



MARINE BIOLOGY MAJOR (CATALOG MAJORS FALL 2019 AND LATER)

Lower Division Requirements (Life Science Core Curriculum):

Life Sciences 1, 2, 3, 4, 23L OR 7A, 7B, 7C, 23L (Note: LS 1-4 was phased out after the 2017-18 academic year.)	
Chemistry & Biochemistry 14A, 14B, 14BL, 14C, and 14D OR Chemistry & Biochemistry 20A, 20B, 20L, 30AL, 30A, and 30B (NOTE: Students considering pharmacy school who take the 20/30 series should also take 30C; some pharmacy schools may require 30CL. Also, professional schools may also require 14CL/30BL.)	
Mathematics 3A, 3B, 3C OR Mathematics 31A, 31B, 32A OR Life Sciences 30A, 30B (Some pharmacy schools require the 31/32 series.)	
Physics 6A, 6B, 6C OR 5A, 5B, 5C OR 1A, 1B, 1C, 4AL, 4BL (Note: Physics 6ABC was phased out after the 2017-18 academic year.)	
Statistics 13 OR Life Sciences 40	
Earth, Planetary, & Space Sciences 15 OR Atmospheric & Oceanic Sciences 1	

Upper Division Requirements: (courses may be applied to ONE category only)

CATEGORY ONE: REQUIRED BACKGROUND. Ecology & Evolutionary Biology 109 and 109L	
CATEGORY TWO: LABORATORY Courses. Choose ONE COURSE (totaling at least 4 units) from the following list: Ecology & Evolutionary Biology 101, 105, 110, 112, 136, 170, 181	
CATEGORY THREE: MARINE ORGANISMIC BIOLOGY OR PHYSIOLOGY. Choose ONE COURSE (totaling at least 4 units) from the following list: Ecology & Evolutionary Biology 101, 105, 107, 112, 128, 142, 170*, C174, 184 Physiological Science 166* <i>*Students cannot take both EE BIOL 170 and Physci 166.</i>	
CATEGORY FOUR: ECOLOGY OR BEHAVIOR. Choose ONE COURSE (totaling at least 4 units) from the following list: Ecology & Evolutionary Biology 100, 116, C119A, C119B, 122, C126, 128, 129, M131 (same as Geography M117), 133, 136, 137, 142, 151A, 152, 154, 155, 161, 162, 170*, 184 Anthropology 128P (formerly numbered Anthropology 128A) <i>*Students with credit for Physci 166 cannot take EE BIOL 170.</i>	
CATEGORY FIVE: EVOLUTION. Choose ONE COURSE (totaling at least 4 units) from the following list: Ecology & Evolutionary Biology 116, 120*, 121, 130, 133, C135, 144, CM173 (same as Earth, Planetary, and Space Sciences CM173), C174, 175, 184, 185*, 186 Life Sciences 107 (only for students who have completed Life Sciences 7A, 7B, 7C; not available for credit for students who completed Life Sciences 4) <i>*Students cannot take both EEB 120 and EEB 185.</i> Society and Genetics M142 (same as Anthropology M128S)	
CATEGORY SIX: FIELD QUARTER (totaling at least 12-16 units): Marine Biology Quarter (MBQ) or pre-approved equivalent.	
CATEGORY SEVEN: ELECTIVE COURSE. Choose ONE COURSE (totaling at least 4 units) in Physical, Chemical, or Geological Oceanography from the following list: Atmospheric & Oceanic Sciences 102, 103, 104, M105 (same as EE BIOL M139), 130 Chemistry 103, 153A (strongly recommended) Earth, Planetary, & Space Sciences 100, 116, 119, C141, 153 Ecology & Evolutionary Biology M131 (same as Geography M117), 153, 198A/B (both courses must be taken), 199 Geography 100, 101, M106 (same as A&O Sci M106), 123, 130, 169 Mechanical & Aerospace Engineering 103, 150A Molecular, Cell, & Developmental Biology 172	



NOTE: A maximum of eight (8) units of the Ecology & Evolutionary Biology 198-series or four (4) units of Ecology & Evolutionary Biology 199 may be applied toward the major. Credit for 199 courses from other departments may not be applied. 199 courses with faculty sponsors **OUTSIDE** the Department of Ecology & Evolutionary Biology do **NOT** apply on the major unless approved by special petition **AFTER** the course is completed. Instructions for petitioning non-EE BIOL 199s are available in the Undergraduate Office.

Regarding classes offered by Molecular, Cell & Developmental Biology or Physiological Science (Department of Integrative Biology & Physiology): *As of FALL 2004 and thereafter*, enrollment in ALL upper division (UD) Physiological Science courses will be restricted to their majors during first pass. You must consult the IB&P department about enrollment in courses during second pass for UD elective Physiological Science courses. **Non-Physiological Science majors are restricted from enrolling in Physci 107, 111ABC, and 111L at ALL TIMES.**

Enrollment in Upper Division MCD BIO courses will be restricted to their majors during first pass and will be open to all students during second pass, space permitting. **Non-MCDB majors are restricted from enrolling in MCD BIO 104AL at ALL TIMES.**

MAJOR & DEGREE REQUIREMENTS:

- All **Life Science Core Curriculum** courses must be passed with a letter grade of **C- or better** and must be completed with an **overall GPA of 2.00 (C) or better**. Students receiving a grade below C- in two core curriculum courses, either in separate courses or repetitions of the same course, are subject to dismissal from the major.
- For the **upper division (UD) major requirements**, you must pass each course with a letter grade of D- or better. However, in order to graduate, you are required to maintain a global GPA (UD major requirements) **of 2.00 or better**.
- Courses applied to the **upper division (UD) major requirements** may be applied to ONE category only. Courses listed in multiple categories **MAY NOT** be applied to multiple categories simultaneously.
- A maximum of four (4) units of graduate work may be applied on the major, **BUT only if approved** by the department.
- A maximum of four (4) units of EE BIOL 199 **OR** eight (8) units of EE BIOL 198A & 198B may be applied to the major. Credit for 199 courses from other departments may not be applied.
- Each course applied toward the UD major requirements must have a **minimum of four (4) units**. Courses with fewer than four units may be combined to equal one (1) course equivalent, IF they are applicable to the major (e.g., EE BIOL 180, EE BIOL 188). Thus, two (2) courses worth 2 units each (for a total of 4 units) could equal one course requirement on the major. A maximum of one (1) course on the major is allowed in cases where two 2-unit courses are combined to equal one course equivalent. A six-unit course counts as one course on the requirements for the major.
- All courses to be applied on the major must be taken for a letter grade. This includes all courses in the Life Science Core Curriculum and all UD major courses.
- The College requires a total of 60 upper division units for graduation. Thus, you may be required to take additional UD courses (either within or outside of the major) to meet this requirement.

Departmental Honors

An overall GPA of 3.400 and a global GPA of 3.400 in the major are required for graduation with honors in Biology. Highest honors in Biology are awarded to students whose global and overall GPA are 3.600 at graduation and who have satisfactorily completed EE BIOL 198A & 198B. Students do not need to apply for departmental honors. All students are reviewed for honors following the receipt of final transcripts.

**IT IS YOUR RESPONSIBILITY TO BE AWARE OF THE REQUIREMENTS LISTED ON YOUR DPR/DAR
AND TO VERIFY THAT IT IS UP TO DATE!**

ECOLOGY & EVOLUTIONARY BIOLOGY UNDERGRADUATE OFFICE

101 Hershey Hall, (310) 825-1680

Questions? Send them via MyUCLA Message Center.

Please include your UID in all correspondence.