Research Practice 97XD

Research Unwrapped: Introduction to Research in the Sciences
Summer Session A6
June 26 – August 4, 2023
1-unit Seminar (P/NP)
Thursdays, 3:00-4:50PM

Course Description

Research Practice 97XD exposes students to university research and a wide array of research practices in the sciences. Students will be introduced to undergraduate research, the scientific method, information and publication search strategies, science communication and degrees/careers requiring research experience. Pass/No Pass (P/NP) grading. *Note: this course does NOT include any physical lab work.*

Learning Objectives

By the end of this course, students will:

- Gain an understanding and appreciation of the role of a research university
- Become acquainted with the practice of research
- Learn about undergraduate research and the scientific method
- Gain knowledge about science communication
- Learn how to search for information and publications
- Learn about degrees/careers requiring research experience

Course Requirements

Attendance and Participation
This class meets for two hours each week over six weeks. You will receive 1 point for attending and participating in each class meeting. No more than one absence is allowed for a passing grade. This means you <u>must</u> attend and participate in at least 5 classes. Timely attendance at all class meetings is expected.

Readings
Students are responsible for completing all assigned readings *prior* to the class for which they are assigned. All course readings will be available on the course Bruin Learn site. It is your responsibility to familiarize yourself with the Bruin Learn platform and stay up to date on all required readings.

Class Activities
You will have six in-class activities worth 1 point each. You will receive formative feedback for each completed activity.

Grading

This is a Pass/No Pass (P/NP) course evaluated on the basis of attendance, participation, and completion of in-class activities. To pass this course, you <u>must</u> attend and participate in a minimum of 5 class meetings and complete all in-class activities. If you miss a class, you must complete a makeup assignment for the class that you missed for credit.

    Attendance: 6 points (1 point per session)
    In-class activities: 6 points (1 point per activity)
    Total: 12 points (11 points are required to pass the course)

Office Hours

TBD

Schedule*

Week	Date	Topic	Location	In-class Activity	Readings
1	June 29	Introduction to Research; Identify Your Research Interests	Geology 3656	• Exploration of Research Interests • Choose Faculty Guest Speaker for Week 4	• Beginning Your Research Journey
2	July 6	The Scientific Method; Research Design Student Panel: UCLA Undergraduate Researcher	Geology 3656	• Create Questions on Research Design for Student Panel	• Brainstorm Your Research Journey
3	July 13	Collecting Sources; Information and Publication Search Strategies Guest Speaker: UCLA Librarian (California Digital Library)	Geology 3656	• Identify Research Article	• Finding Sources at UCLA • Primary and Secondary Sources
4	July 20	Ethical Issues and Integrity in Research; History of Human Subjects Guest Speaker: UCLA Faculty and Institutional Review Board	Geology 3656		
5	July 27	Science Communication: Elevator Pitch	Geology 3656	• Present Elevator Pitch	• Deconstructing the Elevator Speech
6	August 3	Degrees/Careers Requiring Research Experience	Geology 3656	• Presentation of Research Article	

May not reflect the complete contents of the final syllabus and is subject to change.

Academic Integrity

Students are expected to practice academic integrity and comply with UCLA's Student Conduct Code. Violations or attempted violations of academic dishonesty such as falsifying attendance, fabrication or plagiarism are investigated seriously, and may constitute grounds for dismissal from this course.

Academic Accommodations

Students needing academic accommodations based on a disability or COVID-related accommodations should contact the Center for Accessible Education (CAE) at 310.825.1501 or in person at Murphy Hall A-255. When possible, students should contact the CAE within the first two weeks of the term as reasonable notice is needed to coordinate accommodations. For more information visit https://cae.ucla.edu.

Class Conduct and Commitment to Inclusivity

It is always important we respect each other's perspectives (in so far as they are not willfully harmful or harassing others). The instructor and students must always be respectful, treating everyone with patience. Failure to do so may result in removal from the course.

UCLA's Office for Equity, Diversity, and Inclusion provides resources, events, and information about current initiatives at UCLA to support equality for all members of the UCLA community. We hope that you will communicate with us if you experience anything in this course that does not support an inclusive environment, and you can also report any incidents you may witness or experience on campus to the Office of Equity, Diversity, and Inclusion on their website (https://equity.ucla.edu/).

COVID-19 Guidance

Ensuring a safer campus depends on each of us following the latest UCLA health and safety guidelines. While campus policies must be modified to address changing local, state, and national orders and guidance, the most current information is available at https://covid-19.ucla.edu.

Title IX Office

Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. If you have experienced sexual harassment or sexual violence, you can receive confidential support and advocacy at the CARE Advocacy Office for Sexual and Gender-Based Violence, 1st Floor Wooden Center West, CAREadvocate@careprogram.ucla.edu, 310.206.2465. In addition, Counseling and Psychological Services (CAPS) provides confidential counseling to all students and can be reached 24/7 at 310.825.0768. You can also report sexual violence or sexual harassment directly to the University's Title IX Coordinator, 2241 Murphy Hall, titleix@conet.ucla.edu, 310.206.3417. Reports to law enforcement can be made to UCPD at 310.825.1491.