

Environmental Studies Program, UCSB

THE FOUR YEAR PLAN – Hydro Major!

Revised 8/1/22

This worksheet is designed to assist a B.S. Hydrologic Sciences & Policy 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 HYDRO degree. One must 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 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 HYDRO major requirements (review the HYDRO major requirement worksheet), one 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. One should consult the College of Letters and Science advising staff if they 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 grade of at least C in UCSB's Writing 1 course); **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 & Special Subject requirements, **as well as simultaneously towards your HYDRO major requirements.**

List of Courses Simultaneously Satisfying HYDRO Major and GE Requirements:

Area A English Reading and Composition: 2 courses required. A-1) _____ and A-2) _____ (Optional: Writ. 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) Math 3A# 2) Chem 1A/AL 3) MCDB 1A.
(Other Courses that may apply: EEMB 3, Geog 3, Earth Sci. 2, Math 3B, Pstat 5A, 5LS, Phys. 6A/AL, 6B/BL, 6C/CL or Phys. 1)

D Social Sciences: 2 Courses Required. 1) Econ 1 or 2 or 9 2) Hist 5* or 7*.
(Other Courses include: Poli Sci 12*)

E Civilization and Thought: 2 Courses Required. 1) ES 3* (if taken instead of Poli Sci. 12) 2) _____.

F The Arts: 1 Courses Required. 1) _____.

G Literature: 1 Courses Required. 1) _____.

SUMMARY OF GE REQUIREMENTS AS APPLIED TO THE HYDRO 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. 107EP (*writing for environmental professionals*).
- 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.
- ✓ **European Traditions** is NOT required for B.S. majors.

SUGGESTED 4 YEAR SCHEDULE FOR HYDRO 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 HYDRO Degree Requirements only! You need to use the remaining empty blocks to satisfy your remaining GE/University requirements. The table uses HYDRO major requirements for **academic year 2022-23**. Questions: Contact an ES Peer Advisor, Academic Advisor, or a College of L&S Advisor.

Summary of units: 140 to 142 total units must be devoted to the major requirements, including: 56 of which are Upper-division units: 25 required, 12-17 from a required emphasis, and 14-19 electives.

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	Math 3A or 2A Δ	Math 3B or 2B Δ	Math 4A	<i>1st</i>	<i>(Optional) 2nd</i>
	Chem 1A/AL	Chem 1B/BL	Chem 1C/CL		
		Geog 4	ES 3 Δ or Poli Sci 12		
YEAR 2	MCDB (bio) 1A Δ	MCDB (bio) 1B + 1LL Δ	EEMB (bio) 3 + 2LL Δ		
	Hist 5 or 7 Δ (alternate every other year)	EEMB (bio) 2 Δ	Earth Sci. 2		
	Math 4B	Pstat 5A or 5LS	Econ 1 or 2 or 9 or ES 30 (fall)		
YEAR 3	Geog 112 Δ	Geog 116 Δ	EEMB 120 or ES 101 Δ		
	Physics 6A/AL or 1	Physics 6B/BL or 2	Physics 6C/CL or 3/3L		
	ES 163A Δ	ES/Geog 144 Δ	ES/Earth Sci. 168 or 169 Δ		
YEAR 4	<i>(Senior Thesis Optional) Δ</i>				
		Plus 31 U.D. units to satisfy one of the three			
		emphases (required units and electives). See			
		specific major sheet for course options.			