NEUR - NEUROSCIENCE

Course Schedule

Courses

NEUR 302  Applied Neuroscience  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/302/)
Same as PSYC 302. See PSYC 302.

NEUR 313  Drugs, Brain and Behavior  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/313/)
Same as PSYC 313. See PSYC 313.

NEUR 451  Neurobio of Aging  credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/451/)
Same as MCB 451. See MCB 451.

NEUR 462  Integrative Neuroscience  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/462/)
Same as MCB 462. See MCB 462.

NEUR 500  Topics in Neuroscience  credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/NEUR/500/)
Critical reading and discussion of current papers from the neuroscience literature, and discussion of other relevant topics such as ethics and career and professional skills development. Grading based on attendance and participation. Approved for letter and S/U grading. May be repeated to a maximum of 2 hours. Prerequisite: Enrollment in Neuroscience Ph.D. program or consent of instructor.

NEUR 510  Advances in Behavioral Neuroscience  credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/510/)
Same as PSYC 510. See PSYC 510.

NEUR 520  Advanced Topics in Neuroscience  credit: 0 or 1 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/520/)
Survey of current research in modern neuroscience. 0 or 1 graduate hours. No professional credit. Approved for S/U grading only. May be repeated.

NEUR 530  Special Topics in Neuroscience  credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/530/)
Discussion of current topics of interest in neuroscience; seminar or lecture format. 1 to 4 graduate hours. No professional credit. May be repeated up to 12 hours as topics vary. Prerequisite: Consent of instructor.

NEUR 542  Interdisciplinary Approaches to Neuroscience I  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/542/)
Introduction for graduate students to the breadth and inter-disciplinary nature of Neuroscience, and to the topic areas investigated broadly by faculty of the Neuroscience Program (NSP). The course emphasizes concepts and methods rather than facts, and includes discussions and career development lectures. Team taught by multiple NSP faculty, senior students and postdocs, the course covers topics in cellular, nervous system, and cognitive, behavioral and clinical neuroscience. Same as MCB 542 and PSYC 542. 2 graduate hours. No professional credit.

NEUR 543  Interdisciplinary Approaches to Neuroscience II  credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/543/)
Introduction for graduate students to the breadth and inter-disciplinary nature of Neuroscience, and to the topic areas investigated broadly by faculty of the Neuroscience Program (NSP). The course emphasizes concepts and methods rather than facts, and includes discussions and career development lectures. Team taught by multiple NSP faculty, senior students and postdocs, the course covers topics in cellular, molecular, computational, behavioral and clinical neuroscience as well as neuroengineering. Same as MCB 543 and PSYC 543. 2 graduate hours. No professional credit. Prerequisite: NEUR 542 or consent of instructor.

Information listed in this catalog is current as of 07/2021
NEUR 590  Indiv Topics Neuroscience  credit: 1 to 16 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/590/)
Individual topics of research supervised by Neuroscience faculty. Usually taken in one of the eight Neuroscience concentration areas: 1) neuroanatomy, 2) neurophysiology, 3) cognitive and behavioral neuroscience, 4) neurochemistry, neuropharmacology and neurotoxicology, 5) neuroendocrinology and neuroimmunology, 6) developmental genetic and molecular neuroscience, 7) clinical and biomedical neuroscience, 8) computational neuroscience. Typically taken by students before they choose their thesis topic. Approved for S/U grading only. May be repeated in the same or subsequent terms. Prerequisite: Consent of instructor.

NEUR 598  Proseminar in Psychology  credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/598/)
Same as PSYC 598. See PSYC 598.

NEUR 599  Thesis Research  credit: 0 to 16 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/599/)
Research on the thesis topic and preparation of the thesis. Approved for S/U grading only. May be repeated in the same or subsequent terms. Prerequisite: Consent of instructor.

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