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.

**UPPER-DIVISION MAJOR**

48 UD units required, distributed as follows: .................................................. 48

Note: Courses listed in multiple categories noted with an asterisk(*) below may be applied to only one category.

A. One course from Genetics: EEMB 129 or 130* or MCDB 101A .................

B. One course from Physiology: EEMB 143, 154, 156, 157, 165, 175; MCDB 111, 114 ..................................................

C. Two courses from Ecology, Evolution, or Development: EEMB 102, 109 (Geology 148), 120, 130*, 131 (Geology 121), 135*, 138, 152 (Environmental Studies 152), 166, 171 (Env S 171), 173; MCDB 112 ..................................................


E. Ecology & Evolution Enrichment: One course from the following list or one additional course from Area C: EEMB 117, 119* (Env S 119*), 124, 128* (Env S 128*), 136-136L (Geology 111-111L), 139, 142A, 142B, 142C, 146, 148, 149 (MCDB 149), 153, 159, 170 ..................................................

F. One course in Plant Biology: EEMB 103A, 115, 119* (Env S 119*), 127, 128* (Env S 128*), 134, 135*, 140, 141; Geography 167, 170 ..................................................

G. Laboratory: an underlined course completed in areas A-F or one of the following: EEMB 140L, 142AL, 142BL, 142CL, 143L, 148L, 164L, 164S, 175L; MCDB 112L ..................................................

H. Electives: Additional UD courses offered in EEMB or from Areas B-G above or from the following list to bring the total UD units in the major to 48: Chemistry 109A, 109B, 109C; Anthropology 105, 121, 121T, 153T; Environmental Studies 110, 111 (Geography 149); Geography 104; Geology 120, 149, 164A; Linguistics 185; MCDB 101B, 103, 133, 134 ..................................................

Note: The following courses do not count toward upper-division major credit: EEMB 182, 183; MCDB 121, 182, 183, 184. In addition, no more than 8 units of the following courses combined will apply: EEMB 184-199; MCDB 185-199. 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, 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.