

DEPT. OF ECOLOGY, EVOLUTION, & MARINE BIOLOGY  
 DEPT. OF MOLECULAR, CELLULAR, & DEVELOPMENTAL BIOLOGY  
 3320 LIFE SCIENCES AND TECHNOLOGY BLDG.—PHONE: 805-893-5191  
<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.

### BIOLOGICAL SCIENCES MAJOR, B.A. – 2023-2024

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* and *Pre-Biological Sciences Major Sheet*. At minimum, they must complete twelve designated courses from the Preparation for the Major with a 2.0 or higher UC grade-point average. Grades earned must meet grade prerequisites for the full major.

Note: Hyphens indicate that an entire sequence or combination must be completed as shown to fulfill an area requirement.

#### PREPARATION FOR THE MAJOR

#### UNITS TO COMPLETE

Chemistry 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 .....	16
Chemistry 6AL and 109A-B or 109AH-BH .....	11
Mathematics 3A-B or 34A-B .....	8
One of the following: PSTAT 5LS or PSTAT 5A or Math 4A .....	4 or 5
Physics 6A-AL-B-BL .....	8

#### UPPER-DIVISION MAJOR

36 UD units: ..... 36

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

One course or course sequence is required in each of the areas below (A through E)

- A. Genetics: MCDB 101A (MCDB 101B is strongly recommended) or EEMB 129 .....
- B. Physiology: MCDB 111, 151\*; EEMB 143, 156, 157A, 157B, 157C, 165 .....
- C. Developmental and Cell Biology or Biochemistry and Molecular Biology:  
 MCDB 103, 108A (or W 108A), 110, 112, 118, 133, 134, 135, 146, 151\*, 152, 153 .....
- D. Ecology or Evolution: EEMB 102, 108\*, 109 (or Earth 148), 113-113L\*, 119, 120, 127\*, 128, 130, ,  
 131 (or Earth 121), 136-136L (or Earth 111-111L), 137 (or Earth 141), 138, 140, 142A, 147, 148, 153,  
 155CC, 158, 159, 168, 169, 171 (or Env S 171), 179, 180 .....
- E. Biodiversity and Systematics: EEMB 103A, 106, 107, 108\*, 111, 112, 113-113L\*, 116, 118, 127\*,  
 133 (or Env S 133), 145, 150A, 163; MCDB 131, 139 .....
- F. Electives: Additional UD courses offered in EEMB and MCDB to bring the total to 36 units.....

**Note:** The following courses do not count toward upper-division major credit: EEMB 182, 183, 184, 189;  
 MCDB 183, 184, 194D, 194KF, 194MO, 194MR. In addition, no more than 4 units of the following courses  
 combined will apply: EEMB 185-199; MCDB 185-199.

#### MAJOR REGULATIONS

- PREREQUISITES..... Check the *General Catalog* for the prerequisites to all listed courses.
- P/NP GRADING OPTION ..... Not allowed for major courses (prep or UD), including courses applied to the major from other departments, except up to 4 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.