



UCI BioSci Student Affairs

BIO SCI ANNOUNCEMENTS & EVENTS S'24 - Week 6

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1. MS in Pharmacology Virtual Info Session - May 8

Dear Prospective MSP Student,

Thank you for your interest in the online MS in Pharmacology program at the University of California! We are hosting a VIRTUAL Information Session on **Wednesday, May 8 from 4 pm – 5 pm PST**. We will discuss program details and benefits, the application process, and answer participant questions.

Congratulations! You are almost halfway through your undergraduate degree here in the School of Biological Sciences.

UCI School of Pharmacy &
Pharmaceutical Sciences

**MS in
Pharmacology
Virtual Information
Session**

Wednesday, May 8
4 pm - 5 pm
Join us via Zoom

Information Session will cover:

- Program Overview
- Program Benefits
- Application Process

Interested in a Master of Science in Pharmacology? Join us to learn more about this 2-year online program, which focuses on the fundamental principles of pharmacology, the mechanisms of drug action, current topics in drug discovery, and critical skills for pharmacology research.

[REGISTER HERE](#)

2. Study Abroad Workshops for Bio Sci Majors

Want to Study Abroad but don't know where to start?

Please join us for a workshop for Bio Sci majors to go over the process of selecting a program, best timelines, programs to consider, and to hear experiences from Bio Sci students who have participated in Study Abroad/UCEAP!

Please RSVP with this link [here](#) for a Workshop below. There are remote and in-person options:

- In-person: Tues, May 14th, 11-11:50AM, **NS1 3116**
- Zoom: Fri, May 17th, 11-11:50AM
- Zoom: Wed, May 22nd, 10-10:50AM
- In-person: Wed, May 22nd, 2-2:50PM, **NS1 3116**

Studying Abroad As Bio Sci Majors

Please RSVP for a workshop:

Via Zoom*:
FRIDAY, MAY 17TH @ 11AM
WEDNESDAY, MAY 22ND @ 10AM

-OR-

In-person:
TUESDAY, MAY 14TH @ 11AM
WEDNESDAY, MAY 22ND @ 2PM

* Zoom link provided after RSVPing

Attend an informational workshop on how to choose a program, apply, and receive course credit abroad!

RSVP: <https://forms.gle/XJmpQ7AuEGeXaJYA>

3. Research Opportunities

Seeking Undergraduate Researcher(s) Interested in Structural Biology and Immunology

Our lab studies how novel proteins function in the context of innate immunity. Pertaining to this position, we study how proteins originating in bacteria which are now in fungi have since been repurposed by their new organisms. An undergraduate researcher(s) in the lab would assist in the preparation, expression, and purification of these proteins as well as their structural determination (figuring out how they look in the cell) via X-ray crystallography.

We're looking for 1-2 students who would be available to come to the lab for somewhere between 5 to 10 hours per week for stretches of at least 3 hours at a time. Previous protein science experience would of course be preferred, but is definitely not required. Priority will be given to students with prior lab experience!

If you are interested, please contact Ali Nabhani at nabhania@uci.edu. **The deadline to apply is May 20th.**

Bio 199 Research Opportunity to Study Diabetes, Obesity, and Gene-Environment Interactions

The Department of Developmental and Cell Biology's Blumberg Lab is seeking driven, enthusiastic Bio-199 undergraduate researchers with strong interests in gene-environment interactions, epigenetics, obesity, diabetes and metabolic disease. More information about the lab can be found here: <https://blumberg-lab.bio.uci.edu/>.

The Blumberg Lab is broadly interested in the study of gene regulation and intercellular signaling during embryonic development. They are studying the relationship between exposure to endocrine-disrupting chemicals and obesity/diabetes and the epigenetic processes underlying the effects. Students will have the opportunity to work with animals and at the bench, and will have the autonomy to start personal research projects in the future.

Students would start this summer and are expected to commit **20 hrs/wk** throughout the summer and the academic year. Nearly all students who work in the lab for an extended period of time have co-authored publications.

If interested, please submit a short personal statement and why you want to join the lab, a CV, and an unofficial transcript to blumberg@uci.edu.

4. BSC Presents: Specializing in Bio Sci - May 10

Specializing in BioSci

BSC is hosting our annual Specializing in BioSci event on Friday, May 10th from 5-7 PM in Natural Sciences II Room 4201! Feel free to come with any questions you have regarding the process of specializing within the BioSci major, and to learn more about what each major offers!

BSC Presents
**SPECIALIZING
IN BIOSCI**
FRIDAY, MAY 10TH FROM 5-7PM
IN NS II ROOM 4201

A presentation on
the process of
specializing within
the BioSci major.
Stop by to learn
more about what
each major offers!

@BSCUCI
HTTPS://BIOSCISC.MIX
SITE.COM/OFFICIAL

5. Samuel Merritt University, College of Podiatric Medicine Summer Enrichment Program - Apply by June 14

If you are considering a career in podiatric medicine and surgery (or know someone who is), then I'd like to invite you to [the 2024 CPM Experience](#), a summer enrichment program. During this three-day workshop, you'll get a chance to explore the profession of podiatric medicine, shadow faculty and students in a variety of settings, learn how to cast and suture, and participate in organized lectures covering the correlation between podiatric medicine and the basic sciences. We'll also spend some time covering the DPM application and admission process.

The CPM Experience: Summer Enrichment Program

July 17-19, 2024

Samuel Merritt University

To learn more about the program, including the availability of travel support, and to submit your application, visit the [CPM Experience webpage](#). Applications are due by June 14.

6. UTEACH: Develop and Teach Your Own Class at UCI, Apps due June 7

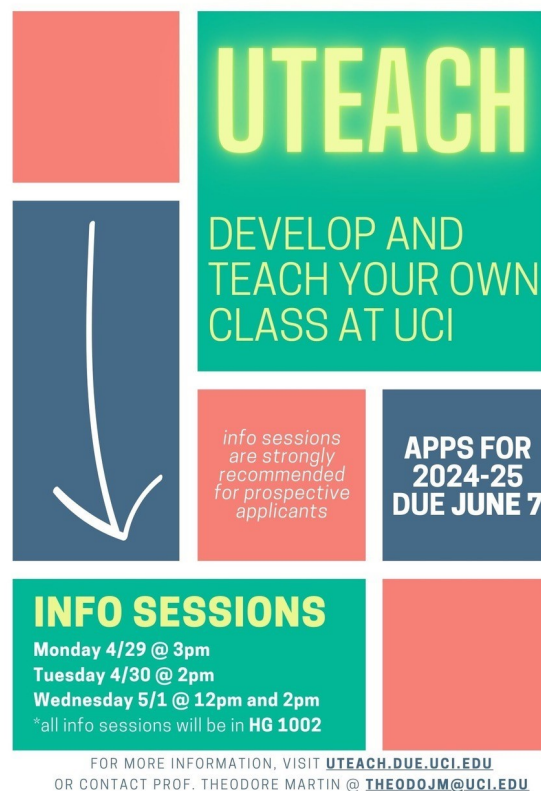
Dear students:

UTeach is a program that enables undergraduates to design, develop, and teach their own lower-division seminar at UCI.

UTeach courses can be taught by students from any major. Our current classes cover a vast and lively range of topics, including the Physiology of Superheroes; the Eco-Narratives of Studio Ghibli; Transmedia Storytelling; Shakespeare in High School; the United Nations; Treaty Design; Southeast Asian Gangs; History and "Hamilton"; Warfare and the Making of Modern Greece; Literature of the Vietnam War; and Reproductive Justice.

You can view descriptions of our current course offerings [here](#).

Applications for the 2024-25 UTeach cohort will open soon. If you are interested in applying, **please attend one of our upcoming information sessions**. These sessions will provide an overview of UTeach, go over the application process, and give you a chance to ask any questions you might have about the program. UTeach Info Sessions will be held on the following dates and times:



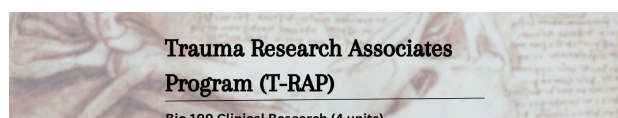
The graphic is a collage of colored squares and text. At the top left is a red square. To its right is a green square with the word "UTEACH" in large, bold, yellow letters. Below the red square is a dark blue square with a white arrow pointing downwards. To the right of the arrow is a red square containing the text "info sessions are strongly recommended for prospective applicants". To the right of that is a dark blue square with the text "APPS FOR 2024-25 DUE JUNE 7". Below the arrow and the red square is a green square with the text "INFO SESSIONS" in bold yellow letters, followed by the dates and times: "Monday 4/29 @ 3pm", "Tuesday 4/30 @ 2pm", and "Wednesday 5/1 @ 12pm and 2pm". A small note at the bottom of the green square says "*all info sessions will be in HG 1002". To the right of the green square is another red square. At the bottom of the graphic, centered, is the text "FOR MORE INFORMATION, VISIT [UTEACH.DUE.UCI.EDU](https://uteach.due.uci.edu) OR CONTACT PROF. THEODORE MARTIN @ THEODOJM@UCI.EDU".

7. Trauma Research Associates Program (T-RAP), Apply by May 15

BIO 199 Clinical Research Opportunity!

The Trauma Research Associates Program (T-RAP) at the UCI Medical Center is currently looking for bright and motivated UCI undergraduates to join our research team! The application deadline to submit is **May 15th, 2024 at 11:59 pm** after which interview invites will be sent out. T-RAP requires a minimum 1-year commitment and 4 units of Bio Sci 199 credit during the school year. To learn more or to apply to our program, please visit our website to fill out an application! Students of sophomore or junior standing are preferred.

Website: <https://ucitrap.wixsite.com/home>



T-RAP provides UC Irvine undergraduate students the opportunity to conduct clinical research studies in Orange County's only Level-1 Trauma Burn Center.

Under mentorship from UCI trauma surgeon Dr. Allen Kong, students become well versed in the workings of trauma surgery and critical care. The T-RAP experience involves a unique blend of each of the following:

First-hand clinical exposure in Department of Surgery's Division of Trauma/Critical Care/Burns

Patient Interaction

Guidance and development of IRB protocols

QR Code for our website!



OR Presentations

Attending medical grand rounds

Individual Projects/Presentations

OR Training and shadowing surgeries

Application Link: <https://tinyurl.com/TRAP2024>

Application Deadline: **May 15, 2024 at 23:59**

QR Code for the application!



8. MS in Biotechnology - UC Berkeley

University of California, Berkeley

Master of Biotechnology

Program at a Glance

- One-year, 30-unit accelerated program.
- Courses begin in early July and are designed to train students on CRISPR-Cas9 genome editing, stem cell culture, and bioinformatics.
- Our internship program connects students with local biotech companies and academic labs, where they gain crucial research experience.
- We prioritize our students' professional development to ensure their success after graduation.

Admissions Requirements

- BA/BS in Biological Sciences or related field
- Minimum 3.00 GPA
- Relevant undergraduate coursework
- Minimum 90 internet-based TOEFL or 7.0 IELTS score (if applicable)

Application Materials

- Undergraduate transcript(s)
- Personal History Statement
- Statement of Purpose
- Two letters of recommendation
- TOEFL/IELTS (if applicable)

Timeline to Graduation

Summer Session D

Coursework

- Core lab course



Fall Semester

- Core lab course
- Biotech primer course
- Career development course
- Electives

Internships

- Biotech company visit
- Internship applications and matching

Spring Semester

- Drug discovery course
- Internship and capstone courses

- 3 - 4 month internship

Capstone Project

- Independent research project
- Capstone presentation

Department of Molecular and Cell Biology

<https://mcb.berkeley.edu/masters>

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Berkeley
UNIVERSITY OF CALIFORNIA

Master of Biotechnology

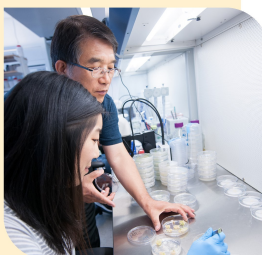
Internship Program

Our program's signature component, a 3-4 month internship, takes place each Spring semester. Our internship placement and selection process ensures that each student is placed at a local biotech company or campus lab that fits their scientific interests and career goals.

During their internship, students will perform full-time research, while working closely with their internship mentor to develop their capstone project.

An internship course brings students together on Fridays to meet and discuss their internship projects, progress, and receive feedback on their work.

Check out our internship partners at:
mcb.berkeley.edu/masters/partners



Capstone Project

Each student's internship will culminate in the completion of their capstone project, which is an independent research project that the student has been working on during their internship.

Students will put together a written report and

Program Outcomes

- Students learn and work with state-of-the-art technologies used in biomedical research.
- Career development courses build students' communication skills, prepare for interviews, and help polish their resumes.

present their capstone project at a one-day research symposium attended by their cohort and faculty.

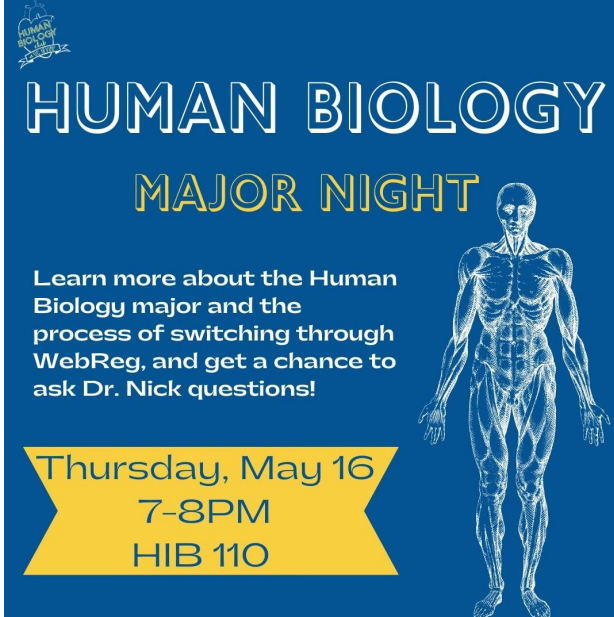


• Internships give students the opportunity to gain valuable experience working at a biotech company or academic lab.

• Connections with local biotech companies and the broader campus provide students with a strong professional network.

9. Human Biology Major Night - May 16

Human Biology Club will be hosting a Human Biology Major Night on **Thursday of Week 7 (May 16th) from 7-8 PM at HIB 110**. If you are interested in specializing in Human Biology or want to learn more about what Human Biology is and what this major has to offer, come join us! Our Human Biology professor, Dr. Nick, will be giving a presentation about the major and answer any of your questions. We will also be providing pizza for dinner, so bring a friend and we hope to see you there!



The poster features a dark blue background with a white anatomical illustration of a human male figure showing muscles and internal organs. The text is in white and yellow. At the top left, there is a small logo for the Human Biology Club. The main title 'HUMAN BIOLOGY MAJOR NIGHT' is prominently displayed. Below the title, there is a paragraph of text. At the bottom, a yellow banner contains the event details: 'Thursday, May 16', '7-8PM', and 'HIB 110'.

HUMAN BIOLOGY
MAJOR NIGHT

Learn more about the Human Biology major and the process of switching through WebReg, and get a chance to ask Dr. Nick questions!

Thursday, May 16
7-8PM
HIB 110