

Hydrologic Sciences & Policy (B.S.) Worksheet 2025-26

LOWER-DIVISION / PREPARATION IN MAJOR (generally 1st and 2nd years)

ENVS 1 (F or Sum qtrs)*

or ENVS 3 (W or Sum qtrs)*

and ENVS 40 (F, W, S qtrs)*

Economics:

ENVS 30 (F qtr)* or

Economics 1 or 2 or 9

Physical Earth Sci.:

Earth Sci. 2

and Geography 4

Biology & Ecology:

MCDB 1A (F, Sum qtrs)*

MCDB 1B (W, Sum qtrs)*

MCDB 1LL (W, Sum qtrs)*

EEMB 2 (W, Sum qtrs)*

EEMB 2LL (S, F qtrs)*

EEMB 3 (S, F qtrs)*

Statistics:

PSTAT 5A or 5LS

Chemistry:

CHEM 1A 1B 1C

and 2AL and 2BL

Quantitative Skills:

Math 3A or 2A (F qtr)*

Math 3B or 2B (W qtr)*

Math 4A

Math 4B

Physics:

Physics 6A/AL

Physics 6B/BL

Physics 6C/CL

-----OR-----

Physics 7A

Physics 7B

Physics 7C + L

Advanced Placement (AP), International Baccalaureate (IB) and Transfer credit may be substituted for requirements above!

Review your *Course History/Profile* on GOLD for automatically articulated credit or see the ES Advisor for assistance.

UPPER-DIVISION (generally 3rd and 4th years) - Total of 56 units required!

A. U.D. REQUIRED COURSES (21 UNITS)

ENVS 102 (F qtr)*

ENVS 144[^] (S qtr)*

ENVS 163A (W qtr)*

ENVS 164 or 193DS (S qtr)*

Geography 116/Earth Sci. 173 (5 unit course) (W qtr)*

B. REQUIRED U.D. THEMED CLUSTERS (24-25 UNITS)

Complete one course from each of the following six clusters of courses. One additional course from each cluster, excluding #3, may apply to Area C if desired. ^ denotes course is cross-listed with another dept.

1. *Water Policy, Management, and Society:* ENVS 138[^], 163B, 193TW
2. *Water Quality:* ENVS 162[^], 168[^], 169[^]
3. *Intro to GIS:* Earth Sci. 176; ENVS 154; GEOG 176C (5 units & GEOG 176A-B from Area C are prerequisites)
4. *Soil and Ecology:* EEMB 120, 148, 168; ENVS 101, 114A[^], 128[^], 133[^], 171[^]
5. *Climate and Environmental Justice:* ENVS 116, 130A, 134CJ[^], 180, 181, 186, 188
6. *Field Studies:* ENVS 114B[^] (ENVS 114A[^] is a prerequisite), 119[^]; GEOG 112

C. U.D. ELECTIVES (10-11 UNITS)

Any units from the following list of electives and/or one additional course from any cluster in Area B, excluding #3 (Intro to GIS), 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, 156 (new), 190, 192, 193AW (new), 193GW (new),

195A-B-C, 197, 199, 199RA;

Geography 110, 115A-B-C, 119, 133, 134, 137, 142, 172, 175, 176A-B, 178

No more than 8 units combined and 4 units each from ENVS 192, 199, 199RA may apply.

Elective Courses:

Units:

1. _____
2. _____
3. _____
4. _____

Total = _____

Need 11 units unless completed GEOG 176C in Area B-3; then need just 10.

NOTES: • Study Abroad or Environmental Field Studies units may be used to satisfy part or all of Area C, and parts of Area A and B. They need to be hydrology related, U.D., and approved by petition. Consult an ES Academic Advisor for more information before pursuing one of these options: www.es.ucsb.edu/advising

• All courses, including cross-listed (either version), may apply to one area only in any part of the major.

• Courses taken to fulfill any major requirement must be taken for a letter grade unless only offered P/NP.

* Denotes specific quarter a course is to be offered; accurate for current academic year ONLY & subject to change year to year

>>> See the other side for more info <<<