



SCAN ME
to Save Handout

OVERVIEW

Neuroscience is a broad, multidisciplinary field concerned with the nervous system, its components, and functional activities. How do nerve cells function and develop, and how do they communicate? How do brains work, and how have they evolved? What is the nature of consciousness, and the neural basis for behaviors and for human brain dysfunction? These are among the many questions being answered by contemporary neuroscience.



Neuroscience at Trinity involves faculty from the Departments of Biology, Chemistry, Engineering, Philosophy, and Psychology. A major in neuroscience can lead to a career in scientific research, the health professions, education, business, law, or government. The Trinity major also prepares students for further study in graduate school and medical school.

COURSE REQUIREMENTS

All students are required to take Intro Chemistry and Biology, PSY 261 Brain & Behavior, NESC 201 Principles of Neuroscience, 1 math course, 5 electives in neuroscience and our senior capstone course. A total of 8 lab experiences are required.

STRUCTURE OF MAJOR

The major is designed to give students a fundamental grounding in the sciences, and the flexibility to direct their studies towards cellular/molecular, systems/behavioral or cognitive/clinical aspects of neuroscience.

RESEARCH

Students are encouraged to take advantage of research opportunities in our state-of-the-art laboratories on campus or at nearby facilities at Ayers Neuroscience Institute at Hartford Hospital, the Olin Neuropsychiatric Research Center, and the University of Connecticut Health Center.

DIVERSITY EQUITY & INCLUSION

The Neuroscience Program is committed to fostering a welcoming and inclusive environment for all students, faculty, and staff. **SCAN BELOW** to learn more about our Program's Diversity & Inclusion Initiative !



For More Information:

Contact Sarah Raskin, Director at sarah.raskin@trincoll.edu
www.trincoll.edu/academic/MajorsAndMinors/Neuroscience



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Major Requirements

SUGGESTED FOUR-YEAR COURSE ENROLLMENT

	FALL	SPRING
FIRST YEAR	<ul style="list-style-type: none"> • First Year Seminar • BIOL 182L Evolution of Life • CHEM 111L Introductory Chemistry 1 	<ul style="list-style-type: none"> • PSYC 261L Brain and Behavior (lab recommended but not required) • BIOL 183L Cellular Basis of Life • CHEM 112L Introductory Chemistry II
SECOND YEAR	<ul style="list-style-type: none"> • (PSYC 261L Brain & Behavior can also be taken here) • Math requirement can be taken here 	<ul style="list-style-type: none"> • NESC 201L Principles of Neuroscience (lab recommended but not required)
THIRD YEAR	<ul style="list-style-type: none"> • NESC 301L Introduction to Neuroscience Methodology • NESC Elective* 	<ul style="list-style-type: none"> • NESC Elective* • NESC Elective*
FOURTH YEAR	<ul style="list-style-type: none"> • NESC Elective* • NESC Elective* • NESC 388 can be taken here 	<ul style="list-style-type: none"> • NESC 388 Current Issues

COURSE DESCRIPTIONS

SCAN BELOW to view the complete list of course descriptions.



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SIGN-IN TO GET MORE INFORMATION ABOUT THE NEUROSCIENCE MAJOR



**Google Doc
Neuroscience Interest Form**