

**2022 UCLA SUMMER ORIENTATION**  
**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 CCLE Page** – This list serv will migrate to the Canvas site sometime during Fall Quarter.

**Undergraduate News Services - Subscription Highly Recommended**

Students in the Department of Ecology and Evolutionary Biology are encouraged to subscribe to the EEB Undergraduate Counseling **CCLE page**. This page will connect you with all official communications from the department, including announcements about:

- 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 obtain initial access to this website:**

1. Log in using your UCLA logon (the LOGIN button is located in the upper right-hand corner of this site)
2. Click on one of the "Enroll me" buttons above or left
3. Enter the Enrollment key: **54321**
4. Once you have completed these steps, you will just need to sign in with your UCLA logon the next time you access this site
5. Bookmark this URL

**To unenroll from this site:** Click on the "Unenroll me from eeb-counseling" link in the left-hand block.



**DEPARTMENTAL COUNSELORS** 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

**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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**CONTACTING YOUR COUNSELOR**

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

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

**NOTE: Departmental Counselors 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 counselors 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.**



**MAJOR CURRICULUM & ACADEMIC ELIGIBILITY**

**\*LIFE SCIENCE CORE CURRICULUM (Lower Division Major Preparation Courses)**

- 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 asterick (\*) 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**
- **IMPORTANT:** Students who repeat more than two major prep courses or any major prep course more than once are subject to dismissal from any major in the Division of Life Sciences. Please contact your departmental counselor if you need to repeat a course .

**\*TRANSFER STUDENTS:**

**Your departmental counselor will review your DARS with you to determine if you are missing any of the lower division major preparation courses during your one-on-one appointment.**

**COURSE PLANNING & ENROLLMENT**

In order to acclimate yourself to UCLA, it is recommended that you take no more than three (3) classes in your first quarter at UCLA. As a Life Sciences major, we recommend that you take two (2) science/major classes and one (1) non-science course, e.g., general education, writing, etc. in your first quarter. For questions about specific courses pertaining to your major, please see your departmental counselor.

All EEB majors (freshman admits) are encouraged to begin to enroll in upper division EEB courses in their second year, e.g., EEB 100. The main pre-requisite for the upper division EEB courses is LS 7B.

A competitive application process is used to determine who is chosen to participate in the field quarters (EBE: FBQ or MBQ or FMBQ; Marine Biology: MBQ or FMBQ). The application period is usually one year prior to the field quarter. Information about upcoming field quarters and application availability and deadlines will be sent via the EEB Undergraduate News Listserv

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Students, PLEASE meet with departmental counselors to help pick the right courses and curricular pathway.

**ENROLLMENT**

You are allowed to enroll in a maximum of 19 units without special permission during Fall, Winter and Spring Quarter. During Summer Sessions, you are allowed to enroll in a maximum of 18 units without special permission. To enroll in more than the allowed maximum units, you must obtain permission from your College Counseling unit (CAC, AAP, Honors, Athletics).

During **First Pass**, students are allowed to enroll in a maximum of 10 units total. You will be able to enroll in your remaining units once your **Second Pass** begins.

Some departments restrict enrollment into some of their classes, especially upper division courses (those numbered 100-199), during Priority/First Pass to the majors/minors in their department. These enrollment restrictions are usually lifted once Second Pass begins. If you still have difficulty, contact the department that is offering the class to assist you with enrollment. For example, contact the Chemistry department for Chem 153A.

**FOR ENROLLMENT ASSISTANCE:** Contact the department that is offering the course. 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 counselors 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.
- ❖ Check the Final Exam schedule when choosing classes. Most students prefer not having more than one final on the same day.  
Your instructor will not change the date of the final exam for your convenience.
- ❖ If you have questions about your schedule, please consult your departmental counselor.

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:ugrad@chem.ucla.edu">ugrad@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:ugrad@math.ucla.edu">ugrad@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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**COMMON UD COURSES SELECTED FOR UD MAJOR REQUIREMENTS**

<b>COURSE</b>	<b>PRE-REQUISITE(S)</b>	<b>DEPARTMENT/OFFICE LOCATION</b>	<b>CONTACT INFO</b>
Chem 153A	Chem 30B	Chemistry & Biochemistry/4006 Young Hall	Department of Chemistry & Biochemistry Undergraduate Office (ugrad@chem.ucla.edu)  (310) 825-4660 (310) 825-1859
Any UD* EE BIOL**	LS 7B; some may require add'l courses	Ecology & Evolutionary Biology/ 101 Hershey Hall	Jessica Angus, Jess Gonzalez, or Melissa Carrillo Message Center via MyUCLA  (310) 825-1680
Any UD* MCD BIO**	LS 7A; some may require add'l courses	Molecular, Cell & Developmental Biology/128 Hershey Hall	Connie Firestone & Maggie Schmall (undergrad@mcdm.ucla.edu)  (310) 825-7109
Any UD* MIMG**	LS 7A; some may require add'l courses	Microbiology, Immunology & Molecular Genetics/1602B Mol Sci Bldg	Joy Ahn (jahn@microbio.ucla.edu)  (310) 825-8482
Any UD* Neurosci**	LS 7A, 7B, 7C, Physics 5A, 5C; some may require add'l courses	Neuroscience/1506D Gonda	Jaclyn Robbin (neurosci@ucla.edu) & Aftin Whitten (neurosci@ucla.edu)  (310) 206-2349
Any UD* Physci**	LS 7C; some may require add'l courses	Integrative Biology & Physiology (Physiological Science)/125 Hershey Hall	Inna Gergel (gergel@physci.ucla.edu)  (310) 825-3892 <a href="mailto:gergel@physci.ucla.edu">mailto:gergel@physci.ucla.edu</a>

\*UD = Upper Division; courses numbered 100-199

\*\*Enrollment into UD classes in these departments may be limited to students in their departments during priority/first enrollment pass.  
 Note: Some UD classes may only be open to majors/minors in that department.

For other enrollment and registration problems or issues, contact or visit the Registrar's Office: 1105 Murphy Hall, (310) 825-1091



**PRE-HEALTH & CAREER RESOURCES**

**Pre-Health at UCLA:**

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

<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/>)

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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>)

### 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)

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/>

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

**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.



### DEPARTMENTAL MAJORS

- ❖ There are three (3) majors offered by the Department of Ecology and Evolutionary Biology (EE BIOL):
  - 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).

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- 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

**HOW TO FULFILL PRE-HEALTH PRE-REQUISITES WITH 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
Lower Division: <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 30BL)</li> </ul> UPPER DIVISION: <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>	Lower Division: <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 30BL)</li> </ul> UPPER DIVISION: <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>	Lower Division: <ul style="list-style-type: none"> <li>• All major prep &amp; additional chemistry lab (CHEM 30BL)</li> <li>• May also require CHEM 30C and/or 30CL</li> <li>• PHYSCI 3</li> <li>• PHYSCI 13</li> </ul> UPPER DIVISION: <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• CHEM 153L</li> <li>• MCD BIO 138, 165A</li> </ul>	Lower Division: <ul style="list-style-type: none"> <li>• All major prep</li> <li>• Possible additional chemistry lab (CHEM 30BL)</li> <li>• PHYSCI 3</li> <li>• PHYSCI 13</li> </ul> UPPER DIVISION: <ul style="list-style-type: none"> <li>• CHEM 153A</li> <li>• MIMG 101 &amp; MIMG 100L (lab may be</li> </ul>

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			optional, check program
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VETERINARY	NURSING	PODIATRY
<p>Lower Division:</p> <ul style="list-style-type: none"> <li>All major prep</li> <li>Possible additional chemistry lab (CHEM 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 30BL)</li> <li>PHYSICI 3</li> <li>PHYSICI 13</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 (CHEM 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>

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 30BL)</li> <li>PHYSICI 3</li> <li>PHYSICI 13</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 30BL)</li> <li>PHYSICI 3</li> <li>PHYSICI 13</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>