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 12A, 12B, 12C
- MATH 009A, MATH 009B
- PHYS 002A/2LA, 002B/2LB, 002C/2LC
- STAT 040, STAT 100A or PSYC 011
- BCH 100 or 110A

Upper-division requirements (~36-52 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.)
  CBNS 101, 116, 121 (PSYC 121), 125 (PSYC 125), 126 (PSYC 126), 127 (PSYC 127), 129, 135, PSYC 112, 117, 129
- Tier 3 (18 units for a B.S., 10 units for a B.A.)
  BCH 102, 110B, 110C, 120
  CBNS 108, 150, 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
Department of Psychology
2111H Psychology Building
Email: peter.hickmott@ucr.edu
Phone: (951) 827-7308
Website: neuromajor.ucr.edu
Neuroscience at the University of California, Riverside

THE INTERDEPARTMENTAL PROGRAM

Neuroscience at UCR is an interdepartmental program with faculty from the Departments of Cell Biology and Neuroscience, Psychology, Biomedical Sciences, Biology, Entomology, and Chemistry.

CELL BIOLOGY AND NEUROSCIENCE

The Department of Cell Biology and Neuroscience takes multidisciplinary approaches to understanding basic cellular processes in tissues, as well as more integrative levels of analysis, such as behavior. Some of the areas of study include mechanisms of toxicity, membrane transport, stem cell biology, wound healing, and neurophysiology. The department supports the major in Neuroscience through the College of Natural and Agricultural Sciences and the College of Humanities, Arts, and Social Sciences.

ABOUT THE DEPARTMENT

The department strives for excellence in research, teaching, and public service, and members of our faculty have been recognized in each of these areas. Drs. Michael Adams, Sarjeet Gill, and Manuela Martins-Green have been named Fellows of the American Association for the Advancement of Science. Dr. Maggie Curras-Collazo received the Academic Senate’s Distinguished Teaching Award, the Innovative Teaching Award, and the Distinguished Campus Service Award; Dr. David Eastmond was selected as a Jefferson Science Fellow. Drs. Prue Talbot, Maggie Curras-Collazo, and Glenn Stanley have received awards recognizing their excellence in mentoring undergraduate students.

RESEARCH AND OUTREACH OPPORTUNITIES

In addition to our work with graduate students, Cell Biology and Neuroscience and Psychology 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.