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 College of Letters and Science  
 University of California, Santa Barbara

**ZOOLOGY MAJOR, B.S. – 2019-2020**

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 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 YET TO COMPLETE**

Chemistry 1A-AL-B-BL-C-CL or 2A-AC-B-BC-C-CC .....	15 _____
MCDB 1A-B, EEMB 2-3, and either (MCDB 1AL and MCDB 1BL or EEMB 2L, and EEMB 3L) or (MCDB 1LL and EEMB 2LL).....	16 _____
(Transfer students must consult the advisor regarding selected topics to be covered in Z courses)	
Mathematics 3A-B or 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 _____

*\*Organic Chemistry may be required by some graduate or professional schools. Consult with an advisor.*

**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 112 and 113-113L and 116 .....
- C. **Regulatory Biology/Behavior Emphasis:** Two courses required from the following:  
 EEMB 138, 143, 154, 156, 157, 157B, 165..... \_\_\_\_\_
- D. **Biodiversity and Systematics Emphasis:** One course (or course sequence) required from the following:  
 EEMB 103A, 106, 107-107L, 108, 111, 119, 127, 133 (or Env S 133), 136 (or Earth 111), 140, 144, 150A, 163..... \_\_\_\_\_
- E. **Electives:** Additional UD courses offered in EEMB, or from Areas C and D above, or from any of the following to bring the total UD units in the major to 48: Anth 121, 121T, 153T; Earth 144, 149, 111 (Geog 149); Ling 185; MCDB 101AH, 101B, 101L, 103, 111, 111H, 112, 112H, 112L, 133, 134, 151, 151H  
 Recommended courses: EEMB 102 .....

*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 (except by petition), and 189. In addition, no more than 8 units of the following courses combined will apply: EEMB 184-199. Finally, a minimum of 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 major courses (prep or UD), 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.
- 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.
- DOUBLE MAJORS** ..... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.