

Environmental Studies Minor Checklist

To obtain a minor in ES, students must satisfy the following:

- Envr 201, *Introduction to Environmental Studies*
- Envr 230, *Environmental Economics* (requires Econ 101) OR Envr 362, *Environmental Law and Policy* (requires Envr 201 or Plsc 260)
- Envr 269, *Environmental Ethics*
- Environmental Life Science requirement: Envr 199, Biol/Envr 109, Biol/ENVR 111 or Biol 207 (Biol 207 requires Envr 201)
- Environmental Physical Science requirement: Chem/Envr 110, Chem 316 (requires Chem 205), or Envr 250
- One additional elective chosen from the courses listed below

The following courses involve significant overlap in content: Biol 109/207; and Math 304/324. Credit toward the major can be given for *only one* course in each pair; for example, credit can be given for *either* Biol 109 *or* Biol 207, but not both.

Environmental Studies Electives

ES minors must take at least one of the courses listed below.

ES majors *must* take at least one Research Methods course, plus an additional three units of electives (including other Research Methods courses). ES majors may obtain a *Concentration* by taking three units within one of the two indicated Concentrations.

Students may specialize by taking multiple electives within one of the indicated *focus areas*: Conservation Biology (CB), Environmental Geospatial Techniques (GT), Pollution Analysis and Control (PAC), Environmental Economics (EE), and Sustainable Development (SD). Underlined abbreviations (eg, CB) indicated courses that are strongly recommended if you are interested in that particular focus within ES.

In each of the following pairs of courses, only one course can be counted towards the major/minor: Biology 109/207; Math 304/324.

Environmental Research Methods

- ❑ Envr 260, Intro to GIS (GT)
- ❑ Envr 360, Env Remote Sensing (GT)
- ❑ Envr 365, Advanced Spatial Analysis (GT)
- ❑ Anth 211, Intro to Ethnographic Field Methods*
- ❑ Chem 301, Quantitative Chemical Analysis* (PAC)
- ❑ Chem 302, Instrumentation & Spectroscopy* (PAC)
- ❑ Chem 303, Chemical Separations* (PAC)
- ❑ Econ 340, Econometrics* (EE)
- ❑ Math 219, Intro to Design of Experiments
- ❑ Math 304, Math Models Biology/Medicine* (CB,PAC)
- ❑ Math 324, Continuous Math Models* (CB,PAC)
- ❑ Soc 211, Sociological Research Methods*

Environmental Science Concentration

- ❑ Biol 108, Environmental Biology
- ❑ Biol/Envr109, Introduction to Ecology
- ❑ Biol/Envr111, Marine Biology of the Chesapeake
- ❑ Biol 207, Ecology
- ❑ Biol 225, Evolution (CB)
- ❑ Biol 306, Systematic Botany (CB)
- ❑ Biol 331, Molecular Ecology (CB)
- ❑ Biol 332, Tropical Marine Biology*
- ❑ Biol 333, Microbial Ecology*
- ❑ Biol 334, Oceanography*
- ❑ Biol 341 Animal Physiological Ecology
- ❑ Biol 344, Behavioral Ecology
- ❑ Biol 381 Advanced Topics in Ecology
- ❑ Biol 382 Conservation Biology
- ❑ Biol 383, Tropical Biology & Conservation (CB)
- ❑ Chem/Envr 110, Pollutants in the Environment
- ❑ Chem 316, Environmental Chemistry* (PAC)
- ❑ Envr/Geog250, Earth Systems & Physical Geography
- ❑ Envr 315, Landscape Ecology (CB)
- ❑ Envr 350: Environmental Gradients (CB)
- ❑ Envr 320, 388, 390 (with Coordinator approval)

Environment and Society Concentration

- ❑ Econ 211, Econ Development Asia, Africa, Latin America* (EE,SD)
- ❑ Envr 220, Ecotourism
- ❑ Envr 330, Envmtl & Resource Econ Theory* (EE)
- ❑ Geog 345, Society, Economy and Nature (SD)
- ❑ Envr 320, 388, 390 (with Coordinator approval)
- ❑ Envr/Geog 215, Geography of the James
- ❑ Geog 320, Power, Space and Territory (SD)
- ❑ Geog 333: Geography of Amazonia (CB,SD)
- ❑ Geog 370, Geographies of Econ Development and Globalization (SD,EE)
- ❑ Hist 390, Food and Power in Africa and Asia (SD)
- ❑ Mgmt 348, Environmental Management
- ❑ Mgmt 353 Sustainability, Accountability, & Business
- ❑ Plsc 260, Public Policy
- ❑ Plsc 360, International Development Policy* (SD)
- ❑ Relg 374, Religion & the American Environment