

THE FOUR YEAR PLAN – B.S. Major!

This worksheet is designed to assist Environmental Studies (ES) students with course scheduling and allow for orderly progression through all graduation requirements within a four-year period. Below is a summary of the General Education and University requirements and how they overlap with ES major requirements. On the reverse side is a possible plan to complete the B.A. major requirements for the ES degree. One must still add in courses to fulfill GE and University requirements not satisfied by the major and the plan assumes one will earn satisfactory grades in all courses taken. **This is not the only acceptable approach**, but an example of one that works. As much as possible, we have placed courses in quarters in which they are normally offered. However, due to the constantly changing faculty schedules, variation of course offerings may occur. Therefore, one may want to consult an academic advisor to determine if adjustments are necessary!

SUMMARY OF NON-MAJOR REQUIREMENTS:

In addition to major requirements (review the [B.S. major requirement worksheet](#)), one must satisfy UCSB's Unit, University, and General Education (GE) requirements. For your convenience, these requirements are summarized below. They are explained in more detail within the [UCSB General Catalog](#) or the [College of Letters and Science Degree Requirements webpage](#). For questions regarding requirements outside the ES major, please consult a College of L&S Advisor by visiting their advising website at: <http://www.duels.ucsb.edu/advising>

Units: The minimum number of units required to graduate is 180, of which 162 must come from the Letters and Science (L&S) list of courses and 60 L&S-listed units must be upper-division. Students who fulfill the foreign language requirement with UCSB course work must add 4 overall L&S-listed units, for total of 184 and 166.

University Requirements: Satisfy four university requirements: **1)** Entry Level Writing Requirement (by exam or grade of at least C in UCSB's Writing 1 course); **2)** American History and Institutions [*ai*] (by exam or one course from approved list); **3)** Academic Residence; **4)** GPA (2.0 minimum GPA in 3 categories: overall, in the major, and upper-division major).

General Education (GE) Requirements: **GE requirements for the B.S. include 11-14 courses** to satisfy General Subject Areas (A through G) and four Special Subject Areas: one quantitative relationships [#], one world culture [+], one ethnicity [&], and six writing courses [*]. No ~~European traditions~~ [Δ] for B.S. majors. Courses may be applied simultaneously to both GE Areas and Special Subject requirements, as well as simultaneously towards your ES major requirements.

LIST OF COURSES SIMULTANEOUSLY SATISFYING THE ES B.S. MAJOR AND GE REQUIREMENTS:

- Area A English Reading & Composition:** 2 courses required. A-1) _____ and A-2) _____ (Optional: Writ. 105S, 107EP)
- B Third-quarter Foreign Language:** (or examination; or C avg. in 3rd-year high school foreign language) _____.
- C Science, Mathematics, and Technology:** 3 Courses Required. 1) ES 2* 2) Chem 1A 3) Math 3A#.
(Other courses that may apply: EEMB 3, MCDB 1A, Geog 3 or 4, Earth 2#, 4# or 20#, ENVS 115#, Math 2AB#, 3B#, Pstat 5A#, 5LS#, Phys. 6A/AL#, B/BL#, C/CL# or 1)
- D Social Sciences:** 2 Courses Required. 1) ES 1* 2) Econ 1 or 2 or 9
(Other Courses include: Anth 2+, BLST 4&, ES 130A+, 130B+, Geog 5, Hist 5* or 7*, FEMST 50*, Poli Sci 12**ai*, Psych 1, Relig. St. 14&*, Soc 1)
- E Civilization and Thought:** 2 Courses Required. 1) ES 3* 2) Philosophy 4*
(Other courses that may apply include: Relig. St. 1*, Global St. 1+)
- F The Arts:** 1 Course Required. 1) _____ (Optional: ES/Art History 136O)
- G Literature:** 1 Course Required. 1) _____ (Optional: ES/Engl 122NE* and ES 160*)

SUMMARY OF GE REQUIREMENTS AS APPLIED TO THE ENVIRONMENTAL STUDIES B.S. DEGREE:

- √ **GE Area C, D, and E** can be completely satisfied by required courses within the ES major!
- √ **Quantitative Relationship** requirement [#] is satisfied by completion of any number of ES Prep for Major courses.
- **3 of the 6 GE Writing requirements** are satisfied by required courses: ES 1, 2, and 3. There are several other Prep for the Major and ES Elective courses which may also satisfy this requirement, marked with an (*).
- **American History and Institutions** may be satisfied by completing Poli Sci. 12, Relig St. 14 or ES elective ES 173.
- **World Cultures** requirement (+) may be satisfied by completing Anth 2, ES 130A, 130B, or Global St. 1.
- The **Ethnicity** requirement (&) may be satisfied by taking Religious Studies 14.
- **GE Area A-2** may be satisfied with Writ. 105S (*Writing for Sustainability*) or 107EP (*Writing for Env. Professionals*).
- Area F** may be satisfied with the ES course ES/Art Hist. 136O.
- **Area G** may be satisfied with the ES course(s) ES/Engl 122NE and ES 160.
- **GE Areas A-1 and B is not** satisfied by any prep or ES elective courses.
- √ **European Traditions** is NOT required for B.S. majors.

SUGGESTED 4 YEAR SCHEDULE FOR ES MAJORS – BACHELOR OF SCIENCE (B.S.)

The table below serves as a scheduling aid to help plan one's academic program. While it's not mandatory to follow this schedule, it's designed to help satisfy the degree requirements within 4 years. **NOTE:** This schedule accounts for the ES Degree Requirements only! One needs to use the remaining empty blocks to satisfy their remaining GE/University requirements. The table uses ES major requirements for **academic year 2024-25** and assumes all UD ES elective and outside concentration courses one takes are 4 units! Questions: Contact an ES Academic Advisor or a College of L&S Advisor.

Summary of units: 162 to 164 total units are required for ES B.A., including 65-66 Upper-division units: 17-18 ES units Required from Area A, 32 ES Elective units (Area B), 16 units in the Outside Concentration (Area C).

Δ = a required course normally offered once a year and during that specific quarter (not including Summer Session).
Note that any specific quarter they're offered is for the current academic year only and subject to change year to year.

	FALL qtr.	WINTER Qtr.	SPRING Qtr.	SUMMER SESSION(S)	
YEAR 1	ES 1 Δ	ES 3 Δ	ES 2 Δ	1 st	2 nd
	Chem 1A	Chem 1B/2AL	Chem 1C/2BL	(Optional)	
	Math 3A or 2A Δ	Math 3B or 2B Δ	<< One course from <i>Ethics & Justice</i> : ES 70, Blst 4, Ling 50, Femst 50, Phil 4 or Pols 1 >>		
YEAR 2	MCDB (bio) 1A Δ	MCDB (bio) 1B Δ + 1LL Δ	EEMB (bio) 3 Δ + 2LL Δ		
	Pstat 5A or 5LS or Econ 5	EEMB (bio) 2 Δ	<<< ES 40 (fall, wt, or sp) >>>		
	ES 190 (1 unit any qtr.)	Any one from: Geog 3, 4 or Earth 2, 4, 20	Econ 1 or 2 or 9 or ES 30 (fall)		
	<<< Choose one course from <i>Culture, Society, Policy & Politics</i> list: Anth 2, Geog 5, 7, etc.... >>>				
YEAR 3	Physics 6A/AL or 7A	Physics 6B/BL or 7B	Physics 6C/CL or 7C/CL		
	One course from Area A's ES Cluster #1, #2, or #3	One course from Area A's ES Cluster #1, #2, or #3	One course from Area A's ES Cluster #1, #2, or #3		
	ES Elective #1	ES Elective #2	Outside Concentration #1		
	<<< One U.D. stats/modeling course: ES 164, 193DS, Geog 172, EEMB 146, 179, Pstat 120A >>>				
YEAR 4	Outside Concentration #2	Outside Concentration #3	Outside Concentration #4		
	ES Elective #3	ES Elective #5	ES Elective #7		
	ES Elective #4 (Sr. Thesis Optional) Δ	ES Elective #6	ES Elective #8		