

# ENVIRONMENTAL STUDIES PROGRAM, UCSB

## THE FOUR YEAR PLAN – B.S. Major!

Revised 8/15/17

This worksheet is designed to assist an Environmental Studies (ES) student with course scheduling and allow for orderly progression through all graduation requirements within a four year period. On the reverse side is a possible plan to complete the B.S. major requirements for the ES degree. You must add in courses to fulfill GE and University requirements not satisfied by the major and the plan assumes you 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 schedules of our faculty, variation of course offerings may occur. Therefore you may want to consult an ES academic advisor to determine if adjustments are necessary!

In addition to fulfilling ES major requirements (review the B.S. major requirement worksheet), you must also 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* and the *Letters and Science Academic Requirements (LASAR)* booklet. You may wish to consult the College of Letters and Science advising staff if you have questions regarding requirements outside the major, or visit their 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 by grade of at least C in UCSB's Writing 1); **2)** American History and Institutions (by exam or one course from approved list); **3)** Academic residence; **4)** Scholarship (2.0 minimum UC GPA 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~~ [A] 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 ES MAJOR AND GE REQUIREMENTS:

**Area A English Reading and Composition:** 2 courses required. A-1) \_\_\_\_\_ and A-2) \_\_\_\_\_ (Optional: Writ. 109ES)

**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/AL 3) ES 115# .  
(Other courses that may apply: EEMB 3, MCDB 1A, Geog 3A or 3B, Earth 2, 4 or 20, Math 2AB, 3AB, Pstat 5A, 5LS, Chem 1B/BL, C/CL, 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+, ES 130A+, 130B+, 132, Geog 5, Global St. 1\*+ or 2\*, Hist 7\*, Poli Sci 1\* or 12\*, Psych 1, Relig. St. 14&\*, Soc 1)

**E Civilization and Thought:** 2 Courses Required. 1) ES 3\* 2) Philosophy 3 or 4\* .  
(Other courses that may apply include: Relig. St. 1\*, Global St. 1\*+ if not used in area D)

**F The Arts:** 1 Course Required. 1) \_\_\_\_\_ . (Optional: ES/Art History 136O)

**G Literature:** 1 Course Required. 1) \_\_\_\_\_ (Optional: ES/Engl 122CC\*, 122LE\*, 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 a number of 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 Relig. Studies 14 or the ES elective course ES 189.
- **GE Area A-2** can be satisfied with Writ. 109ES (*Writing for Environmental Studies*).
- **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 122CC, 122LE, 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 your academic program. While it is not mandatory you follow this schedule, it is designed to help you satisfy your degree requirements within 4 years. **NOTE:** This schedule accounts for your ES Degree Requirements only! You need to use the remaining empty blocks to satisfy your remaining GE/University requirements. The table uses ES major requirements for **academic year 2017-18** and assumes all ES elective and outside concentration courses you take are 4 units! Questions: Contact an ES Peer Advisor, Academic Advisor, or a College of L&S Advisor.

Summary of units: 152 to 153 total units must be devoted to the major requirements, including 65 to 66 Upper-Division units: 17-18 U.D. Required units, 32 ES Elective units, 16 units in the Outside Concentration.

	FALL qtr.	WINTER Qtr.	SPRING Qtr.	SUMMER SESSION(S)	
YEAR 1	ES 1 Δ	ES 2 Δ	ES 3 Δ	1 <sup>st</sup>	2 <sup>nd</sup>
	Math 3A or 2A	Math 3B or 2B	Math 4A	(Optional)	
	Chem 1A/AL	Chem 1B/BL	Chem 1C/CL		
YEAR 2	MCDB (bio) 1A/AL Δ	MCDB (bio) 1B/BL Δ	EEMB (bio) 3/3L Δ		
	Pstat 5A or 5LS or 109	EEMB (bio) 2 Δ	Phil 3 or 4 or Poli Sci 1		
	ES 190 (1 unit any qtr.)	Any one from: Geog or Earth..	Econ 1 or 2 or 9 or ES 30 (fall)		
	<<< Choose one course from Culture, Society, Policy & Politics list: Anth 2, Geog 5, 7, etc.... >>>				
YEAR 3	ES 100 Δ or EEMB 120 /168	ES 115 Δ	ES Elective #2		
	Physics 6A/AL or 1	Physics 6B/BL or 2	Physics 6C/CL or 3/3L		
	ES 106 Δ or 188 (wt)	ES Elective #1	Outside Concentration #1		
	<<< One U.D. stats/modeling course: Geog 172, EEMB 146, 179, Pstat 120A >>>				
YEAR 4	Outside Concentration #2	ES Elective #5	ES Elective #7		
	ES Elective #3	ES Elective #6	ES Elective #8		
	ES Elective #4 (Sr. Thesis Optional) Δ	Outside Concentration #3	Outside Concentration #4		

Δ Denotes 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.