

ZOOLOGY MAJOR, B.S. – 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*. 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.

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)	
Mathematics 3A-B or 34A-B	8
One of the following: PSTAT 5LS or PSTAT 5A (Math 3C or 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, 165.....
- D. **Biodiversity and Systematics Emphasis:** One course (or course sequence) required from the following:
 EEMB 106, 107-107L, 108, 111, 119, 127, 133, 136 (or Earth 111), 140, 144, 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 101, 102

Notes: Laboratory courses are underlined in areas A-E above. The following courses do not count toward upper-division major credit: EEMB 181, 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
- SUBSTITUTIONS..... In the major requirements permissible only by petition to the department chair and dean.
- RESIDENCE REQUIREMENTS
- G.P.A. REQUIREMENTS
- DOUBLE MAJORS