

MAJOR AND UPPER-DIVISION REQUIREMENTS

Students should determine their specific program plans with their advisors.

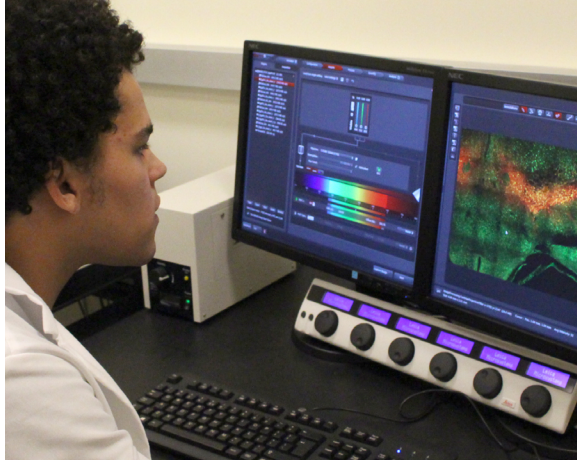
Life Sciences core requirements (~ 72 units)

- BIOL 005A, 05LA, 005B, 005C
- CHEM 001A/1LA, 001B/1LB, 001C/1LC
- CHEM 8A/8LA, 8B/8LB, 8C/8LC
- MATH 007A, MATH 007B
- PHYS 002A/2LA, 002B/2LB, 002C/2LC
- STAT 040, STAT 100A or PYSC 011
- BCH 100 or 110A

Upper-division requirements (~36-44 units)

- **Tier 1 (14 units)**
CBNS 106
CBNS 120 and 120L or 130L
CBNS 124
- **Tier 2 (20 units for a B.S., 12 units for a B.A.)**
BIOL 178
CBNS 101, 116, 121 (PSYC 121), 125 (PSYC 125), 126 (PSYC 126), 127 (PSYC 127), 129, PSYC 112, 117, 129
- **Tier 3 (10 units for a B.S., 10 units for a B.A.)**
BCH 102, 110B, 110C, 120
BIOL 100/ENTM 100, 102, 105, 107A, 108, 109, 110, 151, 160, 161A, 161B, BIOL 162/ENTM 162, 171, 171L, 175
CBNS 108, 165, 169
CS 170
PHYS 139L
PSYC 115, 130, 132, 134, 135
ANTH 146 (PSYC 146)
Up to 9 units maximum from:
CBNS 190, 194, 197, 199

The B.A. requires completion of 4th quarter-level Foreign Language proficiency.



ADVISING

Current course requirements are available online in the UCR General Catalog at catalog.ucr.edu. For help in selecting courses, and for information about policies and procedures, contact a Professional Academic Advisor:

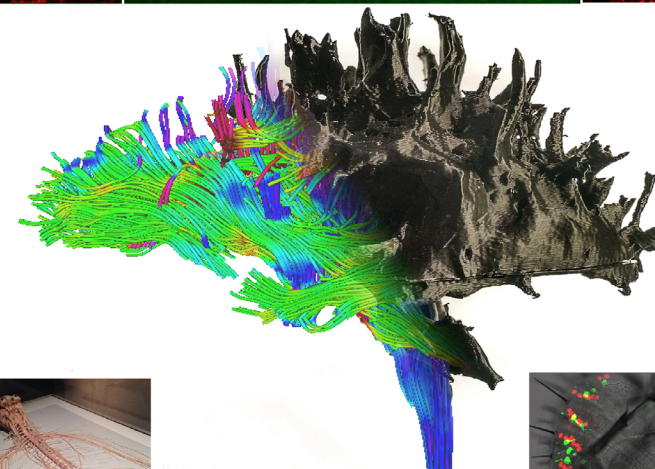
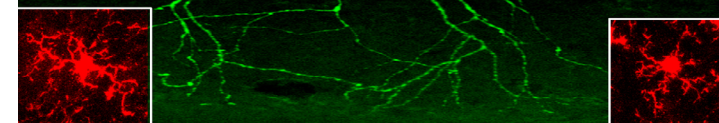
CNAS Undergraduate Academic Advising Center
1223 Pierce Hall
Phone: (951) 827-7294
Website: cnasstudent.ucr.edu

For advice about careers, graduate programs, and letters of recommendation, contact:

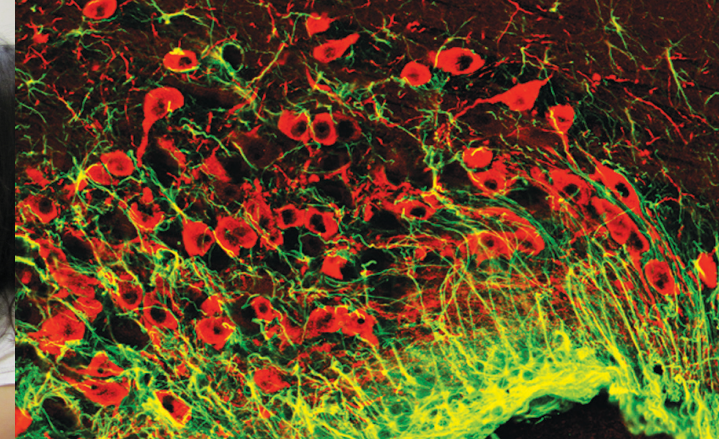
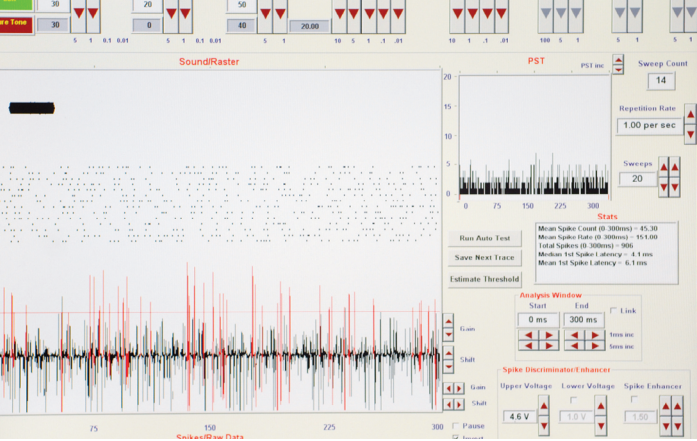
Undergraduate Faculty Advisor Peter Hickmott
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Email: peter.hickmott@ucr.edu
Phone: (951) 827-7308
Website: neuromajor.ucr.edu

Undergraduate studies in

Neuroscience



Growing great science
Making new discoveries
Building great minds



Neuroscience at the University of California, Riverside

THE INTERDEPARTMENTAL PROGRAM

Neuroscience at UCR is an interdepartmental, cross-college program with more than 40 faculty from the departments of Molecular, Cellular and Systems Biology (MCSB; formerly Cell Biology and Neuroscience); Psychology; Biomedical Sciences; Evolution, Ecology and Organismal Biology (EEOB; formerly Biology); Entomology; Bioengineering and Chemistry. The departments of MCSB and Psychology support the major through the College of Natural and Agricultural Sciences and the College of Humanities, Arts, and Social Sciences.

The interdepartmental structure of the major provides our students with excellent and diverse opportunities for training in classes and in research. Research interests of faculty in the major include molecular, cellular, systems and behavioral approaches. There are also numerous multi-faculty research groups, including interests in glial-neuronal interactions (through the Center for Glia-Neuronal Interactions), neurodevelopmental disorders, cortical processes and plasticity, neuroinflammation, and gut-brain

interactions.

The program strives for excellence in research, teaching, and public service, and members of our faculty have been recognized in each of these areas, including as Fellows of the American Association for the Advancement of Science. Several have received awards for teaching, including the Academic Senate's Distinguished Teaching Award, the Innovative Teaching Award, and the Distinguished Campus Service Award, and awards for excellence in undergraduate mentoring.

RESEARCH AND OUTREACH OPPORTUNITIES

In addition to our work with graduate students, Neuroscience faculty members are actively involved in mentoring undergraduates in research. More than 200 undergraduate students have worked in their laboratories in recent years and more than 50 of these students have been co-authors on scholarly publications generated from this research. Our students are also engaged in outreach activities. For example, for the past several years, Neuroscience students have

participated in an annual Brain Awareness Day that increases appreciation, both at UCR and in the community, for the human nervous system and the field of neuroscience.

CAREER PATHS

- Medical, dental, and other health professions. For more information, visit hpac.ucr.edu.
- Biotechnology
- Pharmaceutical research
- Environmental health
- Neuroscience and psychology
- Government
- Chemical industry
- Pharmacy
- High school teaching

Students with a talent for science, math, or engineering can translate that ability into a teaching career in California through the California Teach-Science/Mathematics Initiative (CaTEACH-SMI). For more information, visit smi.ucr.edu.