

Pre-registration information for Neuroscience Majors

Fall 2024

New & Noteworthy

Neur/Biol 099 Introduction to Python – A full credit introductory course in coding, appropriate for all science majors. *Offered infrequently. Can count as a common core elective. Useful if planning to also take Neur 133L and specialize in Computational Neuroscience.*

SCI 131 CM Neurobiology of Eating and Eating Disorders – can be counted as an upper-level Neurobiology class.

Neur 148L KS Neuro 1 – please note that we will be offering 2 sections of this course in Fall 2024 and 1 section in Spring 2025.

ALL JUNIORS PLANNING FOR SENIOR THESIS SHOULD COMPLETE THIS [FORM](#).

Other Upper-level Electives offered in Fall 2024

Neur 133L KS Computational Neuroscience – We will be offering 1 section of this course in Fall 2024

Neur 140 Neuroscience seminar – 0.5 credit seminar

Neur 149 KS Neuro 2 – We will be offering 1 section of this course in Fall 2024

Neur 181 KS Neural Disorders – We will be offering 1 section of this course in Fall 2024

Biol 112 KS Advanced Data Analysis – This half-credit course is recommended for seniors who have taken Biol 175 (or equivalent) and plan to include a statistical analysis in their senior thesis. *Offered only in the fall.*

Biol 143 Genetics – please note that Biol will be offering 3 sections of this course in Fall 2024 and only 1 section in Spring 2025.

Neuroscience Courses offered through Pitzer, CMC and Scripps

Phil 30: Knowledge, Mind & Existence

Psyc 097 CM Sensation and Perception

Psyc/Econ 107 CM Neuroeconomics

Psych 101 PZ Brain and Behavior

Psyc 111 PZ Physiological Psychology

Psyc 111P PZ Practicum in Physiological Psychology

Psyc 131 SC Clinical Neuropsychology

General advice for Neuro-related majors and pre-health students

General recommendations for first-year and new students:

Students interested in any science major or a health science career should read the new student science information handout on the Keck Department Website (<https://www.kecksci.claremont.edu/wp-content/uploads/2023/06/IntroScienceKeck-2023-2024.docx>) for a full description of all intro chem and intro bio course options. Details about the Neuroscience major can be found here: (<https://www.pitzer.edu/academics/field-groups/neuroscience/>). Note, it is on the Pitzer website but is the Keck Neuroscience major.

Pre-health advising

Students interested in pursuing graduate programs in medicine, dentistry, veterinary, nursing and other health fields should contact review the pre-health advisor Susie Fang, sfang@kecksci.claremont.edu. Lists of recommended courses for [medical school](#) and [other health professions](#) are available on the department website.

Transfer Credit in Neuroscience

If you are planning to take summer or study abroad courses in neurobiology at another institution, Prof. Tom Borowski (thomas_borowski@pitzer.edu) handles all transfer credit approval. We recommend emailing him a course syllabus before registering for the course to make sure it will count for transfer credit. For transfer credit in other science disciplines, contact one of the faculty listed below.

Senior Thesis

Students should begin planning for their senior thesis during the spring semester of their junior year and complete this [form](#). General thesis information for science majors is posted on the

main student resources page of the KSD website (<https://www.kecksci.claremont.edu/student-resources/>). There is also a video they can watch <https://www.youtube.com/watch?v=ouktZLkL4QM>.

Questions?

Below are the current faculty contacts for Neuroscience majors. If you do not have a science advisor or thesis reader, you should email these faculty with your questions. (If you do have a science advisor, ask that advisor first).

- Professor Gautam Agarwal (gagarwal@kecksci.claremont.edu)
- Professor Tom Borowski (thomas_borowski@pitzer.edu)
- Professor Darin Brown (darin_brown@pitzer.edu)
- Professor Brian Duisttermars (bduisttermars@kecksci.claremont.edu)
- Professor Allison Harris (alison.harris@claremontmckenna.edu)
- Professor Timothy Justus (timothy_justus@pitzer.edu)
- Professor Brian Keeley (brian_keeley@pitzer.edu)
- Professor Jenna Monroy (jmonroy@kecksci.claremont.edu)
- Professor Cathy Reed (cathy.reed@claremontmckenna.edu)
- Professor Tessa Solomon-Lane (tsolomonlane@kecksci.claremont.edu)
- Professor Michael Spezio (mspezio@scrippscollege.edu)
- Professor Sandra Watson (swatson@kecksci.claremont.edu)
- Professor Stacey Wood (swood@scrippscollege.edu)
- Professor Xiao Zhang (xiaozhang@kecksci.claremont.edu)

- Professor Melissa Coleman (mcoleman@kecksci.claremont.edu) ON LEAVE