

BACHELOR OF Science (B.S.) WORKSHEET 2025-26

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

ENVS 1 (F or Sum qtrs)*
ENVS 2 (S or Sum qtrs)*
ENVS 3 (W or Sum qtrs)*

Culture, Society, Policy & Politics:

Anthro. 2 or Geog. 5
or Global St. 1 or 2
or Hist. 5 or 7 or
Poli. Sci. 6 or 7 or 12
or Psychology 1
or Relig. St. 1 or 14
or Sociology 1

Chemistry:
CHEM 1A 1B 1C
and 2AL + 2BL

Physical Earth Sci.:
Earth Sci. 2 or 4
or 20 or Geog. 3 or 4

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

Math 3A or 2A (F qtr)*
Math 3B or 2B (W qtr)*

Physics:
Physics 6A/AL
Physics 6B/BL
Physics 6C/CL
----- OR -----
Physics 7A
Physics 7B
Physics 7C + L

PSTAT 5A or 5LS
or Econ 5
(Or Comm. 87, Poli. Sci 15,
or Psy. 10B by petition)

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)*

Ethics & Justice:
ENVS 70 (W qtr)* or
Black St. 4 or
Fem.St. 50 or Ling. 50
or Phil. 4 or Pol.Sci. 1

**Advanced Placement (AP), International Baccalaureate (IB) and Transfer credit may be substituted for Prep for Major requirements!
Review your UCSB Course History on GOLD for automatically articulated credit or see an ES Advisor for assistance.**

UPPER-DIVISION (generally 3rd and 4th years) - Total of 65-66 units

A. ES REQUIRED COURSES (17-18 UNITS)

ENVS 190 (a 1 unit seminar offered P/NP only) (F or S qtrs)*
One course from: ENVS 164 (193SW), 193DS (S qtr)*;
GEOG 172; EEMB 146, 179; PSTAT 120A (Math 4A required)
One course from each of the three clusters of courses below:
1. *Ecosystems & Society:* ENVS 101, 130C, 149, 153(or 193GC)
2. *Energy, Water, Climate:* ENVS 115, 117, 163A
3. *Built Environment:* ENVS 116, 135A, 155, 156 (new)
Additional courses may be taken and used as Area B electives.

B. ES ELECTIVES (32 UNITS)

32 UD ES units from AP courses (#100-199) **not used** in Area A.
Section B-1: At least 20 units must be taken from this list: Envs 101, 103A^, 105, 111^, 113^, 114A-B^, 115, 119^, 120A-B, 121, 128^, 130C, 133^, 134, 137, 140, 141, 142, 144^, 145, 147, 148, 149^, 150, 152^, 153, 154, 156, 162^, 163A, 164, 166DC, 167^, 168^, 169^, 171^, 193AW, 193CS, 193DS, 193EB^, 193GW, 193ST, 193TF, 197. ^ = cross-listed

ES Elective Courses	Units
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Section B-2: Any UD ES courses to reach 32 total units

6. _____	_____
7. _____	_____
8. _____	_____

No more than 8 units combined and 4 units each from Envs 192, 194, 199, and 199RA may apply; and max 12 UCEAP units by petition.

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

Total = 16

C. OUTSIDE CONCENTRATION (16 UNITS)

There are 2 options for the Outside Concentration:

1) Single department: Complete any 16 upper-division units from any **one** of the following **STEM** departments: Chemistry & Biochemistry, EEMB and/or MCDB (Bio), Earth Sciences, Geography (only courses that apply to the B.S. Physical Geog. major), Math, Statistics, Physics, or Psychological & Brain Sciences. Completion of a double major or minor from the above depts will satisfy this area. If pursuing an official minor make sure 16 UD units don't overlap with Areas A or B.

OR

2) Interdisciplinary emphasis: Combination of 16 upper-division units from more than one department listed above may be used to create a concentration of study as long as they form a coherent focus or emphasis. A student pursuing this option must submit a [Petition for Degree Requirements](#) to ES justifying how proposed courses relate to each other and the desired concentration. A list of some example environmental concentrations one might use is available from the ES website at: www.es.ucsb.edu/degrees.

NOTE: Study Abroad or Environmental Field Studies units may be used to satisfy part or all of Area C using either option 1 or 2 above. Units earned must be UC transferable, upper-division, and relate to a student's chosen concentration. A *Petition for Degree Requirements* must be approved by Environmental Studies before units will be accepted.

Students interested in applying study abroad or field studies units, or pursuing an interdisciplinary emphasis, are encouraged to consult an ES Advisor before starting. Visit the ES Advising webpage at: www.es.ucsb.edu/advising

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

Environmental Studies (ES) at UCSB offers three undergraduate degrees. The two majors in Environmental Studies (B.A. & B.S.) addresses the interdisciplinary relationships needed to understand today's complex environmental problems by focusing on understanding the interrelationships between the humanities, social sciences, and natural and physical science disciplines. Offering two degree options affords students the opportunity to choose a major that will most appropriately fit their individual environmental interests and goals. A third major in Hydrological Sciences and Policy (B.S.) provides students with the scientific training and a fundamental background in policy needed to understand and solve complex hydrologic (water related) problems at local, regional, and global levels.

The Bachelor of Science Degree (B.S.) in Environmental Studies, shown on the reverse-side, is designed to train students to become proficient in the natural and physical sciences while also being aware how social and cultural influences play a part in solving today's complex environmental problems. For the lower-division Preparation in the Major students take a heavy load of natural and physical science courses to build a solid STEM foundation while also enrolling in a variety of introductory social science and humanities courses. At the upper-division level students take a few required courses from three clusters of ES courses as well as an additional statistics or modeling course (Area A). In Area B they form a specific or multidisciplinary environmental emphasis by completing 32 ES elective units, 20 of which have a strong STEM focus (Area B-1 list). The last part of the major is a 16 unit upper-division outside concentration where students complete courses from one or more UCSB science departments relating to their educational goals (Area C). Approximately one-third of all environmental studies majors elect to use this section to complete a double major or minor and another quarter participate in a environmental field studies or study abroad program. Visit the ES website for more info about these options. Other useful worksheets online include: *Four Year Plan to Complete the ES Major & GE's* and *Guide to Creating Your Own Concentration* at www.es.ucsb.edu/degrees

Declaring The Environmental Studies Major: Environmental Studies does not have a "pre-major" or require one to complete the entire Preparation for the Major before they can declare. However, to affirm one feels confident ES is the right major for them, we ask students complete at least one of the lower-division introductory ES courses (ENV S 1, 2, 3 or 40) and a minimum of two other lower-division Preparation for the Major courses before submitting their change of major petitions. Exceptions for those who are currently enrolled in one of the above courses or for other extreme circumstances may be considered. There's no minimum GPA requirement to declare, but one should be in good academic standing with at least an overall GPA of 2.0 or higher.

The process for declaring the ES major is online via UCSB's Student Success Hub. The instructions and link to this page are found on the ES website here: www.es.ucsb.edu/declaring-major Those declaring a double major will follow a slightly different procedure and must also complete the *Memo of Understanding for Double Majors*. The change of major process takes on average 1-2 weeks to be completed and show up on GOLD.

If you have any questions about how to declare the ES major, or major requirements, contact an Environmental Studies Academic Advisor here: www.es.ucsb.edu/advising or by email at: advising@es.ucsb.edu

DON'T BE THE LAST TO KNOW - Make sure you subscribe to and read *ESmail*, the Environmental Studies Student Email Newsletter! If you're a ES major, or considering becoming one, you should subscribe to the ES Program's *ESmail* listserv (use any email address). Managed by the ES Academic Advisors, this free email service is open to anyone interested in staying up-to-date on what's going on within Environmental Studies. One to two email messages are posted each week containing important information such as: upcoming campus deadlines, schedule of classes updates, scholarship opportunities, internship and job listings, special environmental events and lectures, and much more. One may unsubscribe from the service at anytime. **To subscribe visit:** www.es.ucsb.edu/mailling-lists and follow the posted directions.