

Hydrologic Sciences & Policy (B.S.) Worksheet 2024-25

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

ENVS 1 or 3 (F & W qtr)*
and
ENVS 40 (W qtr)*

Economics:
ENVS 30 (F qtr)* or
Economics 1 or 2 or 9

Earth Sci. 2

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

CHEM 1A 1B 1C
and 2AL, 2BL
(or 1AL-1BL-1CL) Ends 2024

Quantitative Skills:

Math 3A or 2A
Math 3B or 2B
Math 4A
Math 4B

Physics:

Physics 6A/AL
Physics 6B/BL
Physics 6C/CL

----- OR -----

Physics 7A
Physics 7B
Physics 7C + L
(or Phy. 1, 2, 3, 3L) This series to
be discontinued at end of 2024

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 (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 (F qtr)* ENVS 164 (193SW) 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 prereqs.)
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, 190, 192, 195A-B-C, 197, 199, 199RA;
Geography 110, 115A-B-C, 119, 133, 134, 137, 142, 172, 175, 176A-B, 178

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

Study Abroad or Environmental Field Studies units may be used to satisfy part or all of Area C, and potentially parts of Area B and A. 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: <https://www.es.ucsb.edu/advising>

Elective Courses:	Units:
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
Total = _____	

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

NOTE: 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 <<<