

The Environmental Studies MAJOR

The George Washington University

Effective Fall 2016

To declare as an Environmental Studies Major, please contact the Geography Department, or CCAS Program Advisors, to discuss your options, and fill out the required paper work.

Program Director: Prof. David Rain, drain@gwu.edu, (202) 994-8523

Program Adviser: Prof. Melissa Keeley, keeley@gwu.edu, (202) 994-7156 [on sabbatical for the 2016-17 academic year]

Environmental Studies majors must complete a minimum of **47-49** credits in associated interdisciplinary coursework. This will include the Core Foundational Courses listed below, three courses each from Groups 2 and 3 below, two additional upper-level Green Leaf courses, and the senior capstone class which is offered in Spring only.

1. Core Foundational Courses – take all 5

COURSE Number	Course Name	Credits
BISC 1006	Ecology and Evolution of Organisms, OR	3
BISC 1112	Introductory Biology: the Biology of Organisms	4
GEOG 1002	Intro to Physical Geography, OR	4
GEOL 1005	Environmental Geology	4
GEOG 1003	Society and Environment	3
GEOG 2104	Intro to Cartography and GIS	3
STAT 1053	Intro to Stats for Social Sciences	3

2. Science Courses – take 3 of 8

COURSE Number	Course Name	Credits
BISC 2454	General Ecology	4
BISC 3460	Conservation Biology	3
BISC 3459	Field Biology*	3
CHEM 2085	Environmental Chemistry	3
GEOG 2108	Weather and Climate	3
GEOG 2128	Geomorphology*	3
GEOG 2136	Water Resources	3
GEOL 2106	Oceanography	3

3. Society Courses – take 3 of 8

COURSE Number	Course Name	Credits
ECON 2136	Environmental and Natural Resource Economics Note: requires Econ 1011-12 as prerequisites	3
GEOG 2133	People, Land and Food	3
GEOG 2134	Energy Resources	3
GEOG 3132	Environmental Quality and Management	3
GEOG 3143	Urban Sustainability	3
GEOG 3193	Environmental Law	3
HIST 3001.16	Special Topics: Environmental History since 1750	3
PPPA 2701	Sustainability and Environmental Policy	3

4. **Field Methods Requirement** – GEOG 2196 or equivalent (starred classes can also count, but if they are used to satisfy the field methods requirement they cannot also count as a science class). Students can also satisfy this requirement with a study abroad class (or a class at another US institution) as long as significant environmental measurement is involved, and the class is pre-approved by an Environmental Studies adviser.
5. **Senior Capstone Course** – GEOG 4195W. This seminar course is offered every spring and is required for the Environmental Studies major.
6. **Two additional upper-level Green Leaf courses** (for list see <http://sustainability.gwu.edu/green-leaf-course-list>)