

Spring 2025 Neurobiology Major Courses

REQUIRED NEUROSCIENCE COURSES

Behavioral Neuroscience: PSYCH 454 (**no Honors section – Spring 2025 only**)
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

ED PSYCH 506 – **TOPIC: Brain & Behavioral Development (Note the topic title before enrolling)**

ED PSYCH 506 – **TOPIC: Ed Neuroscience and Creativity (Note the topic title before enrolling)**

GENETICS 520 - Neurogenetics

KINES 531 - Neural Control of Movement

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

PHARMACY 632 - Neuroscience of Psychedelics

PSYCH 505 – **TOPIC: Cog. Neuroscience: Bridging Mind and Brain (Only this Topic is accepted from PSYCH 505 in spring 2025)**

PSYCH 513 - Hormones, Brain, and Behavior

DSIC 301-306 reserved for Psychology majors

DISC 307-309 reserved for Psychology and Neurobiology majors

Disc 310 Honors section

PSYCH 601 – **TOPIC: Neuroeconomics (Only this Topic is accepted from PSYCH 601 in spring 2025)**

ZOOLOGY 470 - Introduction to Animal Development*

ZOOLOGY 611 - Comparative and Evolutionary Physiology

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 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.