NEUR - NEUROSCIENCE

NEUR Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/NEUR/)

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 314  
Introduction to Neurobiology  
credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/314/)
Same as PSYC 314. See PSYC 314.

NEUR 403  
Memory and Amnesia  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/403/)
Same as PSYC 403. See PSYC 403.

NEUR 405  
Cognitive Neuroscience  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/405/)
Same as PSYC 404. See PSYC 404.

NEUR 413  
Advanced Neuropsychopharmacology  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/413/)
Same as PSYC 413. See PSYC 413.

NEUR 414  
Brain, Learning, and Memory  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/414/)
Same as PSYC 414. See PSYC 414.

NEUR 417  
Neuroscience of Eating & Drinking  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/417/)
Same as FSHN 417 and PSYC 417. See PSYC 417.

NEUR 419  
Brain, Behavior & Info Process  
credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/419/)
Same as BIOP 419 and MCB 419. See MCB 419.

NEUR 421  
Principles of Psychophysiology  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/421/)
Same as PSYC 421. See PSYC 421.

NEUR 432  
Genes and Behavior  
credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/432/)
Same as ANTH 432, IB 432, and PSYC 432. See IB 432.

NEUR 433  
Evolutionary Neuroscience  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/433/)
Same as IB 436, PHIL 433 and PSYC 433. See PSYC 433.

NEUR 445  
Cognitive Neuroscience Lab  
credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/445/)
Same as PSYC 445. See PSYC 445.

NEUR 450  
Cognitive Psychophysiology  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/450/)
Same as PSYC 450. See PSYC 450.

NEUR 451  
Neurobio of Aging  
credit: 0 to 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/451/)
Same as PSYC 451 and KIN 458. See PSYC 451.

NEUR 453  
Cog Neuroscience of Vision  
credit: 3 or 4 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/453/)
Same as PSYC 453. See PSYC 453.

NEUR 461  
Cell & Molecular Neuroscience  
credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NEUR/461/)
Same as MCB 461. See MCB 461.

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 on the evolution of the 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.
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.