

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

<http://www.lifesci.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME \_\_\_\_\_

Date \_\_\_\_\_ Perm # \_\_\_\_\_

**BIOLOGICAL SCIENCES MAJOR, B.A. – 2016-2017**

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 must be completed as shown to fulfill an area requirement.

**PREPARATION FOR THE MAJOR**

**UNITS YET TO COMPLETE**

Chemistry 1A-AL-B-BL-C-CL or 2A-AC-B-BC-C-CC ..... 15 \_\_\_\_\_

MCDB 1A-1AL-1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L..... 16 \_\_\_\_\_

(Transfer students must consult the advisor regarding selected topics to be covered in Z courses)

Chemistry 6AL-6BL (or 6BH) and 109A-B or 109AH-BH ..... 14 \_\_\_\_\_

Mathematics 3A-B or 34A-B ..... 8 \_\_\_\_\_

One of the following: PSTAT 5LS or PSTAT 5A or Math 3C 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 F)

A. Genetics: one course from: MCDB 101A (MCDB 101B is strongly recommended) or EEMB 129 ..... \_\_\_\_\_

B. Physiology: one course from: MCDB 111, 151\*; EEMB 126, 141, 143, 154, 156, 157, 165..... \_\_\_\_\_

C. Developmental and Cell Biology or Biochemistry and Molecular Biology: one course from:  
MCDB 103, 108A (or W 108A), 110, 112, 118, 133, 134, 135, 146, 151\*, 152, 153; EEMB 164 ..... \_\_\_\_\_

D. Ecology or Evolution: one course from: EEMB 101, 102, 108, 109 (or Earth 148), 113-113L\*, 119,  
120, 127\*, 128, 131 (or Earth 121), 136-136L (or Earth 111-111L), 137 (or Earth 141), 138, 140,  
142A, 148, 153, 155CC, 159, 166, 167, 168, 169, 171 (or Env S 171), either 172 or 179 (not both), 180.... \_\_\_\_\_

E. Diversity of Form and Function: one course from: EEMB 103A, 106, 107, 111, 112, 113-113L\*, 116,  
127\*, 134, 163; MCDB 131..... \_\_\_\_\_

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 181, 182, 183, 184, 189; MCDB 121, 182, 183, 184, 194KF, 194KK, 194MD. 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.

**RESIDENCE REQUIREMENTS** ..... At least 20 UD units in major while in residence at UCSB.

**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, including courses in excess of minimum requirements.

**DOUBLE MAJORS** ..... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.