

DEPARTMENT OF ECOLOGY, EVOLUTION, & MARINE BIOLOGY**3320 LIFE SCIENCES & TECHNOLOGY BUILDING – PHONE: 805-893-5753**<http://www.lifesci.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME _____

Date _____ Perm # _____

**Note: See Major Progress Check on GOLD
for full list of all degree requirements.****AQUATIC BIOLOGY MAJOR, B.S. – 2025-2026**

To be admitted to full major status, students must fulfill the pre-biology course and grade-point average requirements as described in the *General Catalog*. At minimum, they must complete twelve designated courses from the Preparation for the Major with a 2.0 or higher UC grade-point average. Note: Hyphens indicate that an entire sequence or combination must be completed as shown to fulfill an area requirement. A single course can satisfy only one requirement. Grades earned must meet the grade prerequisites for the full major.

PREPARATION FOR THE MAJOR**UNITS TO COMPLETE**

Chemistry 1A-B-C and 2AL-BL (or 1A-AL-B-BL-C-CL or 2A-AC-B-BC-C-CC).....	15
MCDB 1A-B, EEMB 2-3, MCDB 1LL and EEMB 2LL	17
Chemistry 6AL <u>and</u> 109A-B or 109AH-BH	11
Mathematics 3A-B <u>or</u> 34A-B.....	8
One of the following: PSTAT 5LS or PSTAT 5A (Math 4A acceptable, but not recommended).....	4 or 5
Physics 6A-AL-B-BL-C-CL	12

UPPER-DIVISION MAJOR

48 UD units are required in biological sciences, distributed as follows: 48 _____

Courses with an asterisk () are listed in more than one area, but they may be applied to only one area.*

- A. **Core Curriculum:** One course required from each of the following categories:
1. Ecology: EEMB 120
 2. Evolution: EEMB 131 (or Earth 121)
 3. Genetics: EEMB 129 or MCDB 101A
 4. Biometry: EEMB 146
- B. **Area of Concentration:** EEMB 142A-B-C.....
- C. **Aquatic Biology:** Three courses required from the following, including at least two laboratory courses (underlined): EEMB 106, 112, 116, 142AL, 142BL, 142CL, 144, 144L, 147, 148, 150A, 152 (or Env S 152), 153*, 158*, 159, 163, 165, 170
- D. **Physical Environment:** One course required from the following:
EEMB 153*, 158*; Earth 168 (or Env S 168); Geog 104, 112, 116, 144, 162, 163, 165.....
- E. **Electives:** Additional UD courses offered in EEMB or MCDB or from Areas C and D above to bring the total UD units in the major to 48. Recommended courses: EEMB 143, 179.....

Notes: Laboratory courses are underlined in areas A-E above. The following courses do not count toward upper-division major credit: EEMB 182, 183, 184, and 189; MCDB 183, 184, 194D, 194KF, 194MO, 194MR. In addition, no more than 8 units of the following courses combined will apply: EEMB 185-199; MCDB 185-199. Finally, a minimum 32 units must be completed through courses within the EEMB Department.

MAJOR REGULATIONS

- PREREQUISITES**..... Check the *General Catalog* for the prerequisites to all listed courses.
- P/NP GRADING OPTION** Not allowed for any major course (Prep or UD major), including courses applied to the major from other departments, except up to 8 units of courses that do not allow letter grades.
- SUBSTITUTIONS**..... In the major requirements permissible only by petition to the department chair and dean.
- G.P.A REQUIREMENTS**..... At least 2.0 overall UC average in **all** upper-division major courses and **all** courses (Prep and UD) for the major.
- DOUBLE MAJORS** With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.