

# 2023 UCLA NEW STUDENT ACADEMIC PROGRAMS - TRANSFER

## DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY (<https://www.eeb.ucla.edu/undergraduate/>)

Biology Major • Ecology, Behavior, and Evolution Major • Marine Biology Major

Conservation Biology Minor • Evolutionary Medicine Minor

**Undergraduate Counselors: Jessica Angus, Wendy Ramos**

101 Hershey Hall, (310) 825-1680

How to contact us? Go to **Message Center** on [MyUCLA](#).



### Ecology and Evolutionary Biology Undergraduate BruinLearn Page

Students are highly encouraged to subscribe to the EEB Undergraduate BruinLearn list serv. Below are examples of information posted on the list serv:

- Office Hours for the EEB Undergraduate Office
- Department events
- New classes or seats being opened during enrollment
- Field Biology Quarter, Field Marine Biology Quarter, and Marine Biology Quarter application cycles
- Programs related to graduate schools and professional schools
- Opportunities for research, leadership, internships, employment, scholarships, volunteering, and study abroad

To subscribe to the EEB Undergraduate BruinLearn list serv, join the course at this link: <https://bruinlearn.ucla.edu/enroll/8ANPYB>.



**DEPARTMENTAL ADVISORS** answer questions about your *major and minor requirements*:

- Lower Division major requirements
- Upper Division major requirements
- Minor requirements (as applicable)
- Course substitutions for the Major or Minor
- Global GPA – encompasses Upper Division major requirements only
- Academic questions about applying to graduate or professional school

### CONTACTING YOUR ADVISOR

Your **DEPARTMENTAL ADVISOR** can assist you with the following:

- ❖ Enrollment into classes offered by their department
- ❖ Class planning

**NOTE: Departmental Advisors CANNOT enroll you into classes offered by a different department.**

When you contact any COUNSELOR (College, Departmental, etc.), always include the following information in all correspondence:

- Your full name
- Your 9-digit student ID number (UID)
- Your specific question(s)

If you are inquiring about enrollment into a class, always include the following in your correspondence in addition to the above information:

- The Department and Course Number AND the discussion section(s) of the class you are interested in (e.g., EE BIOL 100, DIS 1A, etc.)
- The 9-digit Student Records System (SRS) number for at least two (2) discussion/lab sections that will work in your schedule, listed in order of preference.

**Please be aware that the advisors in the EEB Undergraduate Office do not check their e-mail or Message Center messages outside of regular office hours, e.g., after 5:00PM or on weekends or holidays.**



### UCLA STUDENT GROUPS

There are numerous student groups on campus in which you can get involved based on your interests. A comprehensive list of student groups may be found here: <http://www.studentgroups.ucla.edu/home/>

**Department of Ecology and Evolutionary Biology Undergraduate Association:**

<https://www.facebook.com/EEBUndergradStudentAssociation>



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## DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY

### EEB MAJORS

There are three (3) majors offered by the Department of Ecology and Evolutionary Biology (EEB):

- BIOLOGY
  - ECOLOGY, BEHAVIOR, and EVOLUTION
  - MARINE BIOLOGY
- ❖ All departmental majors have the same major prep.
  - ❖ Marine Biology has one (1) additional course in the prep: EPS SCI 15 or A&O SCI 1.
  - ❖ For the Upper Division (UD) major requirements, a course must have a minimum unit value of four (4) units on its own in order to apply towards the UD major requirement.
  - ❖ If a course appears under more than one (1) of the UD major requirement areas, the course may only apply to ONE UD major requirement, and not all of the areas listed.
  - ❖ There are certain courses that cannot be taken if one is taken prior to the other due to course content overlap. These courses include:
    - EE BIOL 120 and EE BIOL 185
    - EE BIOL 170 and PHYSICI 166
  - ❖ There are two (2) CAPSTONE majors offered by EE BIOL: EBE and Marine Biology. A capstone major is one that has a culminating activity as part of its UD major curriculum. The culminating activity is the field quarter: Field Biology Quarter (FBQ); Field Marine Biology Quarter (FMBQ); Marine Biology Quarter (MBQ); or other approved equivalents.
  - ❖ For the **BIOLOGY** major, in order for a 4-unit lab course to apply towards the lab requirement, the complementary lecture course must also be taken. The courses do not have to be taken concurrently. This applies to the following courses:
    - EE BIOL 100 and EE BIOL 100L
    - EE BIOL 109 and EE BIOL 109L
    - EE BIOL 113A and EE BIOL 113AL
    - EE BIOL 144 and EE BIOL 144L
    - EE BIOL 150 and EE BIOL 150L
    - EE BIOL 161 and EE BIO 161L
    - EE BIOL 162 and EE BIOL 162L

### BIOLOGY

- Select two (2) courses from each CORE PRINCIPLE for a total of 10 requirements.
- Of the 10, five (5) of the courses must be from our department (EE BIOL).
- Of the 10, two (2) must be laboratory courses, of which one (1) must be from the department (EE BIOL).

CORE PRINCIPLE 1: Evolution and Genetics

CORE PRINCIPLE 2: Information Flow

CORE PRINCIPLE 3: Structure Function

CORE PRINCIPLE 4: Transformation of Energy and Matter

CORE PRINCIPLE 5: Systems

### ECOLOGY, BEHAVIOR, AND EVOLUTION (EBE)

- Select course(s) as indicated from each CATEGORY.
- CAPSTONE-FIELD QUARTER – application period is usually one (1) year prior, e.g., Spring 2024 field quarter applications available in Spring 2023.
- Most popular major for PRE-VET.

CATEGORY 1: Morphology/Systematics – select one (1) course

CATEGORY 2: Physiology – select one (1) course

CATEGORY 3: Ecology, Behavior, and Evolution – select three (3) courses

CATEGORY 4: Capstone-Field Quarter – must be minimum 12 units

CATEGORY 5: Science Electives – select two (2) courses

### MARINE BIOLOGY

- Select course(s) as indicated from each CATEGORY.
- CAPSTONE-FIELD QUARTER – application period is usually one (1) year prior, e.g., Spring 2024 field quarter applications available in Spring 2023.

CATEGORY 1: Core – EE BIOL 109 and EE BIOL 109L

CATEGORY 2: Laboratory – select one (1) course

CATEGORY 3: Marine Organismic Biology or Physiology – select one (1) course

CATEGORY 4: Ecology and Behavior – select one (1) course

CATEGORY 5: Evolution – select one (1) course

CATEGORY 6: Capstone-Field Quarter – must be minimum 12 units

CATEGORY 7: Additional physical, chemical, or geological oceanography course – select one (1) course

## 2023 UCLA NEW STUDENT ACADEMIC PROGRAMS - TRANSFER DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY

### EEB MINORS

There are two (2) minors offered by the Department of Ecology and Evolutionary Biology (EE BIOL):

- [CONSERVATION BIOLOGY\\*\\*](#)
- [EVOLUTIONARY MEDICINE](#)

**\*\*Per College policy, students pursuing any major in EEB cannot pursue the Conservation Biology minor.**



### MAJOR CURRICULUM & ACADEMIC ELIGIBILITY

#### LIFE SCIENCE CORE CURRICULUM (Lower Division Major Preparation Courses AKA Major Prep)

- All major preparation courses must be passed with a grade of C- or better and must be completed with an overall GPA of 2.00 or better. Course numbers with an asterisk (\*) on the following page indicate the recommended series for Life Sciences majors. Also referred to as “major prep.”
- **NOTE: The Chemistry and Math series are TRUE sequences, i.e., you must complete the courses in order. Pre-requisites are strictly enforced and must be completed before moving forward in the series. Students who completed Chem 20A and Chem 20L may continue on to take Chem 14B, but not Chem 14BL. Students may take only one of Chem 20L or Chem 14BL**
- Statistics is not required all of the Life Sciences majors. However, you will need statistics if you plan to engage in research. In addition, many professional schools (medical, dental, etc.) may require a statistics course as a pre-requisite, and statistics may count toward the one year (three quarters) of college-level math required for professional school. For all EEB majors, students may only take either Statistics 13 or Life Sciences 40 to fulfill the stats requirement.



If you need assistance with enrollment into any of the Life Science Core Curriculum classes, you must contact that department:

<p><b>Life Sciences Core Office</b> (LS 7A, 7B, 7C, 23L, 107; 20, 30A, 30B, 40) 2305 Life Sciences Building, (310) 825-6614 Enrollment E-mail: <a href="mailto:LScore@lifesci.ucla.edu">LScore@lifesci.ucla.edu</a></p>	<p><b>Chemistry &amp; Biochemistry</b> (All Chemistry classes, e.g., Chem 14-series, etc.) 4006 Young Hall, (310) 825-1859 E-mail: <a href="mailto:uqrad@chem.ucla.edu">uqrad@chem.ucla.edu</a></p>	<p><b>Mathematics</b> (All Math classes, e.g., Math 3-series, etc.) 6356 Math Sciences Building, (310) 206-1286 E-mail: <a href="mailto:uqrad@math.ucla.edu">uqrad@math.ucla.edu</a></p>	<p><b>Physics</b> (All Physics classes, e.g., Physics 5-series) 1-707D Physics and Astronomy Building, (310) 206-1447 Contact: Mary Tran <a href="mailto:mtran@physics.ucla.edu">mtran@physics.ucla.edu</a></p>	<p><b>Statistics</b> (All Statistics classes, e.g., Stats 13) 8117 Math Sciences Building, (310) 206-3742 Contact: Michael Kang <a href="mailto:michael.kang@stat.ucla.edu">michael.kang@stat.ucla.edu</a></p>
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**FOR ENROLLMENT ASSISTANCE with MAJOR PREP COURSES:** Contact the department that is offering the course (see contact information above). It is recommended that you e-mail the appropriate department with your enrollment request **once your enrollment pass time has started**. **In your message or e-mail, include your name and UCLA ID with the class you want to add with the 9-digit SRS number of the class section(s), listed in priority order.**

*Departments can only add you to your requested class once your enrollment pass begins and IF there is still space in the class. Moreover, the departments are not able to assist you with your request outside of normal business hours. Please be aware that you cannot be added to a class for which you have not completed the pre-requisites. We advise you to read the “Course Notes” section in the “Crs Info” link in the Schedule of Classes.*

**IMPORTANT DEADLINES:**  
Please consult the “CALENDARS” tab on the Registrar’s webpage <https://www.registrar.ucla.edu/Term-Calendar>

#### OTHER ENROLLMENT ISSUES:

During the **FIRST ENROLLMENT PASS**, some departments place an enrollment restriction on some of their upper division courses (courses numbered 100-199) to ensure that officially declared majors/minors in their department are able to enroll in the department’s classes. Usually the enrollment restriction is lifted once the **SECOND ENROLLMENT PASS** begins. However, a department may designate a specific date when enrollment is open to non-majors/minors. **We highly recommend that you read the “Class Notes” that are in the “Crs Info” link on the class listing on the online Schedule of Classes (<https://sa.ucla.edu/ro/public/soc>).**

*Please be aware that departmental advisors can only assist you with enrollment into classes offered by their department, e.g., EEB counselors can only enroll you into EEB classes, the Phy Sci counselor can only enroll you into Phy Sci classes, etc.*

#### OTHER COURSE PLANNING TIPS:

- ❖ If possible, avoid taking two (2) lab courses in the same quarter.
- ❖ If possible, save some of your GE classes for later quarters in order to balance your schedule.



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**PRE-HEALTH RESOURCES & UCLA CAREER CENTER**

**UCLA Pre-Health website:**  
<https://prehealth.ucla.edu/>

**UCLA Career Center**  
UNDERGRADUATE: <https://career.ucla.edu/undergrad>  
HANDSHAKE: <https://ucla.joinhandshake.com/login>  
– connects Bruins with internships, job, and career opportunities

**VOLUNTEER OPPORTUNITIES ON CAMPUS – Many programs may still be on hold due to COVID-19**

UCLA Volunteer Center (<https://volunteer.ucla.edu/>)  
UCLA Health Volunteer Program (<https://www.uclahealth.org/volunteer/>)  
UCLA Health Volunteer Services (<https://www.uclahealth.org/Volunteer/our-programs>)  
    Care Extenders (<https://www.uclahealth.org/careextender/>)  
    Administrative Intern (<https://www.uclahealth.org/Volunteer/intern-program>)  
    Nursing Volunteer (<https://www.uclahealth.org/Volunteer/nursing-volunteer-program>)  
    MAPS Volunteer (<https://www.uclahealth.org/Volunteer/maps-volunteer-program>)  
    People Animal Connection-PAC (<https://www.uclahealth.org/pac/>)  
Clinical UCLA Health Sciences Volunteer Program  
(<https://www.uclahealth.org/Volunteer/clinical-ucla-health-sciences-volunteer-program>)  
Non-Clinical UCLA Health Sciences Volunteer Program  
(<https://www.uclahealth.org/Volunteer/non-clinical-ucla-health-sciences-volunteer-program>)



**OPPORTUNITIES IN FIELD BIOLOGY/MARINE BIOLOGY**

[Innovation in Environmental Biology Education](#)  
[Conservation Biology & Wildlife Directory of Internships](#)  
[Smithsonian Office of Internship Programs: Ecology, Evolution, & Biology](#)  
[Boyce Thompson Institute](#)  
[U.S. Field & Wildlife Service](#)



**RESEARCH OPPORTUNITIES & RESOURCES**

**UNDERGRADUATE RESEARCH CENTER (URC):** <http://sciences.ugresearch.ucla.edu/>  
Provides information and opportunities for undergraduates to engage in research and creative activities at all levels.  
Life and Physical Sciences: 2121 Life Sciences, (310) 794-4227, E-mail: [urcsciences@college.ucla.edu](mailto:urcsciences@college.ucla.edu)

*Students should also check with their individual departments about other opportunities and additional information.*

Before engaging in any research activities, it is recommended that you attend an introductory workshop:  
**ENTERING STEM RESEARCH & SRP-99 WORKSHOPS**  
<http://sciences.ugresearch.ucla.edu/getting-started/workshops/>

**RESEARCH CONTRACT COURSES (99, 198ABCD, 199)**

Each department has different policies and different submission deadlines for your research contracts. You are responsible for being aware of these deadlines.



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### HOW TO FULFILL PRE-HEALTH PRE-REQUISITES WITH UPPER DIVISION (UD) MAJOR REQUIREMENTS

- **Common Pre-Requisites (lower division):** Most fulfilled upon completion of lower division major prep, e.g., LS 7ABC, Chem, etc.
- **Common Upper Division required for pre-health pre-requisites**

MEDICAL	DENTAL	PHARMACY	OPTOMETRY
<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• LS 107 or EE BIOL 150</li> <li>• MIMG 101 or MIMG C185A</li> <li>• MCD BIO 138, MCD BIO 165A, etc.</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• LS 107 or EE BIOL 150</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> <li>• MIMG C185A</li> <li>• MCD BIO 138, MCD BIO 165A, etc.</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep &amp; additional chemistry lab (CHEM 14CL/30BL)</li> <li>• May also require CHEM 30C and/or 30CL</li> <li>• PHYSICI 3</li> <li>• PHYSICI 13</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• CHEM 153L</li> <li>• MCD BIO 138, 165A</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> <li>• PHYSICI 3</li> <li>• PHYSICI 13</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> </ul>

VETERINARY	NURSING	PODIATRY
<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• EE BIOL 110, 111, 113AL, 114A, 115, 129</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> <li>• PHYSICI 166 or PHYSICI 165 (166 usually preferred; 165 does not have a lab)</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> <li>• PHYSICI 3 – Human Physiology w/ Lab</li> <li>• PHYSICI 13 – Human Anatomy w/ Lab</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> <li>• PHYSICI 167</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM14CL/30BL)</li> <li>• PHYSICI 3 – Human Physiology w/ Lab</li> <li>• PHYSICI 13 – Human Anatomy w/ Lab</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> </ul>

PHYSICIAN ASSISTANT	PHYSICAL THERAPY	OCCUPATIONAL THERAPY
<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/30BL)</li> <li>• PHYSICI 3 – Human Physiology w/ Lab</li> <li>• PHYSICI 13 – Human Anatomy w/ Lab</li> <li>• CLASSIC 47 – Medical Terminology</li> </ul> <p>UPPER DIVISION:</p> <ul style="list-style-type: none"> <li>• LS 107 or EE BIOL 150</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be optional, check program)</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 14CL/ 30BL)</li> <li>• PHYSICI 3 – Human Physiology w/ Lab</li> <li>• PHYSICI 13 – Human Anatomy w/ Lab</li> </ul>	<p>Lower Division:</p> <ul style="list-style-type: none"> <li>• All major prep</li> <li>• PHYSICI 3</li> <li>• PHYSICI 13</li> </ul> <p>Other:</p> <ul style="list-style-type: none"> <li>• Medical Terminology</li> <li>• Psychology courses, including: Abnormal Psychology, Lifespan</li> </ul>