

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

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| PSYC 1315 | INTRODUCTION TO PSYCHOLOGY | 3 |
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Specialization

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

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| Total Hours | | 18 |
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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/>)