

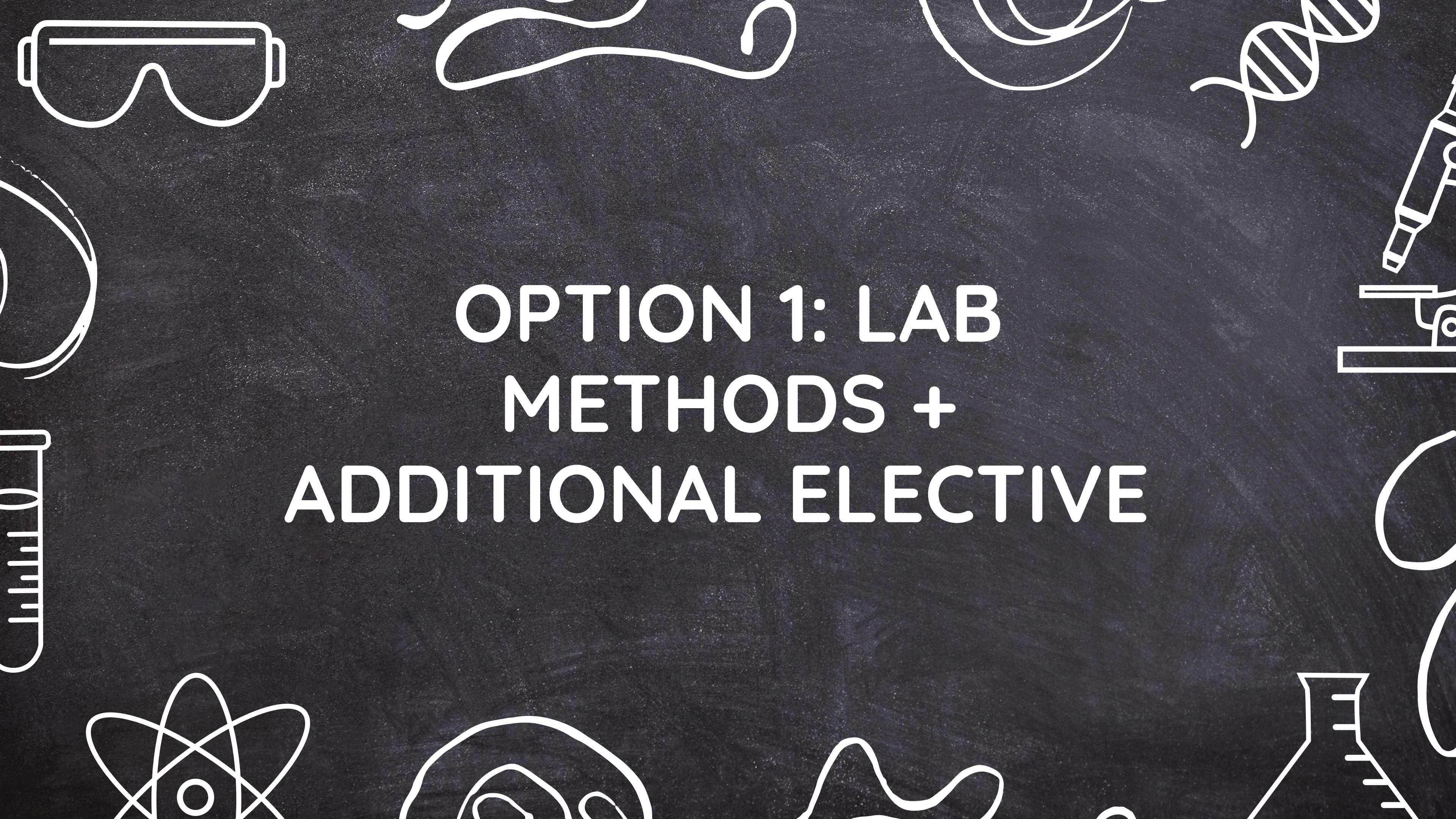


NEUROSCIENCE MAJOR CAPSTONE OPTIONS

MONDAY, JANUARY 8TH AT NOON
ZOOM

AGENDA

- Neuroscience capstone options
- How to enroll in the independent research capstone
- Additional Resources
- Questions?

The background is a dark grey, textured surface resembling chalkboard paint. It is decorated with various white line-art icons related to science and laboratory work. In the top left, there is a pair of safety goggles. To its right is a coiled tube or wire. Further right is a DNA double helix. On the far right, a portion of a microscope is visible. In the bottom left, there is a test tube with a liquid level and a simple atomic model with a central nucleus and three elliptical orbits. At the bottom center, there is a wavy line representing a chemical structure or a signal. In the bottom right, there is a portion of a beaker or flask with a liquid level.

OPTION 1: LAB METHODS + ADDITIONAL ELECTIVE

LABORATORY METHODS

- Two Course Requirement
 - NEUROSC/PSYCH M116A or PSYCH 116B (offered all quarters + summer)
 - Prerequisites: NEUROSC M101A and M101B (latter can be taken concurrently)
 - Additional elective from any category (behavioral & cognitive, systems & integrative or molecular, cell & developmental)
 - Students who choose this option take 4 electives overall for the major (minimum for major is 3)

Behavioral and Cognitive Neuroscience ([click here for course titles/descriptions](#))

- Disability Studies M139
- Music Industry M103
- Neuroscience M119L, CM123*, 140, 142, M161, M170, C172, M176*, C177*, 178, 179, M187*, 191A
- Physiological Science M106*, CM123*, C130*, C144*, 175*, M176*, M181*
- Psychology 110, 112A, 112B*, 112C*, 112E, 118, 119A*, 119B*, 119C-F, 119I*, 119J*, M119L, 119M*, M119O, 119P, 119R, 119S*, 119U, M119X*, 120A, 120B*, 124A, 124B, 124C*, 124D (Consciousness: Current Debates), 124K, 127B, 137A* (only if Neuroscience of Social Perception [previously PSYCH 188B]), M139, 161, 164*, M166*
- Psychiatry 174, 176, M182

Systems and Integrative Neuroscience ([click here for course titles/descriptions](#))

- Neuroscience M119N, CM123*, M135, M145*, C151, M176*, C177*, M187*, 191B
- Physics C186*
- Physiological Science M106*, CM123*, C126*, C127*, C130*, M135, 138, C144*, M145*, 146*, 147*, 173, M176*, 177, M181*
- Psychology 112B*, 112C*, M117J*, 119A*, 119B*, 119I*, 119J*, 119M*, M119N, 119Q, 119S*, M119X*, 120B*, 124C*, 137A*, 162*, 164*, M166*

Molecular, Cellular, and Developmental Neuroscience ([click here for course titles/descriptions](#))

- Neuroscience M145*, 150, C177*, 180, 181, 182, 186, M187*, 191C
- Physics C186*
- Physiological Science M106*, 121, C126*, C127*, M145*, 146*, 147*, 174, 175*, M181*
- Psychology 119A*, 162*, M166*



OPTION 2: INDEPENDENT RESEARCH

SRP-99 RESEARCH CONTRACTS

- Entry-Level experience
- 1-2 units of lower division credit
- Must be a full time student in good academic standing
- Pass/No Pass
- Create a contract on MyUCLA (can choose Neuroscience or the department your lab/PI is based in)
- Contracts are due to the Undergraduate Research Center-Sciences by Friday of Week 2 (via MyUCLA Message Center).



DEPARTMENTAL 199 RESEARCH CONTRACTS

- More advanced, independent and a greater time commitment
- Can earn a letter grade for 4 units of credit
- Requires a thesis at the end of the quarter
- Administered by the department of the faculty advisor/PI.
- Option for students who want to earn upper division credit for research, but are not yet ready to begin their Neuroscience capstone.



NEUROSC 199A/B, 198A/B

- Prerequisites: NEUROSC M101A & SRP-99 or 199 with same lab
- Contract course for 2 consecutive quarters
- Faculty sponsor must have an academic senate title
- Paperwork due Friday of Week 1
- 4 units each. Letter grade given at the end of Neuroscience 199B or 198B for 8 units.
- Only available in Fall, Winter, and Spring and must be taken in consecutive quarters

WHAT IS THE DIFFERENCE BETWEEN 198 & 199?

Both fulfill the neuroscience research capstone. However, NEUROSC 198A/B is for students pursuing departmental honors. If you are a part of the departmental honors program, this is the contract you will create and enroll in.

In addition to all of the requirements of a NEUROSC 199A contract, students completing NEUROSC 198A will be enrolled in an honors seminar, NEUROSC 191H in winter, and complete an honors thesis after NEUROSC 198B (requires a second faculty reader).

HOW TO ENROLL IN CAPSTONE RESEARCH CONTRACT

Step 1. Download Neuroscience 198A or 199A contract from [MyUCLA](#).

Step 2. Complete Supplemental Outline - [198A/199A Supplemental Outline Instructions](#)

Step 3. Fill out [Faculty Sponsor Form](#) (different forms for 199A/B and 198A/B)

Step 4. Get Faculty mentor to sign BOTH the MyUCLA contract and a faculty sponsor form.

****Submit all documents as a single PDF by 4pm Friday of Week 1 to the Bruin Learn website.**

Home

Modules

Assignments

Files







Search

Media Gallery

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Neuroscience Capstone Research Contracts (Due by Friday of Week 1)

Complete One Item

	Research Contract Submission Instructions (PLEASE REVIEW) 0 pts View	<input type="radio"/>
	NEUROSC 199A Contracts and Materials Jan 12, 2024 0 pts	
	NEUROSC 198A Contracts and Materials (departmental honors only) Jan 12, 2024 0 pts	
	NEUROSC 199B Contracts and Materials Jan 12, 2024 0 pts	
	NEUROSC 198B Contracts and Materials (departmental honors only) Jan 12, 2024 0 pts	
	NEUROSC 199C Contracts and Materials Jan 12, 2024 0 pts	

Neuroscience Capstone Research Reports (Due by Friday of Finals Week)

Complete One Item











	Research Report Submission Instructions (PLEASE REVIEW) Mark done	<input type="radio"/>
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View Course Stream

View Course Calendar

View Course Notifications

To Do

-  [NEUROSC 199A Contracts and Materials](#) 
Winter 2024
Neuroscience
198AB/199ABC
Jan 12, 2024 at 4pm
-  [NEUROSC 198A Contracts and Materials \(departmental honors only\)](#) 
Winter 2024
Neuroscience
198AB/199ABC
Jan 12, 2024 at 4pm
-  [NEUROSC 198B Contracts and Materials \(departmental honors only\)](#) 
Winter 2024
Neuroscience
198AB/199ABC
Jan 12, 2024 at 4pm
-  [NEUROSC 199B Contracts and Materials](#) 
Winter 2024
Neuroscience
198AB/199ABC
Jan 12, 2024 at 4pm
-  [NEUROSC 199C](#) 



OPTION 3: OUTREACH AND ENGAGEMENT

PROJECT BRAINSTORM (NEUROSC 192BX)

- Project Brainstorm is a two-quarter outreach and research project offered to Juniors and Seniors in which you have an opportunity to develop teaching lessons on Neuroscience that you present to local K-12 students.
- Project Brainstorm meets Thursdays, 9:00 am – 11:50 am in both the Winter and Spring quarters.
- Students will be required to present findings at the annual Neuroscience Poster Day.

Questions? Contact Dr. Dominguez at enduming@g.ucla.edu.

DOPA TEAM (NEUROSC C177, 192CX)

- Successful applicants will enroll in two sequential courses: NEUROSC C177 'Drugs of Abuse: Translational Neurobiology' in winter quarter and NEUROSC 192CX 'Drug Abuse and Society: Conveying Concepts to High School' in spring quarter
- Students will be given the opportunity to choose a drug category and translate the academic knowledge acquired in C177 into an age-appropriate and interactive presentation and hands-on activity for high school students.
- Students will be required to present findings at the annual Neuroscience Poster Day.

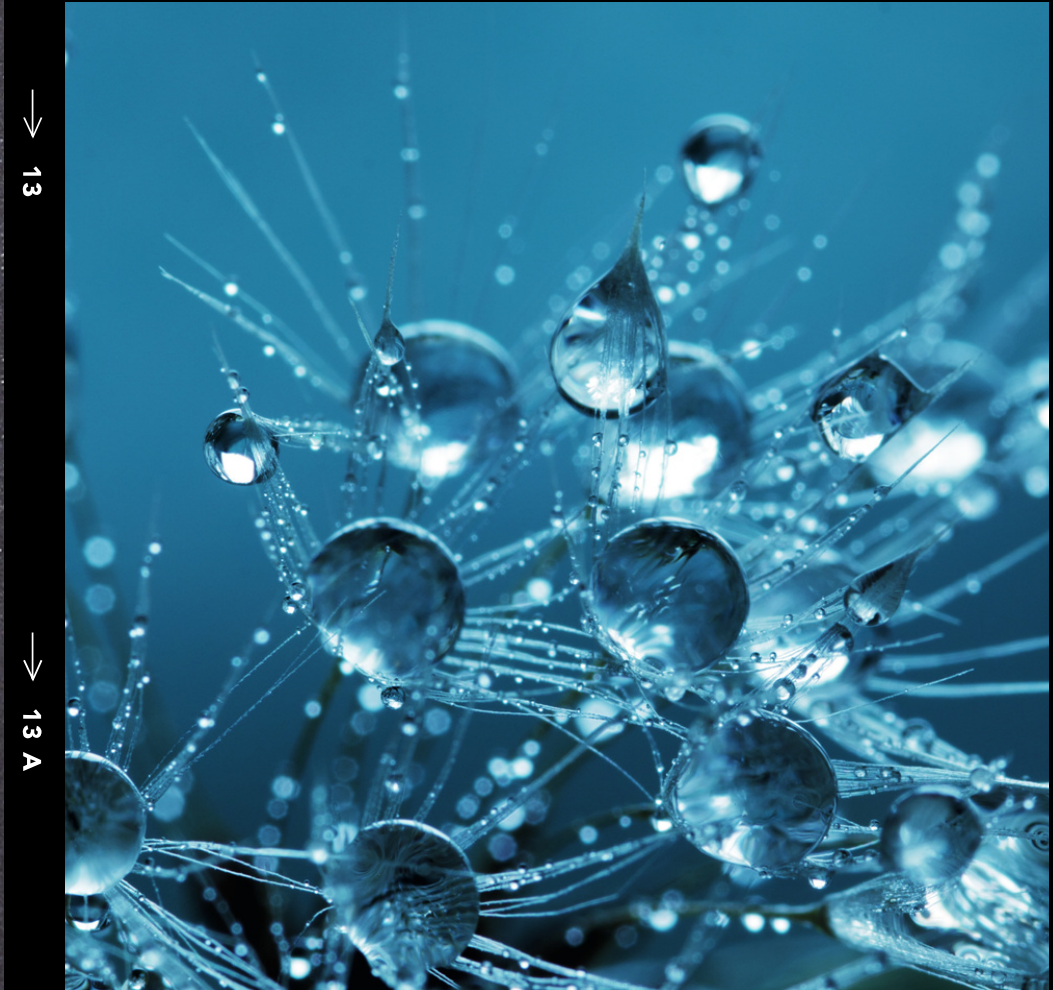
Questions? Contact Dr. Romero at raromer@ucla.edu.

APPLICATION DEADLINE

Eligible applicants for these capstones must be Neuroscience majors in their junior or senior year and have completed NEUROSC M101A (or be in the process of taking it during fall 2024). Students can apply for consideration for one or both of these capstone options, but will only be accepted to one.

Applications become available in early fall quarter.

→ 13



FILM NEGATIVE

→ 13 A

→ 14



FILM NEGATIVE

→ 14 A

FILM NEGATIVE

ADDITIONAL RESOURCES

- Undergraduate Neuroscience Weekly Emails & Website
- Student Organizations
 - NUS, Interaxon, Crux, and Nu Rho Psi
- Undergraduate Research Center - Sciences
- NSIDP and BRI Faculty Listings
- Neuroscience Annual Poster Day (May)



QUESTIONS?