

HYDROLOGIC SCIENCES AND POLICY MAJOR, B.S. – 2024-2025

PREPARATION FOR THE MAJOR

UNITS TO COMPLETE

Environmental Studies 1 or 3; and 40	10
One course from: Economics 1, 2, 9; Environmental Studies 30	5
Chemistry 1A-B-C and 2AL-BL (or 1AL-BL-CL)	15
Physics 6A-AL-B-BL-C-CL or 7A-B-C-L (or 1-2-3-3L)	12-13
MCDB 1A-1B-1LL, EEMB 2-2LL-3	17
Mathematics 2A-B or 3A-B, and 4A-B	16-18
One course from: PSTAT 5A, 5LS	5
Earth Science 2	4
Geography 4	5

UPPER-DIVISION MAJOR

56 UD units are required, distributed as follows:

- A. Environmental Studies 102, 144*, 163A, 193DS or 193SW (or 164); Geography 116* 21
- B. One course from each of the following six clusters of courses:
1. Water Policy, Management, and Society: Anthropology 147*; Environmental Studies 163B, 193TW 4
 2. Water Quality: Environmental Studies 162*, 168*, 169* 4
 3. Introduction to GIS: Earth Sciences 176; Environmental Studies 154;
Geography 176C (5 unit course and GEOG 176A-B from Area C are prerequisites)..... 4-5
 4. Soil and Ecology: EEMB 120, 148, 168; Environmental Studies 101, 114A*,
128*, 133*, 171* 4
 5. Climate and Environmental Justice: Environmental Studies 116, 130A, 134CJ*, 180, 181, 186, 188 4
 6. Field Studies: Environmental Studies 114B* (ENVS 114A is a prerequisite), 119*; Geography 112 4
- C. Any units from the following list of electives and/or one additional course from any cluster in Area B, excluding #3, may be used to bring the total number of UD units completed in the major to 56:
Earth Science 106, 113, 114, 117, 130, 131, 134, 164B, 175; Environmental Studies 145, 190,
192, 195A-B-C, 197, 199, 199RA; Geography 110, 115A-B-C, 119, 133, 134, 137, 142,
172, 175, 176A-B, 178 10-11

Note: No more than 8 units combined and 4 units each from Environmental Studies 192, 199, 199RA may apply

* Indicates a cross-listed course that may be taken through another department.

MAJOR REGULATIONS

PREREQUISITES..... Check the *General Catalog* for the prerequisites to all listed courses.

P/NP GRADING OPTION Up to 3 units of Env S 190 and 4 units of Env S 192 graded P will be accepted. All other courses applied to the major (prep or UD), including those applied to the major from other departments, must be completed for a letter grade.

SUBSTITUTIONS..... In the major requirements permissible only by petition to the department chair and dean.

G.P.A. REQUIREMENTS..... At least 2.0 overall UC average in **all** upper-division major courses **and** **all** courses (Prep and UD) for the major.

DOUBLE MAJORS With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.