

How to Declare the Neuroscience Major or Minor

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Fast Facts About the Neuroscience Program

- Average of 800 students are enrolled in the major and minor each year
- Interdepartmental program ~ flexibility in coursework options and faculty from across departments/schools
- Challenging, interdisciplinary curriculum
- Various options to engage in research
- Strong community with multiple leadership and outreach opportunities
- Good preparation for pre-health graduate programs
- We have an intro class! NEUROSC 20 (offered in summer and fall)

Preparation for the Major or Minor

NEUROSCIENCE MAJOR

Preparation for the Neuroscience Major (Courses in BOLD must be completed before beginning the Neuroscience M101/102 series or declaring the major.)	
Life Sciences	Life Sciences 7A, 7B, 7C, and 23L
Math Choose one Math series from the following options.	Life Sciences 30A, 30B, and Statistics 13 (or Life Sciences 40) or Math 3A, 3B, and 3C or Math 31A, 31B, and 32A
Physics Choose one Physics series from the following options.	Physics 5A, 5B, and 5C or Physics 1A, 1B, 1C, 4AL, and 4BL *Physics does not require Physics 5B as a pre-requisite for Physics 5C
Chemistry Choose one Chemistry series from the following options.	Chemistry 14A, 14B, 14BL, 14C, 14CL, and 14D or Chemistry 20A, 20B, 20L, 30A, 30AL, 30B, and 30BL
Statistics Choose one Statistics course from the following options.	Statistics 10 or Statistics 13 or Life Sciences 40 *LS 30A/B students must take Stats 13 or LS 40 **Biotats 100A or 110A or Psych 100A may be substituted

NEUROSCIENCE MINOR

Preparation for the Minor

- Life Sciences LS 7A, 7B, 7C, 23L
- Physics 5A, 5C OR 1A, 1B
- Chemistry 14A, 14B, 14C OR 20A, 20B, 30A

IMPORTANT NOTES FOR PREP:

- Each course must be passed with a C- or higher
- All courses must be taken for a letter grade (save for exceptions from Spring 2020 to Summer 2021)
- Students must complete the preparation with an overall 2.0 GPA
- Students who repeat more than two preparation classes or any preparation class more than once are subject to dismissal from the major or minor.

Upper Division Major Requirements

- 10 upper division courses (43 units)
- Must complete all coursework with an overall GPA of 2.0 or higher
- No more than eight courses may be from any one department (IDP rule)

NEUROSCIENCE REQUIRED CORE (5 Courses)	
Neuroscience M101A (Fall; Prerequisites: LS 7C, Chem 14C/30A, Physics 5C/1B)	
Neuroscience 102 (Fall; Prerequisites: LS 7C and concurrently with NEUROSC M101A. If offered in summer, may take prior to NEUROSC M101A.)	
Neuroscience M101B (Winter; Prerequisite: NEUROSC M101A with a C- or better)	
Neuroscience M101C (Spring; Prerequisite: NEUROSC M101A with a C- or better)	
Chemistry 153A (Prerequisite: Chem 14D/30B)	
NEUROSCIENCE ELECTIVE OPTIONS (3 COURSES)	
(Complete one elective from each category. Full list of electives on neurosci.ucla.edu .)	
Examples of Behavioral and Cognitive Neuroscience Electives	-Disability Studies M139, Music Industry M103 -Neuroscience M119L, CM123*, 142, M161, M170, C172, M176*, C177*, 178, 179, M187*, 191A -Physiological Science M106*, CM123*, C130*, C144*, 175*, M176*, M181* -Psychology 110, 112A, 112B-C*, 112E, 118, 119A*, 119B*, 119C-F, 119I*, 119J*, M119L, 119M*, M119O, 119P, 119R, 119S*, 119U, M119X*, 120A, 120B*, 124A-B, 124C*, 124D, 124K, 127B, 137A*, M139, 161, 164*, M166* -Psychiatry 174, 176, M182
Examples of Systems and Integrative Neuroscience Electives	-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*
Examples of Molecular, Cell, and Developmental Neuroscience Electives	-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*
<i>*Electives are cross-listed in another category, but can only be used once.</i> Please pay careful attention to the enrollment notes on the Registrar's Schedule of Classes. Many classes are often open to all students during Summer Sessions. To substitute a class: Students must be enrolled in the class before it will be substituted.	

Upper Division Minor Requirements

- 7 upper division courses (31 units)
- Must complete all coursework with an overall GPA of 2.0 or higher
- Can only overlap up to two courses with another major or minor

Core Requirements (3)

- **Neuroscience M101A** (Fall; Prerequisite: LS 7C, Chem 14C/30A, Physics 5C/1B)
- **Neuroscience M101B** (Winter; Prerequisite: NS M101A with a grade of C- or higher)
- **Neuroscience M101C** (Spring; Prerequisite: NS M101A with a grade of C- or higher)

Choose four (4) Electives

Please visit <https://www.neurosci.ucla.edu/> for a **FULL** list of approved electives.

- Disability Studies M139, Music Industry M103, Neurobiology M169, Physics C186
- Neuroscience 101L, 102, M119L, M119N, CM123, M135, M145, 150, M161, M170 C172, M176, C177, 178, 179, 180, 181, 182, 186, M187, 191A, 191B, 191C, 199AB
- Physiological Science M106, 121, CM123, C126, C127, C130, M135, 138, C144, M145, 146, 147, 173, 174, 175, M176, 177, M181
- Psychology 110, 112A, 112B, 112C, 116A or B, 118, 119A-F, 119I, 119J, M119L, 119M, M119N, M119O, 119Q-S, 119U, M119X, 120A, 120B, 124A-D, 124K, 127B, 137A, M139, 161, 162, M166
- Psychiatry 174, 176, M182

Capstone Options for the Major

- Two-quarter commitment related to research
- Must be completed after NEUROSC M101A
- Most students pursue in their senior year

RESEARCH CAPSTONE OPTIONS (2 COURSES)		
<p>Option 1: Lab Methods</p> <p>NEUROSC 101L: Pre-reqs: NEUROSC M101A and NEUROSC M101B (NEUROSC M101B may be taken concurrently with NEUROSC 101L.)</p> <p>Notes: NEUROSC 101L is offered only in Winter Quarter.</p> <p><i>PSYCH 116A or 116B is an acceptable substitution for NEUROSC 101L and is offered every quarter, including summer session.</i></p> <p>Additional Major Elective: Students who choose the Lab Methods Capstone option must take a total of 4 neuroscience upper division electives with at least one elective from each elective category. The 4th elective may be from any category.</p>	<p>Option 2: Independent Research</p> <p>NEUROSC 199A & 199B or NEUROSC 198A & 198B[^]: Pre-reqs: NEUROSC M101A and SRP-99 or departmental 199 research contract in a neuroscience related lab under the same faculty mentor who has an Academic Senate title.</p> <p>Notes: Must be consecutive quarters; not offered during Summer. Poster required at Neuroscience Poster Session; 3.0 GPA min.</p> <p>NEUROSC 199A and NEUROSC 199B-Project Brainstorm Option: Students who are interested in applying for Project Brainstorm should apply in fall quarter when applications are made available. Must be approved by faculty mentor via application process. Must be taken in 2 consecutive Winter and Spring Quarters. Space is extremely limited. For more information, contact babiec@ucla.edu.</p>	<p>Option 3: DOPA-Team</p> <p>NEUROSC C177 and NEUROSC 192CX: Pre-reqs: NEUROSC M101A and approval by instructors via application process.</p> <p>Notes: Students who are interested in applying for the DOPA-Team Capstone must apply in fall quarter when applications are made available.</p> <p>If accepted, students enroll in NEUROSC C177 in Winter Quarter and NEUROSC 192CX in Spring Quarter. Must be taken in 2 consecutive Winter and Spring quarters. Poster required at Neuroscience Poster Session.</p> <p>Space is extremely limited. For more information, contact instructors, Rafael Romero, raromer@ucla.edu, and Chris Evans, cevans@ucla.edu.</p>

[^]Only for students pursuing Departmental Honors. Additional honors requirements: two departmental honors contracts and NEUROSC 191H. Please visit <https://www.neurosci.ucla.edu/program/departmental-honors/> for specific details.


Departmental Honors for the Major

Eligibility Requirements

- 3.0 GPA in major prep coursework
- 3.2 overall GPA at UCLA

Graduation Requirements

- For departmental honors
 - 3.2 overall GPA
 - 3.4 GPA in major (excluding prep)
 - Ratings of “honors” on thesis by 2 readers
- For departmental highest honors
 - 3.5 overall GPA
 - 3.7 GPA in the major (excluding prep)
 - Ratings of “highest honors” on thesis by 2 readers



COURSE REQUIREMENTS

A student needs to take 2 courses with honors content. At least one course needs to be a core class (NSm101 ABC or NS 102). The second can be a core class or upper division major elective.


3 ways to enroll in a Honors class:


- Enroll in a honors class (ex Psych 119H)
- Enroll in a honors discussion
- Create a honors contract

SUBMITTING A HONORS CONTRACT

A Departmental Honors Contract must be completed and submitted to the Undergraduate Office by Friday of the 3rd week of classes at 4pm.

Form is located on the website:
<http://www.neurosci.ucla.edu/departamental-honors.html>





NEUROSC 198AB

Students must enroll in a contract research course NS 198A & NS 198B for two consecutive quarters. Pre-requisite: NSm101A & a SRP 99 in the same lab.


A thesis is due at the end of NS 198B and students must present at the NS Poster Day.

The thesis is rated by the student's faculty sponsor and another tenured faculty member.

NEUROSC 191H

Students are required to enroll in NS 191H in the winter quarter they are completing NS 198A or NS 198B.

This is a seminar class meant to bring the cohort of honors students together.



How to Declare the Neuroscience Major or Minor

- Complete all of the required prep for the major (prerequisites for NEUROSC M101A) or minor with a 2.0 GPA or higher
- Meet with a Neuroscience advisor to review your preparation, the upper division requirements, and to discuss a course plan for completing the major or minor requirements
- Students who have earned less than 150 units can change their major or declare the minor at that time
- Students who have earned more than 150 units must petition for permission to change their major or declare the minor to their college counseling unit (and make sure they will not exceed 216 units or their degree expected term)
 - Students who will exceed their unit maximum or degree expected term must complete a Program Change Petition and a Degree Plan Contract

How to Declare a Double Major

- Must have completed all prerequisites and at least two upper division courses for each major
- Must be able to complete all requirements for both majors within the degree expected term on DARS and within 216 units (or Blue Petition must be submitted to college counseling unit to request extension for graduation date and/or unit maximum increase)
- Complete the following paperwork with both departments and submit to your College Counseling Unit (CAC, AAP, Honors or Athletics):
 - Departmental Approval for the Double Major/Minor Form
 - Degree Plan Contract

College Counseling Unit Petitions

<https://caac.ucla.edu/petitions-forms/petition-submission-overview/>

Academic Achievement Program
Academic
College Academic Counseling
Academic

Department Approval for Double Major/Minor

UCLA College of Letters and Science

College undergraduates will complete this form when requesting to add a double major. Students are to only complete the top portion of this form (Student Information) - the remainder of the form must be completed by the department advisors for the major/minors you wish to declare.

Once you have obtained the necessary signatures from all departmental advisors, please attach this form, along with a [Degree Plan Contract](#) to your College Counseling Unit via the appropriate MyUCLA form.

Student Information: to be completed by the student

Student Name: _____ UID: _____

Advised Term: _____ Degree Expected Term: _____

Student Signature: _____ Date: _____

Department Major and Minor Information: to be completed and signed by departmental advisor/minor advisors

Effective Term: _____

Major	Major Code (with 4 digit suffix)	Primary or Secondary	Catalog Year	Departmental Approval Signature

Minor	Minor Code	Catalog Year	Departmental Approval Signature

Specialization	Major	Major Code	Catalog Year	Departmental Approval Signature

Degree Plan Contract

UCLA College of Letters & Science

College Academic Counseling ACSS Meeting Hall
Western Programs ACSS Meeting Hall
Academic Achievement Program 1201 Campbell Hall
Mailbox 127 Morgan Center

INSTRUCTIONS:

- Students with the current term list all courses that you plan to complete for your current and future semesters and graduation. Please note the grey box area is for departmental use only.
- Return this degree plan with appropriate departmental signatures and required documentation to your College Counseling Unit. Please consider making a copy for your own records.
- Signatures of the department chair, departmental advisors to major/minor specializations and if they intended to indicate courses that would satisfy requirements if admitted.

Please note that petitions take a minimum of 5-10 working days to process and may take longer if incomplete or incorrect.

IMPORTANT NOTE TO STUDENTS: Substantive changes to your degree plan may be considered a violation of your contract.

Student Information:

Name: _____

Student ID No: _____

Major(s): _____

Minor(s): _____

Advised Term: _____

Degree Term: _____

Type of Contract: ☐ RCP Agreed ☐ RCP Disagreed or Not Plan

☐ Unit Map Petition ☐ Double Major Petition ☐ Change of College Request

UNIT CALCULATIONS

Use the following information on how to calculate units:

- Units completed and in progress as of the current term.
- Units required for additional courses.
- Units you anticipate receiving credit for (e.g. incompletes).
- Total units requested ($A + B + C$).
- Current unit max.
- Total units exceeding unit max ($D - E$).
- I will not exceed my unit max (initial here): _____

By signing, you agree that you will follow the general plan and graduate in the term indicated. Substantive changes to your degree plan may be considered a violation of your contract.

Student Signature: _____ Date: _____

Department Chair/Advisor: Sign below and initial the grey box next to courses that will count toward the student's program.

Departmental Co-Advisor - Primary Major: _____ Date: _____

Departmental Co-Advisor - Second Major/Minor Specialization: _____ Date: _____

Departmental Co-Advisor - Third Major/Minor Specialization: _____ Date: _____

UCLA STUDENT PETITION

INSTRUCTIONS: Complete the following information (please print). When completing the REQUEST section, state your request and give your reasons briefly. NOTE: Methods of response to a petition vary by your College-School Division.

Name: _____ UID #: _____

Mailing Address: _____ Email: _____

Telephone #: _____

College/School Division: _____ Major: _____

Degree Objectives: _____ Class Level: _____ Units Completed: _____ Degree Expected Term: _____

Request: _____

Reasons: _____

Signature: _____ Date: _____

Petitioner: Do Not Write Below This Line

This is a Petition to _____

Department Recommendation: _____ College/School Action: _____

Signature: _____ By: _____

Date: _____ Deputy: _____ Date: _____

FOR OFFICIAL USE: Date sent to Registrar: _____ Date Record Updated: _____ Processed By: _____

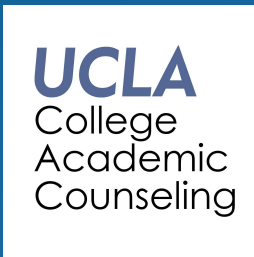
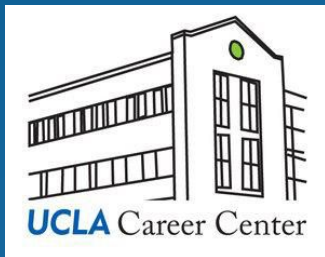
Please Note:

- Review of petitions by college counseling offices (CAC, AAP, Honors, or Athletics) can take up to 10-15 business days
- Extensions to degree expected terms are handled on a case-by-case basis but are typically only allowed for one additional summer session or one additional academic quarter
- Students can overlap up to 20 units (typically 4-5 courses) between two majors, but students must have 20 unique units for a minor
- Non-Life Science transfer students cannot declare the Neuroscience major, but can declare the minor
- Students who are enrolled in a school outside of the College of Letters and Science (Engineering, TFT, Arts, Luskin, etc.) must consult with their school first to determine major/minor change rules

Resources for Neuroscience Majors and Minors

UCLA Undergraduate Interdepartmental Program for Neuroscience

<https://www.neurosci.ucla.edu/> | Advisors: Jaclyn Robbin and Aftin Whitten (neurosci@ucla.edu)



Thank You