

## ECOLOGY, BEHAVIOR, AND EVOLUTION MAJOR (CATALOG MAJORS FALL 2017 AND LATER)

Lower Division Requirements (Life Science Core Curriculum):

Life Sciences 1, 2, 3, 4, 23L <u>OR</u> 7A, 7B, 7C, 23L (Note: LS 1-4 will be phased out after the 2017-18 academic year.)	
Chemistry & Biochemistry 14A, 14B, 14BL, 14C, and 14D <u>OR</u> 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 <u>OR</u> Mathematics 31A, 31B, 32A <u>OR</u> 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 will be phased out after the 2017-18 academic year.)	
Statistics 13	

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

CATEGORY ONE: MORPHOLOGY & SYSTEMATICS. Choose ONE COURSE (totaling at least 4 units) from the following list:

Ecology & Evolutionary Biology 101, 103, 105, 110, 111, 112, 113A, 114A, 115, 117, 130

CATEGORY TWO: PHYSIOLOGY. Choose ONE COURSE (totaling at least 4 units) from the following list:

Ecology & Evolutionary Biology 162, 162L, 170; Physiological Science 166

NOTE: Students who have taken EE BIOL 170 cannot take Physci 166.

CATEGORY THREE: ECOLOGY, BEHAVIOR, & EVOLUTION. Choose THREE COURSES (totaling at least 12 units) from the following list:

Ecology & Evolutionary Biology 100, 116, C119A, C119B, 120\*, 121, 122, C126, 128, 129, 130, 133, C135, 136, 137, 142, 151A, 152, 153, 154, 155, 162, CM173 (same as Earth, Planetary, and Space Sciences CM173), C174, 175, M178 (same as Bioengineering CM186 or Computational and Systems Biology M186 or Computer Science CM186), 185\*, 186

Anthropology 128P (formerly numbered Anthropology 128A)

Life Sciences 107 (only for students who have completed the Life Sciences 7A, 7B, 7C; not available for credit for students who completed Life Sciences 4) \*Students cannot take both EEB 120 and EEB 185.

CATEGORY FOUR: FIELD QUARTER (totaling at least 12-16 units):

Field Biology Quarter (FBQ), Marine Biology Quarter (MBQ) or pre-approved equivalent

CATEGORY FIVE: UPPER DIVISION ELECTIVES. Choose TWO COURSES (totaling at least 8 units) from the following list:

Anthropology 128P (formerly numbered Anthropology 128A)

Chemistry & Biochemistry EXCLUDES 188SA-199 (153A and 153L are strongly recommended)

Earth, Planetary, & Space Sciences [Geology only]; EXCLUDES 188-199

**Ecology & Evolutionary Biology EXCLUDES 189-196** 

Geography EXCLUDES 188SA-199

Life Sciences 107 (only for students who have completed the Life Sciences 7A, 7B, 7C; not available for credit for students who completed Life Sciences 4)

Mathematics EXCLUDES 105A, 105B, 105C, 106, 188SA-199

Microbiology, Immunology, & Molecular Genetics EXCLUDES 193A-199

Molecular, Cell, & Developmental Biology 172

Physics EXCLUDES 188SA-199

RECOMMENDED: Taxon-oriented courses in ecological, behavioral and evolutionary processes, e.g., EE BIOL 111, 112, 113A, 114A, 115



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 <u>OR</u> 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 <u>letter grade</u>. 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

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