

ENVIRONMENTAL STUDIES PROGRAM
4312 BREN HALL—PHONE 893-3185
<http://www.es.ucsb.edu>
 College of Letters and Science
 University of California, Santa Barbara

Name _____
 Date _____ Perm # _____

HYDROLOGIC SCIENCES AND POLICY MAJOR, B.S. – 2016-2017
PHYSICAL AND CHEMICAL EMPHASIS

PREPARATION FOR THE MAJOR

UNITS YET TO COMPLETE

Economics 1, 2, or 9	4
Mathematics 3A-B, 4A-B	16
Chemistry 1A-AL-B-BL-C-CL	15
Physics 1-2-3-3L (recommended) or 6A-AL-B-BL-C-CL	12
Geography 3B	4
One course from: PSTAT 5A, 5LS	5
Earth Science 2	4
MCDB 1A-AL, MCDB 1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L	16
Environmental Studies 3 or Political Science 12	4
History 7	4

UPPER-DIVISION MAJOR

56 UD units are required, distributed as follows:

- A. Environmental Studies 144, 176A; Earth Science 168 or 169; EEMB 120 or Environmental Studies 100; Geography 112, 116 25
- B. Geography 114A, 162; Earth Science 114, 117 17
- C. 14 units from the following: Chemistry 109A-B-C, 113A-AL-B-C, 123, 150; EEMB 142B-BL, 167, 168, 186; Earth Science 102A-AL-B-BL-C-CL, 103, 104A, 113, 122, 124AA-ZZ, 125, 130, 168 or 169 (if not used above), 176; Environmental Studies 119, 128, 149, 176B, 190, 192, 197, 199, 199RA; Geography 110, 114B, 134, 166, 176A-B-C 14

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.
- RESIDENCE REQUIREMENTS** At least 20 UD units in major while in residence at UCSB.
- 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, including courses in excess of minimum requirements.
- DOUBLE MAJORS** With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.