Spring 2027 Neurobiology Major Courses

REQUIRED NEUROSCIENCE COURSES

Behavioral Neuroscience: PSYCH 454
Neuroscience Seminar: ZOOLOGY 500

DISTRIBUTED NEUROSCIENCE COURSES

ANAT&PHY 335 - Physiology*
ANAT&PHY 435 - Fundamentals of Human Physiology* **(see A&P enrollment procedures for priority enrollment groups in both 335 and 435 these are listed in section level requirements and sent on 10/22)**
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
ED PSYCH 506 – **TOPIC**: Ed Neuroscience and Creativity (**Only this Topic is accepted from ED PSYCH 506 in spring 2027**)
GENETICS 520 - Neurogenetics
KINES 531 - Neural Control of Movement
NEURODPT 650 – Functional Genomics of Brain Disorders
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
PHM SCI 632 - Neuroscience of Psychedelics
PSYCH 406 – Psychology of Perception
PSYCH 414 – Cognitive Psychology
PSYCH 505 – **TOPIC**: Learning and Decision-Making (**Only this Topic is accepted from PSYCH 505 in spring 2027**)
PSYCH 513 - Hormones, Brain, and Behavior
PSYCH 601 – **TOPIC**: Neural basis of cognitive control
PSYCH 601 – **TOPIC**: How We See: Material Perception **(Please make sure you are enrolling in the correct topics course in Psych 601 in spring 2027)**
ZOOLOGY 400 – How Animals Communicate
ZOOLOGY 470 - Introduction to Animal Development*
ZOOLOGY 611 - Comparative and Evolutionary Physiology
ZOOLOGY 655 - Modeling Neurodevelopmental Disease (meets with NEURODPT 675)

LAB CLASSES

ANAT&PHY 435 - Fundamentals of Human Physiology* **(see A&P enrollment procedures in CSE for priority enrollment groups)**
NTP/NEURODPT 640 - Computational Neuroscience: From Single Cells to Whole Brain Models
ZOOLOGY 612 – Comparative Physiology Lab **(this class must be taken concurrently with ZOOLOGY 611)**

RESEARCH

Several options available. See our RESEARCH page and your 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.