

**Notes**

- Students are required to complete a total of 56 credit hours. Majors will take 9 core courses (including Capstone Course NB 347) and complete 5 courses in one of the two tracks, Neurobiology or Cognitive & Behavioral (see below).
- \*AP Psychology Test Score of 4 or 5 may be used to replace the PSYC 101 requirement
- \*\* Chemistry requirements for the Neuroscience and Behavior major include one introductory semester (course depends on placement exam). If you are completing the Neurobiology track, you are required to take one additional semester of organic chemistry, typically CHEM 112. (If you are completing premedical requirements, you will need to take one introductory course plus: CHEM 216 Quantitative Analysis and CHEM 224 & 225 Organic Chemistry I & II.)
- ^ Philosophy prerequisite waived for Neuroscience and Behavior majors.
- The major in Neuroscience & Behavior is jointly administered by the departments of Biology and Psychology.
- See "Simmons PLAN & Graduation Requirements" worksheet for all-college requirements.

**Major Core**

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
<b>First Year</b>			
BIOL 113/ 115	General Biology or Advanced General Biology	4	
CHEM 111/ 113/ 115**	Introductory Chemistry: Inorganic, Principles of Chemistry, or Advanced General Chemistry	4	
PSYC 101*	Introduction to Psychological Science	4	
<b>Sophomore Year</b>			
MATH 118 (or MATH 227 or 229)	Introductory Statistics (or higher)	4	
PSYC 201	Biological Psychology	4	
PSYC 203	Research Methods in Psychology	4	
<b>Junior Year</b>			
PHIL 237^	Philosophy of Mind	4	
ONE additional Biology course at the 200-level or higher. Course Selected:		4	
<b>Senior Year</b>			
NB 347	Seminar in Neuroscience & Behavior [capstone]	4	

**Complete One Track:**

**Neurobiology Track (B.S. in Neuroscience & Behavior)**

Complete FIVE required courses for the Neuroscience & Behavior track.

Course #	Course Title	Credits	Completed
CHEM 112 OR CHEM 224	Introductory Chemistry: Organic OR Organic Chemistry I	4	
BIOL 225	Cell Biology	4	
BIOL 334	Neurobiology*	4	
BIOL 337	Molecular Biology*	4	
BIOL 350 OR BIOL 370	Fall semester of: Internship OR Independent Laboratory Research	4	

\*Please note: These courses are offered every other year and plan your schedule accordingly.

**Cognitive & Behavioral Track (B.A. in Neuroscience & Behavior)**

Complete FIVE required courses for the Cognitive Behavioral track.

Course #	Course Title	Credits	Completed
BIOL 342	Topics in Behavioral Biology	4	
PSYC Basic Processes	Choose <b>ONE</b> from the following: PSYC 243: Cognitive Psychology PSYC 244: Drugs and Behavior PSYC 245: Learning and Conditioning PSYC 247: Sensation and Perception	4	
PSYC Upper Level Research	Choose <b>ONE</b> from the following: PSYC 301: Research in Biopsychology OR PSYC 303: Research in Cognitive Processes OR PSYC 304: Research in Personality	4	
<b>TWO</b> additional courses from the <b>Neuroscience Course</b> list (see list below)			
Courses Selected		Credits	Completed
1.		4	
2.		4	

**Neuroscience Courses**

Courses cannot double-count for core/track requirements and as Neuroscience list courses.

PSYC 231	The Nature of Abnormal Behavioral
PSYC 232	Health Psychology
PSYC 243	Cognitive Psychology
PSYC 244	Drugs and Behavior
PSYC 245	Learning and Conditioning
PSYC 247	Sensation and Perception
PSYC 301	Research in Biopsychology
PSYC 303	Research in Cognitive Processes
MATH 227	Intermediate Statistics: Design and Analysis
MATH 229	Regression Models
CS 112	Introduction to Computer Science
IT 225	Health Informatics
BIOL 222	Animal Physiology
BIOL 225	Cell Biology
BIOL 231	Anatomy and Physiology I
BIOL 246	Foundations of Exercise and Health
BIOL 334	Neurobiology
BIOL 335	Developmental Biology
BIOL 336	Genetics
CHEM 112 OR	Introductory Chemistry: Organic OR
CHEM 224	Organic Chemistry I
CHEM 223	Introduction to Biochemistry
NUTR 111 OR	Fundamentals of Nutrition Science OR
NUTR 112	Intro to Nutrition Science
PHIL 136	Philosophy of Human Nature
SOCI 241	Health, Illness, and Society