

First and Second Year Advising
Academic Plan for **Molecular & Cellular Neuroscience BS**
College of Arts & Sciences



Preparing people to lead extraordinary lives

Neuroscience students must complete this list of University Core areas:

- Artistic Knowledge** (1 course/3 credit hours)
- Ethics** (1 course/3 credit hours)
- Historical Knowledge** (2 courses/6 credit hours)
- Literary Knowledge** (2 courses/6 credit hours)
- Philosophical Knowledge** (2 course/6 credit hours)
- Societal Knowledge** (1 course/3 credit hours)
- Theological Knowledge** (2 courses/6 credit hours)
- Writing Seminar** (1 course/3 credit hours)

Study Abroad Neuroscience majors will find it easiest to study abroad during their junior or senior year. Students should plan to complete University Core requirements while abroad.

120+ Total Credit Hours

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
FALL	BIOL 101/111 General Biology I & Lab (4 credits) CHEM 101/111 General Chemistry A & lab (4 credits) PSYC 101 General Psychology MATH 118 Pre-Calculus II UNIV 101 First-Year Seminar (1 credit)	BIOL 251 Cell Biology CHEM 223 Organic Chemistry A PHYS 111/111L College Physics I & Lab (4 credits) CORE CORE	Language 101 BIOL/STAT 335 Biostatistics or PSYC 304 Statistics BIOL 362 Neurobiology Major Lab Elective (2-4 credits) CORE	Major Lab Elective (2-4 credits) Major Lecture Elective (1-3 credits) Engaged Learning Course CORE CORE General Elective
SPRING	BIOL 102/112 General Biology II & Lab (4 credits) CHEM 102/112 General Chemistry B & Lab (4 credits) MATH 131 Calculus NEUR 101 Intro to Neuroscience UCWR 110 Writing Seminar	BIOL 282 Genetics BIOL 252 or 283 Cell Biology or Genetics Lab (1 credit) PSYC 382/BIOL 284 Behavioral & Cognitive Neuroscience CHEM 224 Organic Chemistry B PHYS 112/112L College Physics II & Lab (4 credits) CORE	Language 102 Major Lecture Elective (1-3 credits) CORE CORE CORE General Elective	Capstone Course Major Lecture Elective (1-3 credits) CORE CORE General Elective

Students majoring in the College of Arts & Sciences must also complete two Writing Intensive courses, which may fulfill University Core or major requirements in addition.

Fall 2020 Program Requirements

This plan is intended as a sample to help students envision one path for completion of this degree. Many courses may be moved to alternate semesters without impacting progress toward degree completion. Course sequencing may be impacted by math placement.