

Spring 2024 Neurobiology Major Courses

REQUIRED NEUROSCIENCE COURSES

Behavioral Neuroscience: PSYCH 454
Neuroscience Seminar: ZOOLOGY 500

DISTRIBUTED NEUROSCIENCE COURSES

ANAT&PHY 335 - Physiology* **(see A&P enrollment procedures for priority enrollment groups)**
ANAT&PHY 435 - Fundamentals of Human Physiology* **(see A&P enrollment procedures for priority enrollment groups)**
AN SCI 373 - Animal Physiology*
BIOCHEM 501 - Introduction to Biochemistry*
BIOCHEM 508 - General Biochemistry II*
BME 520 - Stem Cell Bioengineering*
CS&D 210 - Neural Basis of Communication
ED PSYCH 326 - Mind, Brain, and Education
GENETICS 520 - Neurogenetics
KINES 531 - Neural Control of Movement **(Priority to Kines majors)**
NTP/NEURODPT 611 - Systems Neuroscience
NTP/NEURODPT 640 - Computational Neuroscience: From Single Cells to Whole Brain Models
NTP 666 – Neuroscience of Consciousness and its Disorders
NTP 675 - Nanotechnology in Neuroscience
PHM SCI 310 - Drugs and Their Actions
PHARMACY 632 - Neuroscience of Psychedelics
PSYCH 406 – Psychology of Perception
PSYCH 513 - Hormones, Brain, and Behavior
ZOOLOGY 400 – Brain Communication & Evolution
ZOOLOGY 400 – Neuronal Cell Bio in Health & Disease
ZOOLOGY 400 - Neuroanatomy and Systems
ZOOLOGY 470 - Introduction to Animal Development*
ZOOLOGY 611 - Comparative and Evolutionary Physiology
ZOOLOGY/NTP 620 – Neuroethology Seminar
ZOOLOGY 655 - Modeling Neurodevelopmental Disease

LAB CLASSES

ANAT&PHY 435 - Fundamentals of Human Physiology* **(see A&P enrollment procedures for priority enrollment groups)**
NTP/NEURODPT 640 - Computational Neuroscience: From Single Cells to Whole Brain Models
ZOOLOGY 400 - Neuroanatomy and Systems
ZOOLOGY 604 - Computer-based Gene and Disease/Disorder Research Lab
ZOOLOGY 612 – Comparative Physiology Lab **(this class must be taken concurrently with ZOOLOGY 611)**

RESEARCH

Several options available for 699. See our RESEARCH page and advisor to learn how to find these opportunities.

Important: Please, check prerequisites before attempting to enroll in any course.

No more than one course with an asterisk () may apply to the DNS coursework requirement.