 *Environmental Ethics*, PHL 339 *Environmental Ontology: Where the Wild Things Are*, PSC 260 *Policy Making & American Society*, PSC 272 *The Environment, Energy, and U.S. Politics*, REE 300T *History & Environment of Siberia*, SOC 260 *Demography: Population & Society*, SOC 271 *Sociology of Disaster*, SOC 358T *Marine Policy & Maritime Environment*, SOC 359 *Environmental Policy & Resource Mgmt* (3)

C. Quantitative Methods and Spatial Analysis (1 course)

1. **one** course from ECO 243 *Introduction to Econometrics*, ENS 204 *Geographic Information Systems*, PSY 200 *Statistics*, or SOC 300 *Quantitative Methods of Social Research* (1)

D. Required Science Courses (3 courses)

1. BIO 110 *Heredity, Evolution and Ecology* (1)
2. BIO 320 *Ecology*, or BIO 322 *Conservation Biology*, or BIO 324 *Plant Ecology*, or BIO 350T *Terrestrial Ecology* (1)
3. GEO 106 *Introduction to Oceanography*, or GEO 108 *Earth Resources*, or GEO 109 *Geologic Perspectives on Global Warming*, or GEO 110 *Physical Geology*, or GEO 112 *Environmental Geology*, or GEO 117 *Natural Disasters*, or GEO 120 *Earth and Life through Time* (1)

E. Areas of Concentration (4 upper level courses; no double counting from above)

The following are suggested areas of concentration. Alterations should be approved by the ESPE Director.

Environmental Law and Management	Environmental Problems and Response	Marine Studies	Energy and Sustainability
CLS 153 <i>Ancient Environment</i> ENS 208 <i>Waste Management & Recycling</i> ENS 277 <i>The Water Paradox</i> ENS 299 <i>Environmental Forensics</i> GEO 109 <i>Geologic Perspectives on Global Warming</i> GEO 209 <i>Paleoclimatology</i> GEO 335T <i>Living on Edge</i> HST 138 "Big History" HST 225 <i>American Environmental History</i> PHL 272 <i>Sustainability Theory & Practice</i> PHL 273 <i>Environmental Ethics</i> PHL 339 <i>Environmental Ontology</i> PSC 260 <i>Policy Making & American Society</i> PSC 264 <i>Congressional Politics</i> PSC 272 <i>The Environment, Energy, & U.S. Politics</i> PSC 273 <i>The Supreme Court & Judicial Politics</i> REE 300T <i>History & Environment of Siberia</i> SOC 240 <i>Political Sociology</i> SOC 260 <i>Demography: Population & Society</i> SOC 270 <i>Social Movements, The Environment, & Society-</i> SOC 358T <i>Marine Policy & the Maritime Environment</i> SOC 359 <i>Environmental Policy & Resource Management</i> TAB358T <i>Sustainability Down Under Internships*</i>	AAH 265 <i>Environmentalism & Globalization in Contemporary Art</i> ANT 241 <i>Environmental Anthropology</i> ANT 248 <i>Sustainable Culture</i> CLS 153 <i>Ancient Environment</i> EGL 280 <i>Nature & Environmental Writing</i> EGL 305 <i>Seminar: Black Eco-Poetry</i> ENS 201 <i>Food Ecology</i> ENS 208 <i>Waste Management & Recycling</i> ENS 222/MLT 209 <i>The New Wall of China</i> ENS 247 <i>Sustainable Infrastructure</i> ENS 253 <i>Environmentally Friendly Buildings</i> ENS 277 <i>The Water Paradox</i> ENS 299 <i>Environmental Forensics</i> GEO 109 <i>Geologic Perspectives on Global Warming</i> GEO 209 <i>Paleoclimatology</i> GEO 355T <i>Living on the Edge - Alaska</i> HST 225 <i>American Environmental History</i> PHL 272 <i>Sustainability Theory & Practice</i> PHL 273 <i>Environmental Ethics</i> PHL 339 <i>Environmental Ontology</i> REE 300T <i>History & Environment of Siberia</i> SOC 202 <i>Social Problems & Social Policy</i> SOC 260 <i>Demography: Population & Society</i> SOC 270 <i>Social Movements, The Environment, & Society</i> SOC 271 <i>Sociology of Disaster</i> SOC 359 <i>Environmental Policy & Resource Management</i> SOC 370 <i>Public Health Care Policy & Society</i> SOC 387T <i>Community Service Mini Term</i> TAB 321T <i>Miniterm in Argentina**</i> TAB 333T <i>New Zealand Miniterm</i> TAB358T <i>Sustainability Down Under</i>	BIO 328 <i>Aquatic Biology</i> BIO 256T <i>Coastal Biology</i> BIO 352T <i>Marine Ecology</i> GEO 106 <i>Introduction to Oceanology</i> GEO-304 <i>Carbonate Sedimentology</i> GEO 305 <i>Biogeochemistry</i> GEO 308 <i>Advanced Oceanography</i> SOC 358T <i>Marine Policy & the Maritime Environment</i> SOC 359 <i>Environmental Policy & Resource Management</i>	BIO 322 <i>Conservation Biology</i> ENS 200 <i>Energy</i> ENS 201 <i>Food Ecology</i> ENS 208 <i>Waste Management & Recycling</i> ENS 209 <i>Renewable Energy Technology</i> ENS 222 (MLT 209) <i>The New Wall of China</i> ENS 247 <i>Sustainable Infrastructure</i> ENS 253 <i>Environmentally Friendly Buildings</i> ENS 277 <i>The Water Paradox</i> ENS 299 <i>Environmental Forensics</i> PSC 272 <i>The Environment, Energy, & U.S. Politics</i> SOC 359 <i>Environmental Policy & Resource Management</i> TAB 333T <i>New Zealand Miniterm</i> TAB358T <i>Sustainability Down Under Internships*</i>

* **Internships:** Up to two internships may be counted toward any of the tracks above, provided the subject of the internship is selected with that track in mind and approved in writing by both the relevant internship director and the Director of the Environmental Science and Policy program. ANT 232T/ ECO 232T *Culture and Entrepreneurship* (Fiji term abroad); ANT 490T *Independent Study and Internship* (Tasmania term abroad); ECO 390 *Economics Internship*; MLT 300T *Serbia Internship*** PSC 277 *Local Government Internship*; PSC 279T *Washington, DC Internship Program*; SOC 385: *Sociology Internship in Human Services*

**Can count toward Environmental Policy major if the project or paper deals with environmental issues.

F. Environmental Services and Policy (1) - SOC 450 (Junior seminar for Environmental Policy majors)

G. ESPE Senior Seminar (1) - ENS 460

H. Thesis (2) - ENS 498 and 499

Total courses= 17