

ENVS Major with a Concentration in Global Environmental Systems

Name: _____ Date: _____

Advisor's Signature: _____

Other majors/minors: _____

For the requirements below, write in the name of the class(es) that fulfill each requirement and the semester you took (or plan to take) the classes. Requirements that may be fulfilled by a number of different courses (to be chosen from a list of pre-approved courses) are italicized. More about the pre-approved classes: http://www.sas.upenn.edu/earth/u_env.html#Pre-approved_courses

Required Core Courses (8 cu's).

- 1) ENVS 200: Intro to Environmental Analysis(1 cu) _____
 - 2) ENVS 204: Global Climate Change or GEOL 100: Intro to Geology or 109: Intro to Geology (1 cu) _____
 - 3) *Data Analysis and Statistics* (1 cu) _____
 - 4) *Economics and Policy* (1 cu) _____
 - 5) ENVS 301: Environmental Case Studies or ENVS 400 Environmental Studies Seminar (1 cu) _____
 - 6) *Geographical or Environmental Modeling* (1 cu) _____
 - 7) ENVS 399 Environmental Research Seminar (1 cu) _____
 - 8) ENVS 499/498a and b: Senior Thesis (0.5 cu each) _____
- Field course or equivalent experience, curriculum-related practical experience _____

Global Environmental Systems (7cu's): Course work is focused on understanding global environmental systems.

- 1) Earth Systems Dynamics(1 cu)_____
- 2) Biotic History (1 cu)_____
- 3) Geochemical Dynamics (1 cu)_____
- 4) Global Politics and International Relations (1 cu)_____
- 5) International Environmental Issues: (1 cu)_____
- 6-7) Two upper division courses that are thematically related to the senior thesis and are chosen with the approval of a major advisor. Courses in Environmental Modeling or Field based courses are strongly recommended for this concentration. (2 cu) _____.