

IMPORTANT: This document is meant to serve as an example and a planning tool. It is *not* a substitute for meeting with your academic advisor. Be sure to review your course plans with your advisor and check DegreeWorks regularly to keep track of your progress toward graduation.

The course scheduling details shared here are for planning purposes only. They do not guarantee when or how often specific courses will be offered. Course offerings can change depending on faculty availability and student demand. For the most up-to-date and accurate information, always check the online course schedule and consult with your academic advisor.

Keep in mind that there are many different ways to complete a major or program of study, including opportunities like study away or other special options. Your advisor can help you design an academic pathway that best fits your goals and interests.

Neuroscience Major Pathway

These are guides of suggested pathways for completion of major requirements.

Be sure to check the "Important Notes" column for more information about when courses are offered, critical prerequisites, and flexibility about which year(s) courses can be taken.

Neuroscience Major Pathway

Year	Fall Semester	Spring Semester	Important Notes
First	BIO 114 Intro Biological Sciences	CHEM 253 Organic Chemistry I	- BIO 114 (fall) - CHEM 153 (fall) - CHEM 253 (spring); CHEM 153 is a prerequisite - PSY 225 (fall and spring)
	CHEM 153 Chemical Principles	PSY 225 Intro to Neuroscience	
Second	PSY 227 Intro to Psychopharmacology	XXX 141 Statistics course	- PSY 227: PSY 225 is a prerequisite - XXX 141 may be satisfied by one of the following - BIO 241 Biological Data Analysis - MATH 141 Introductory Statistics - MATH 151 Introduction to Data Science - MGMT 141, PSY 141, or SOC 141 Statistics for Social Sciences - BIO 2XX or 3XX choose two to take in second, third, and/or fourth years; of the 4 elective courses, 2 must be 300-level - BIO 200 Research Experience in Biology; a section of BIO 202 must be taken concurrently with this course (fall and spring) - BIO 203 Human Anatomy and Physiology I (spring) - BIO 211 Genetics (fall) - BIO 213 Principles of Cell Biology - BIO 254 Developmental Biology - BIO 255 Vertebrate Evolution and Anatomy - BIO 303 Evolution - BIO 305 Principles of Biochemistry Lecture offered (fall) - BIO 316 Molecular Biology and Genomics (fall) - BIO 330 Comparative Biomechanics - BIO 340 Principles of Cancer Biology
	BIO 2XX or 3XX Elective	BIO 2XX or 3XX Elective	
	PSY 202 Quantitative Research Methods		
Third	PSY 2XX or 3XX Elective	PSY 2XX or 3XX Elective	PSY 2XX and PSY 3XX choose two to take in second, third, and/or fourth years; of the 4

			elective courses, 2 must be 300-level ○ PSY 211 Learning and Memory (spring) ○ PSY-212 Perception ○ PSY 222 Cognition (fall) ○ PSY 226 Comparative Animal Behavior ○ PSY 230 Psychology of Consciousness (fall) ○ PSY 312 Topics in Perception (spring) ○ PSY 367 Cognitive Neuroscience (fall) ○ PSY 398 Applied Behavioral Analysis (spring)
Fourth	NEUR 400 Senior Seminar in Neuroscience	BIO or PSY 3XX Elective	● NEUR 400 (fall only) ● BIO or PSY 3XX lab course can be taken in fall or spring of the third or fourth year (check prerequisites and plan your prior Elective courses accordingly!) ○ BIO/CHEM 306 Experimental Biochemistry (spring) ○ BIO 317 Molecular Ecology and Evolution (fall) ○ BIO 324 Neurobiology (fall) ○ PSY 337 - Practicum in Psychological Research ○ PSY 341 Laboratory in Behavioral Neuroscience (spring) ○ PSY 348 Laboratory in Animal Communication and Cognition ○ PSY 443 Research Capstone in Cognitive Psychology ○ PSY 498 Research Capstone in Cognitive Neuroscience