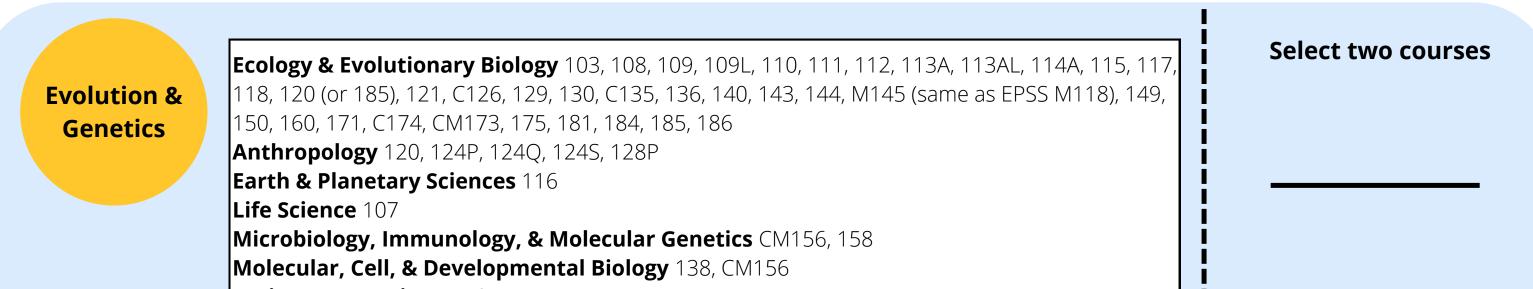


B.S. Biology Major Requirements

Lower Division - Complete one series for each subject

Chemistry : O 14A O 14B O 14C O 14D O 14BL OR O 20A O 20B O 20L O 30A O 30B O 30AL
Life Science (LS) : O 7A O 7B O 7C O 23L
Math : O LS30A O LS30B <u>OR</u> O 3A O 3B O 3C <u>OR</u> O 31A O 31B O 32A
Statistics : O LS40 <u>OR</u> O Stats13
Physics : O 5A O 5B O 5C OR O 1A O 1B O 1C O 4AL O 4BL

<u>Upper Division</u> - Complete 2 course from each core principle for a total of 10 courses *NOTE: Please review the Rules section for major course policies



Society &	Genetics	M142
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	Ecology & Evolutionary Biology 100, 100L, 116, 120 (or 185), 121, 122, 125, C126, 129, 132*, 134B, C135, 136, 137, 143, 149, 150, 153, 156, 162, 162L, 170, 171, C172, C174, 176,	Select two courses
Information	M178 (same as C&S BIOL M186), C179, 180A, 180B, 183	
Flow	Anthropology 124P, 128P	
	Chemistry C100, 153A, 166	
	Life Science 107	
	Microbiology, Immunology, & Molecular Genetics 100L, 101, 103AL, 103BL, 109AL, 109BL,	
	123, 132, CM156, 158, C185A	
	Molecular, Cell, & Developmental Biology 100, 138, 143, 144, C150, 150AL, CM156, 165B, 168,	
	M175A, M175B, M175C, 187AL	
	Neuroscience M101A, M101B, M101C, 102	
	Physiological Sciences M106, 111A, 111B, CM123, 124, C126, C127, 128, C130, 136, 138, M140,	
	C144, M145, 146, 147, 149, C152, 154, 155, 165, 166, 167, 173, 174, 175, M176, 177, M180A,	
	M180B, M180C	

	Ecology & Evolutionary Biology 103, 109, 109L, 123A*, 123B*, 124A*, M131 (same as GEOG	Select two courses
	M117), M139, 143, M151A, 153, 161, 162, 162L, 170, 184,	
Transformations	Atmospheric & Oceanic Sciences 102, 103, 104, M105, 130, 145	
of energy and	Chemistry 103, 110A, 110B, 114, C123A, C123B, 136, C143A, C143B, 144, C145, 153A, 153B, 153C,	
matter	153D, 153L, 154, C159, C164	
	Environmental Health Sciences 100	
	Microbiology, Immunology, & Molecular Genetics 101	

* FMBQ/FBQ/MBQ Course

UCLA College | Life Sciences Ecology & Evolutionary Biology

B.S. Biology Major Requirements

	Ecology & Evolutionary Biology 101, 102*, 103, 105, 106*, 107, 109, 109L, 110, 111, 112,	Select two courses
	113A, 113AL, 113B*, 114A, 114B*, 115, 117, 118, 121, 122, 123A*, 123B*, 124A*, 125, M127,	
Structure	M127L, 128, 129, M131 (same as GEOG M117), 136, 140, 144, M145 (same as EPSS M118), 147,	
Function	148, 151A, 151B*, 152, 155, M157, 160, 161, 162, 162L, 163*, 164*, 165*, 166*, 170 (or PHYSCI 166), 171, C174, 181, 184	
	Chemistry C105, 153A, 153D, 153L	
	Earth & Planetary Sciences 116	
* FMBQ/FBQ/MBQ	Geography 108, 111, 112	
Course	Microbiology, Immunology, & Molecular Genetics 100L, 101, 103AL, 103BL, 109AL, 132,	
	CM156, 158, 168, C185A	
	Molecular, Cell, & Developmental Biology 100, 138, M140, C141, 143, 144, 146, C150, 165A,	
	165B, 168, M175A, M175B, M175C Neuroscience M101A, M101B, M101C, 102	
	Physiological Sciences 107, 108, 111A, 111B, 120, 121, 122, CM123, 124, C126, C127, 128,	
	C130, 136, 138, M140, C144, M145, 146, 147, 149, C152, 153, 154, 155, 165, 166, 167, 173, 174,	
	175, M176, 177, M180A, M180B, M180C	
	Ecology & Evolutionary Biology 101, 102, 105, 106*, 107, 108, 110, 111, 112, 113A, 113AL,	Select two courses
	113B*, 114A, 114B*, 115, 116, 117, C119A, C119B, 120 (or 185), 122, 123A*, 123B*, 124A*,	
Systems	124B*, 125, C126, M127, M127L, 128, 129, M131 (same as GEOG M117), 132*, 133, 136, 137,	
bystems	M139, 140, 142, 144, 147, 148, 149, 150, 151A, 151B*, 152, 153, 154, 155, 156, 160, 161, 162, 162L, 163*, 164*, 165*, 166*, 170, C172, 176, C177, M178 (same as C&S BIOL M186), C179, 180A	
	(2 units), 180B, 182*, 183, 184	
	Anthropology 124P, 128P	
	Atmospheric & Oceanic Sciences 102, 103, 104, M105, 130, 145,	
* FMBQ/FBQ/MBQ	Biostatistics 100B	
Course	Chemistry 103, 153A, 153L	

Chemistry 103, 153A, 153L Environmental Health Sciences 100 Earth & Planetary Sciences 116 Geography 108, 111, 112 Life Science 107, M174 Microbiology, Immunology, & Molecular Genetics 100L, 101, 103AL, 103BL, 105, 109AL, 109BL, 123, 132, C134, 158, 168, 180A, 180B, C185A Molecular, Cell, & Developmental Biology 100, 138, M140, C141, 143, 144, 146, C150, 150AL, CM156, 160, 165A, 165B, 168, M175A, M175B, M175C, 187AL Neuroscience M101A, M101B, M101C, 102 Physiological Sciences 100, M106, 107, 108, 111A, 111B, 120, 121, 122, CM123, 124, C126, C127, 128, C130, M135, 136, 138, M140, C144, M145, 146, 147, 149, C152, 153, 154, 155, 165, 166, 167, 173, 174, 175, M176, 177, M180A, M180B, M180C Psychology 115, 133B Society & Genetics M142

Major Worksheet

Total:	/10
Of the 10 course above, <u>TWO</u> must be labs with one lab being from EEB (see chart below)	Lab 1. Lab 2.
Of the 10 course above, <u>FIVE</u> courses must be from the EEB department	1. 2. 3. 4. 5.



B.S. Biology Major Requirements

Courses that fulfill the lab requirement

Ecology and Evolutionary Biology 100L, 101, 103, 109L, 110, 111, 112, 113AL, 114A, 115, 117, 128, 136, 144L, 150L, 162L, 170, CM174, 181 Earth & Planetary Science 116 Chemistry 114, 136, 144, 153L, 154 Molecular, Cell, and Developmental Biology 150AL, 160, 187AL Microbiology, Immunology, & Molecular Genetics 100L, 103AL, 103BL, 105, 109AL, 109BL, 123 Neuroscience 102 Physiological Science 107, 108,153, 166

Rules for Biology Major

- 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 three core curriculum courses, either in separate courses or repetitions of the same course, are ineligible to pursue the Biology major.
- For the upper division (UD) major requirements, you must pass each course with a letter grade of Dor better. However, in order to graduate, you are required to maintain a global GPA (UD major requirements) of 2.00 or better.
- A maximum of four (4) units of graduate work may be applied on the major, BUT only if approved by the department.
- Two courses from each Core Principle are required.
- Courses applied to the upper division (UD) major requirements may be applied to ONE Core Principle only. Courses listed in multiple categories MAY NOT be applied to multiple Core Principles simultaneously.
- Minimum of 5 Upper Division courses for the major must be taken within the EE BIOL Department.
- Minimum of 2 lab courses must be taken toward the degree, including a minimum of 1 Upper Division EE BIOL lab course.
- In order to receive lab credit for EEB 100L, 109L, 113AL, or 162L, the corresponding lecture course (EEB 100, 109, 113A, and 162, respectively) must be completed, either as a pre-requisite or as a co-requisite. The lecture course may be applied to a separate Core Principle.
- MIMG 101 + MIMG 100L in order to receive lab credit for MIMG 100L, MIMG 101 must also be completed, either as a pre-requisite or as a co-requisite. However, MIMG 100L cannot be applied as a separate Core Principle since it is only three (3) units.



B.S. Biology Major Requirements

Rules for Biology Major

Credit deductions: students cannot take the following pairs of courses:
o EE BIOL 120 & 185
o EE BIOL 170 & PHYSCI 166
o MCD BIOL 100 & 165A

- FBQ/MBQ instructors determine which Core Principles their courses will help complete Upper Division requirements for the major (up to 4 requirements total).
- 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. NO EXCEPTIONS TO THIS POLICY.
- Each Primary Investigator (PI) will sign off on a form stating which Core Principle the student's research course should count for, after the student's work and quarter are completed. The research course must be for a minimum of 4 units.
- 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.

 Regarding classes offered by Molecular, Cell & Developmental Biology and Physiological Science (Department of Integrative Biology & Physiology, IBP): enrollment in ALL upper division (UD) Physiological Science courses will be restricted to their majors during first pass. You must consult the IBP 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 and 111A/B at ALL TIMES.

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.