

# **HYDROLOGIC SCIENCES & POLICY, BACHELOR OF SCIENCE (B.S.)**

## **THE FOUR YEAR PLAN!**

Revised 7/1/07

This worksheet is designed to assist an Hydrologic Sciences & Policy (HSP) 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 HSP 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 HSP major requirements (review the B.S. major requirement sheet), 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 the College of Letters and Science advising staff if you have questions regarding requirements outside the major, or visit their website at: <http://www.advising.ltsc.ucsb.edu>

**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 [\*]. Courses may be applied simultaneously to both GE Areas and Special Subject requirements, **as well as simultaneously towards your HSP major requirements.**

### **LIST OF COURSES SIMULTANEOUSLY SATISFYING HSP MAJOR AND GE REQUIREMENTS:**

- Area A English Reading and Composition:** 2 courses required. 1) \_\_\_\_\_ and 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) Math 3A# 2) Chem 1A/AL 3) MCDB 1A.  
(Other Courses that may apply: EEMB 3, MCDB 1A, Geog 3A or 3B, Geol 2, Math 3B, Pstat 5A or 5E, Phys. 6A/AL-C/CL or Phys. 1, 2, 3/3L)
- D Social Sciences:** 2 Courses Required. 1) Econ 1 or 109 2) Hist 7\*.  
(Other Courses include: Poli Sci 12\*)
- E Civilization and Thought:** 2 Courses Required. 1) ES 3\* 2) \_\_\_\_\_.  
**Note:** The European Traditions requirement (^) is not required for B.S. majors!!!
- F The Arts:** 1 Course Required. 1) \_\_\_\_\_ .
- G Literature:** 1 Course Required. 1) \_\_\_\_\_ .

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

- ✓ **GE Area C and D** can be completely satisfied by required courses within the HSP major!
- ✓ **Quantitative Relationship** requirement [#] is satisfied by completion of any number of HSP Prep for Major courses.
- **Area E** has one of the two courses satisfied if you choose to take ES 3 instead of Poli Sci 12.
- **2 of 6 GE Writing requirements**, marked with an (\*), are satisfied by required courses: ES 3 or Poli Sci 12 and Hist 7.
- **American History and Institutions** may be satisfied by completing Poli Sci. 12 or Policy elective, Hist 173T.
- **GE Area A, #2** can be satisfied with Writ. 109ES (*writing for environmental studies*).
- The **World Cultures** requirement (+) and **Ethnicity requirement** (&) are not satisfied by any HSP courses.
- **GE Areas B, F and G** are not satisfied by any HSP required courses.

## SUGGESTED 4 YEAR SCHEDULE FOR HSP 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 HSP Degree Requirements only! You need to use the remaining empty blocks to satisfy your remaining GE/University courses. The table uses HSP major requirements for academic year 2007-08!  
 Questions: Contact an ES Advisor at 805-893-3185.

Summary of units: 138 to 139 total units must be devoted to the major requirements: 56 of which are Upper-division units: 25 required, 12-17 required emphasis, and 14-19 electives.

	FALL qtr.	WINTER Qtr.	SPRING Qtr.	SUMMER SESSION(S)	
YEAR 1	Chem 1A/AL	Chem 1B/BL	Chem 1C/CL	<i>1<sup>st</sup> (Optional) 2<sup>nd</sup></i>	
	Math 3A	Math 3A	Math 3C		
		Geog 3B	ES 3 Δ or Poli Sci 12		
YEAR 2	MCDB (bio) 1A/AL Δ	EEMB (bio) 2/2L Δ	EEMB (bio) 3/3L Δ		
	Econ 1 or 2 or 109	MCDB (bio) 1B/BL Δ	Hist 7		
	Math 5A	Econ 1 or 109	Geol 1 or 2		
YEAR 3	ES 100 or EEMB 120 Δ	Geog 112 Δ	ES/Geog 144 Δ		
	Physics 6A/AL or 1	Physics 6B/BL or 2	Physics 6C/CL or 3/3L		
	ES/Geol 168 Δ	Pstat 5A-Z or Bio 30.....	ES 176A Δ		
YEAR 4	Geog 116 Δ				
	Plus 31 U.D. units to satisfy one of the three emphases (required units and electives)				
	(Senior Thesis Optional) Δ				
Δ Denotes a required course that is normally only offered once a year and during that specific quarter (not including Summer Session).					