How to Declare the Neuroscience Major or Minor

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Undergraduate Advisors
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**

<table>
<thead>
<tr>
<th>Preparation for the Neuroscience Major</th>
<th>Life Sciences 7A, 7B, 7C, and 23L</th>
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<tbody>
<tr>
<td>Life Sciences</td>
<td>Life Sciences 7A, 7B, 7C, and 23L</td>
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<tr>
<td>Math</td>
<td>Life Sciences 30A, 30B, and Statistics 13 (or Life Sciences 40)</td>
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<tr>
<td>Choose one Math series from the following options.</td>
<td>or Math 3A, 3B, and 3C</td>
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<td></td>
<td>or Math 31A, 31B, and 32A</td>
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<tr>
<td>Physics</td>
<td>Physics 5A, 5B, and 5C</td>
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<tr>
<td>Choose one Physics series from the following options.</td>
<td>or Physics 1A, 1B, 1C, 4A1, and 4BL</td>
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<td>*Physics does not require Physics 5B as a pre-requisite for Physics 5C</td>
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<tr>
<td>Chemistry</td>
<td>Chemistry 14A, 14B, 14BL, 14C, 14CL, and 14D</td>
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<tr>
<td>Choose one Chemistry series from the following options.</td>
<td>or Chemistry 20A, 20B, 20L, 30A, 30AL, 30B, and 30BL</td>
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<tr>
<td>Statistics</td>
<td>Statistics 10</td>
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<tr>
<td>Choose one Statistics course from the following options.</td>
<td>or Statistics 13</td>
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<tr>
<td></td>
<td>or Life Sciences 40</td>
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<td></td>
<td>*LS 30A/B students must take Stats 13 or LS 40</td>
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<td></td>
<td>**Bioscience 100A or 110A or Psych 100A may be substituted</td>
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**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)
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/](https://www.neurosci.ucla.edu/) for a FULL list of approved electives.

- Disability Studies M139, Music Industry M103, Neurobiology M169, Physics C186
- Physiological Science M106, 121, CM123, C126, C127, C130, M135, 138, C144, M145, 146, 147,173, 174, 175, M176, 177, M181
- Psychiatry 174, 175, 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)

<table>
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<tr>
<th>Option 1: Lab Methods</th>
<th>Option 2: Independent Research</th>
<th>Option 3: DOPA-Team</th>
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<tbody>
<tr>
<td><strong>NEUROSC 101L</strong></td>
<td><strong>NEUROSC 199A &amp; 199B or NEUROSC 198A &amp; 198B</strong></td>
<td><strong>NEUROSC C177 and NEUROSC 192CX</strong></td>
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<tr>
<td>Pre-reqs: NEUROSC M101A and NEUROSC M101B (NEUROSC M101B may be taken concurrently with NEUROSC 101L.)</td>
<td>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.</td>
<td>Pre-reqs: NEUROSC M101A and approval by instructors via application process.</td>
</tr>
<tr>
<td>Notes: NEUROSC 101L is offered only in Winter Quarter.</td>
<td>Notes: Must be consecutive quarters; not offered during Summer. Poster required at Neuroscience Poster Session; 3.0 GPA min.</td>
<td>Notes: Students who are interested in applying for the DOPA-Team Capstone must apply in fall quarter when applications are made available. 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.</td>
</tr>
<tr>
<td><strong>Additional Major Elective</strong>: 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.</td>
<td><strong>NEUROSC 199A and NEUROSC 199B-Project Brainstorm Option</strong>: 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 Rafael Romero, <a href="mailto:rromero@ucla.edu">rromero@ucla.edu</a>, and Chris Evans, <a href="mailto:cevans@ucla.edu">cevans@ucla.edu</a>.</td>
<td><strong>Space is extremely limited. For more information, contact instructors Rafael Romero, <a href="mailto:rromero@ucla.edu">rromero@ucla.edu</a>, and Chris Evans, <a href="mailto:cevans@ucla.edu">cevans@ucla.edu</a>.</strong></td>
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*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/](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
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/
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)

UCLA Career Center
UCLA College Academic Counseling
UCLA AAP
UCLA College Honors Programs
UCLA Pre-Health Services
UCLA Undergraduate Research Center Sciences

STUDENT RESOURCES

UCLA Center for Accessible Education
Thank You