

Minor in Neuroscience

About This Program

The Neuroscience Minor offers an in-depth study of the biological and psychological mechanisms that shape behavior, blending topics such as neural anatomy and physiology, sensory and motor systems, cognitive processes, learning and memory, and the effects of drugs on the nervous system. This minor equips students with a comprehensive understanding of the brain and behavior, making it an ideal choice for those interested in the intricate workings of the nervous system and its role in human behavior.

The Neuroscience Minor comprises 18 credit hours or more in Psychology (PSYC) courses. A 2.0 grade point average (*calculated only by the PSYC courses you take in residency*) must be maintained in the minor. To request that a minor be added to your degree plan, please complete the [minor request form](https://cdn.web.uta.edu/-/media/project/website/science/psychology/documents/degree-programs/undergraduate/minors/neuroscience-psychology-minor02172022.ashx?revision=cb143bc0-7d14-4f3d-b146-8d3fe46b2730) (<https://cdn.web.uta.edu/-/media/project/website/science/psychology/documents/degree-programs/undergraduate/minors/neuroscience-psychology-minor02172022.ashx?revision=cb143bc0-7d14-4f3d-b146-8d3fe46b2730>) and seek approval from your academic advisor.

Competencies

1. Upon completion, students will demonstrate understanding of the biological and psychological mechanisms that shape behavior, including neural anatomy and physiology, sensory and motor systems, cognitive processes, learning and memory, and the effects of drugs on the nervous system.

Curriculum

Foundations

PSYC 1315	INTRODUCTION TO PSYCHOLOGY	3
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Specialization

Select 15 hours from the following, all of which have a prerequisite of PSYC 1315 with a C or better: 15

PSYC 3304	ANALYSIS & MANAGEMENT OF BEHAVIOR
PSYC 3320	BEHAVIOR AND MOTIVATION
PSYC 3322	BRAIN AND BEHAVIOR
PSYC 3334	COGNITIVE PROCESSES
PSYC 3356	EVOLUTIONARY PSYCHOLOGY
PSYC 4301	PRINCIPLES OF NEUROSCIENCE ¹
PSYC 4309	NEUROPHARMACOLOGY ¹
PSYC 4411	ADVANCED TOPICS IN PERSONALITY
PSYC 4327	BEHAVIORAL GENETICS
PSYC 4420	EXPERIMENTAL ANALYSIS OF BEHAVIOR
PSYC 4421	ADVANCED TOPICS IN NEUROSCIENCE
PSYC 4431	ADVANCED TOPICS IN COGNITIVE SCIENCE

Additional 3000/4000 level courses approved by advisor.

Total Hours 18

¹ Additional prerequisite of PSYC 3322 required.

Advising Resources

Psychology Advisors are available to meet with:

1. Non-freshman students who have met the College of Science transition criteria to be advised in the College of Science
2. Transfer students
3. Students who wish to minor in Psychology

EMAIL:

psychologydepartment@uta.edu

PHONE:

817-272-2281

WEB:

Psychology Advising (<https://www.uta.edu/academics/schools-colleges/science/departments/psychology/advising/>)