

Neuroscience, Minor

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The neuroscience minor is designed to enable students in a variety of majors to explore the important and rapidly expanding field of neuroscience. The minor enhances students' preparation for a variety of careers and/or graduate study in health-related professions and enriches undergraduate students involvement in neuroscience research.

Neuroscience Minor

Requires 18 credit hours. All courses in the minor must be completed with grades of C- or higher and an overall grade point average of 2.000.

| Code | Title | Hours |
|--|---|-------|
| Required Courses - Choose two from the following: | | 6 |
| BIOL 4501 | Cellular Neurobiology | |
| BISC 3850 | Systems Neuroscience | |
| BISC 4020 | Molecular Neuroscience | |
| BISC 4140 | Functional Neuroanatomy | |
| Elective Courses - Choose four courses from the following: | | 12 |
| BISC 3850 | Systems Neuroscience | |
| BISC 4010 | Neuroeconomics: The Neuroscience of Decision Making | |
| BISC 4020 | Molecular Neuroscience | |
| BISC 4140 | Functional Neuroanatomy | |
| BISC 4155 | Diseases of the Brain | |
| BISC 4170 | Biology, Moral Behavior and Policy | |
| BISC 4210 | Biology of Aging | |
| BISC 4325 | Endocrinology | |
| BISC 4995 | Independent Study in Biomedical Sciences (with approval of topic) | |
| BISC 7180 | Clinical Neuroanatomy | |
| SPPA 4160 | Neurological Bases of Human Communication Processes and Related Functions | |
| BIEN 4500 | Medical Imaging Physics | |
| BIEN 4510 | Image Processing for the Biomedical Sciences | |
| BIEN 4600 | Neural Engineering | |
| BIEN 4620 | Rehabilitation Science and Engineering | |
| BIEN 4995 | Independent Study in Biomedical Engineering (with approval of topic) | |
| BIOL 4501 | Cellular Neurobiology | |
| BIOL 4502 | Experimental Neurobiology | |
| BIOL 4956 | Laboratory Research Project in Biological Sciences (with approval of project) | |
| PSYC 3301 | Learning and Behavior | |
| PSYC 3320 | Cognition | |
| PSYC 3601 | Biopsychology | |
| PSYC 3650 | Affective Neuroscience | |
| PSYC 4320 | Learning and Memory | |
| PSYC 4330 | Human Factors Engineering | |
| PSYC 4956 | Advanced Undergraduate Research (with approval of topic) | |
| PSYC 4960 | Advanced Undergraduate Seminar | |
| PSYC 4995 | Independent Study in Psychology (with approval of topic) | |

Total Credit Hours:

18

Note:

- No more than 6 credits for students from the College of Health Sciences and College of Arts and Sciences and no more than 9 credits for students from the College of Engineering can count towards both the neuroscience minor and their primary major (e.g., only 6 credits from the minor can also apply towards the 33 credits required for the BISC major).

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College of Health Sciences Policies

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