PROVIDENCE COLLEGE
Neuroscience Program

SA+S
School of Arts and Sciences

Neuroscience is a multidisciplinary study of the structure and function of the nervous system. As a neuroscience major at PC, students use multiple approaches and perspectives to think critically, creatively, and flexibly about the nature of intelligent life and definitions of the mind and brain. Neuroscience majors enter careers in medicine, industry jobs (e.g. biomedical, pharmaceutical companies), physical therapy, occupational therapy, substance abuse and mental health counseling, and clinical psychology and neuropsychology. Others will go on to earn their master's or Ph.D.s, where they can contribute to science that answer questions about the biological bases and treatments for neurological and psychiatric illnesses, such as traumatic brain injury, drug addiction, and dementia.

B.S. Neuroscience

The Neuroscience curriculum begins with foundational courses in biology and psychology. Additional core courses are designed to facilitate student development of neuroscience concepts during or after the foundational courses are completed.

Students can focus their studies in specific areas (approaches), which include cell/molecular and behavioral, and gain an even more focused understanding of topical neuroscience areas (perspectives) by taking courses in areas that include biochemical and physical, computational, and philosophical and historical. Faculty advisors will guide students in course selection to ensure breadth and depth appropriate for student interests and future career goals.

Explore Courses of Study and More

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PLACES AND PEOPLE

Our beautifully renovated Science Complex unites our science buildings — Albertus Magnus, Sowa, and Hickey halls, and includes nearly 65,000 square feet of laboratory and instructional space, state-of-the-art teaching facilities such as a vivarium, microscopy suite, rooftop observatory, computer modeling and computational lab, and cutting-edge audio-visual technology.

Unique in New England, the Providence College Affective Neuroscience lab is dedicated to training undergraduate researchers in affective behavioral neuroscience, as well as carrying out high-quality scientific research on the basic principles and mechanisms of disorders of fear, stress, and anxiety.

Laboratory alumni have gone on to some of the finest doctoral and medical school programs in the country, including Cornell University, UCLA, UCONN School of Medicine, and Brown University, and work at some of the most well-respected labs in the country at MIT, Harvard, and Women's & Brigham Hospital, to name a few.

Selected Places of Employment

Boston Children's Hospital • Lifespan
Boston University's Alzheimer's Disease Center
Brigham and Women's Hospital
Brown University • Dana-Farber Cancer Institute
Dermatology Associates of Concord
Marine Biological Laboratory
Massachusetts General Hospital
McLean Hospital/Harvard Medical School
Memory & Aging Program/Butler Hospital
Providence VA Medical Center
RI Hospital Emergency Department
The Broad Institute of MIT and Harvard

Selected Graduate Schools

Albany Medical College • Boston University
University of North Carolina, Chapel Hill
Mt. Sinai Hospital and Medical School
Massachusetts College of Pharmacy and Health Sciences
New York University • Northeastern University
Rutgers Robert Wood Johnson Medical School
Tufts University • Stony Brook University
Wake Forest University
Weill Cornell School of Medicine

97%

of **neuroscience graduates** are employed or attending graduate school
(Providence College classes of 2018 – 2022)

neuroscience.providence.edu