

NEUROSCIENCE (NEUR)

NEUR 299 - Introductory Topics in Neuroscience (1-4 Credit Hours)

A general category used only the evaluation of transfer credit.

NEUR 312 - Current Topics in Neuroscience (4 Credit Hours)

In this seminar-style course, students will learn about and explore current areas of research in the field of neuroscience. Topical areas may vary but typically include perspectives from cellular & molecular neuroscience, neural systems & circuits, neural development / plasticity / repair, behavioral & cognitive neuroscience, and the neurobiology of disease. Students will read a variety of sources, from popular press to scientific journal articles, and develop oral and writing skills for communicating neuroscience research to different audiences.

Prerequisite(s): BIOL 210, BIOL 220, PSYC 100, PSYC 200.

NEUR 361 - Directed Study (1-4 Credit Hours)

A student in good standing may work intensively in areas of special interest under the Directed Study plan. A Directed Study is appropriate when, under the guidance of a faculty member, a student wants to explore a subject more fully than is possible in a regular course or to study a subject not covered in the regular curriculum. A Directed Study should not normally duplicate a course that is regularly offered. Directed Studies are normally taken for 3 or 4 credits. A one-semester Directed Study is limited to a maximum of 4 credit hours. Note: Directed Studies may not be used to fulfill General Education requirements.

NEUR 362 - Directed Study (1-4 Credit Hours)

A student in good standing may work intensively in areas of special interest under the Directed Study plan. A Directed Study is appropriate when, under the guidance of a faculty member, a student wants to explore a subject more fully than is possible in a regular course or to study a subject not covered in the regular curriculum. A Directed Study should not normally duplicate a course that is regularly offered. Directed Studies are normally taken for 3 or 4 credits. A one-semester Directed Study is limited to a maximum of 4 credit hours. Note: Directed Studies may not be used to fulfill General Education requirements.

NEUR 363 - Independent Study (1-4 Credit Hours)

Independent Study engages a student in the pursuit of clearly defined goals. In this effort, a student may employ skills and information developed in previous course experiences or may develop some mastery of new knowledge or skills. A proposal for an Independent Study project must be approved in advance by the faculty member who agrees to serve as the project advisor. Note: Independent Studies may not be used to fulfill General Education requirements.

NEUR 364 - Independent Study (1-4 Credit Hours)

Independent Study engages a student in the pursuit of clearly defined goals. In this effort, a student may employ skills and information developed in previous course experiences or may develop some mastery of new knowledge or skills. A proposal for an Independent Study project must be approved in advance by the faculty member who agrees to serve as the project advisor. Note: Independent Studies may not be used to fulfill General Education requirements.

NEUR 401 - Neuroscience Assessment (0 Credit Hours)

Satisfactory completion of NEUR 401 is required of all senior neuroscience concentrators. NEUR 401 is a zero credit course.

NEUR 451 - Senior Research (4 Credit Hours)

Students may enroll in Senior Research in their final year at Denison. Normally, Senior Research requires a major thesis, report, or project in the student's field of concentration and carries eight semester-hours of credit for the year. Typically, a final grade for a year-long Senior Research will not be assigned until the completion of the year-long Senior Research at the end of the second semester. Each semester of Senior Research is limited to a maximum of 4 credit hours. Note: Senior Research may not be used to fulfill General Education requirements.

NEUR 452 - Senior Research (4 Credit Hours)

Students may enroll in Senior Research in their final year at Denison. Normally, Senior Research requires a major thesis, report, or project in the student's field of concentration and carries eight semester-hours of credit for the year. Typically, a final grade for a year-long Senior Research will not be assigned until the completion of the year-long Senior Research at the end of the second semester. Each semester of Senior Research is limited to a maximum of 4 credit hours. Note: Senior Research may not be used to fulfill General Education requirements.

NEUR 499 - Advanced Topics in Neuroscience (1-4 Credit Hours)

A general category used only in the evaluation of transfer credit.