

# BEHAVIORAL NEUROSCIENCE MAJOR

## Requirements

**Note:** These requirements apply to students in the class of 2029 and later. Requirements for the major and minor in Behavioral Neuroscience for students in the class of 2028 and earlier can be found in the Catalog Archive.

For a 62-credit major in Behavioral Neuroscience, students complete the following:

Code	Title	Credits
BIOL 1171 & 1171L	General Biology I and General Biology I Lab	4
BIOL 1172 & 1172L	General Biology II and General Biology II Lab	4
CHEM 1171 & 1171L	General Chemistry I and General Chemistry I Lab	4
CHEM 1172 & 1172L	General Chemistry II and General Chemistry II Lab	4
CHEM 2271 & 2271L	Organic Chemistry I and Organic Chemistry I Lab	4
CHEM 2272 & 2272L	Organic Chemistry II and Organic Chemistry II Lab	4
PSYC 1010	General Psychology	3
PSYC 1710	General Neuroscience	3
PSYC 2610	Behavioral Neuroscience	3
PSYC 2810	Statistics for the Behavioral Sciences	4
PSYC 2820 or PSYC 2830	Research Methods in Psychology Research Methods in Behavioral Neuroscience	4
Select six elective courses in biology and psychology from the following: <sup>1</sup>		18
BIOL 1107	Human Anatomy and Physiology I	
BIOL 1108	Human Anatomy and Physiology II	
BIOL 1173	General Biology III	
BIOL 2261	Genetics	
BIOL 2262	Human Physiology	
BIOL 3312	Fundamentals of Neurobiology <sup>1</sup>	
BIOL 3314	Endocrinology	
BIOL 3324 or BIOL 3325	Biochemistry I Biochemistry II	
BIOL 3327	Cell Biology	
BIOL 3342	Developmental Biology	
BIOL 3354	Molecular Biology	
PSYC 1740	Drugs, Brain, and Behavior	
PSYC 2360	Human Neuropsychology	
PSYC 2510	Cognitive Psychology	
PSYC 2520	Learning and Applied Behavior Analysis	
PSYC 2620	Sensation and Perception	
PSYC 2900	Special Topics (Shell) (with an emphasis in behavioral neuroscience)	

PSYC 3610	Cognitive Neuroscience <sup>1</sup>	
PSYC 3720	Hormones and Behavior <sup>1</sup>	
PSYC 3740	Pharmacology and Mental Disorders <sup>1</sup>	
PSYC 3760	Molecular and Cellular Neuroscience <sup>1</sup>	
PSYC 3955	Supervised Research: Behavioral Neuroscience <sup>2</sup>	
PSYC 4610	Senior Seminar: Current Issues in Behavioral Neuroscience	
PSYC 4620	Senior Seminar: Integrative Neuroscience	
PSYC 4710	Senior Seminar in Neuroscience of Human Memory	
PSYC 4900	Special Topics: Senior Seminar (with an emphasis in behavioral neuroscience)	
PSYC 4955	Research Thesis in Behavioral Neuroscience <sup>2</sup>	
Select one Capstone Experience from the following: <sup>4</sup>		3
PSYC 4610	Senior Seminar: Current Issues in Behavioral Neuroscience	
PSYC 4620	Senior Seminar: Integrative Neuroscience	
PSYC 4710	Senior Seminar in Neuroscience of Human Memory	
PSYC 4900	Special Topics: Senior Seminar	
PSYC 4955	Research Thesis in Behavioral Neuroscience <sup>2</sup>	
<b>Total Credits</b>		<b>62</b>

<sup>1</sup> At least two elective courses must be in biology and at least two must be in psychology. At least one elective must be an advanced neuroscience course.

<sup>2</sup> May be taken twice; Behavioral neuroscience majors can take Supervised Research and the Research Thesis course up to two times each. They can be taken with the same research mentor or with different mentors. If the Research Thesis course is taken a second time, it should be for a separate project than the first. PSYC 2950 and PSYC 2955 (1 credit) do not count as psychology electives towards major requirements.

<sup>3</sup> Only for certain sections; consult with the professor.

<sup>4</sup> Cannot double count a capstone experience as an elective.