

Neuroscience

Students declaring this major Fall 2009 or later should follow these requirements.

Students declaring the major prior to Fall 2009 should check the archived Bulletin for the year in which they declared for the correct requirements. In addition to satisfying the university and college requirements for graduation, students must successfully complete the following courses with a grade of C- or better:

Please note that it is students' responsibility to check all co- and prerequisites.

5 introductory and methods courses

Grade	S.H.	Department Name	Course #	Course Title	Previous # xx
		Neuroscience	1051	Fundamentals of Neuroscience	
		Psychology	1071	Psychology as a Natural Science	0070/0051
		Psychology	1167	Foundations in Statistical Methods	C067
		Psychology	2168	Inferential Methods in Psychology	0122
		Psychology	2196	Scientific Thinking in Psychology	W123/W200

3 science courses

Grade	S.H.	Department Name	Course #	Course Title	Previous # xx
		*Biology	1012	General Biology II	C084
		**Chemistry	1031/1033	General Chemistry I	C071/C073
		Chemistry	1032/1034	General Chemistry II	C072/C074

5 required courses

Grade	S.H.	Department Name	Course #	Course Title	Previous # xx
		Neuroscience	2121	Development/Plasticity/Repair (<i>pre-req NSCI 1051</i>)	
		Neuroscience	2122	Cellular Neuroscience (<i>pre-req NSCI 1051</i>)	
		Neuroscience	2222	Neurobiology of Disease (<i>pre-req NSCI 1051</i>)	
		Neuroscience	3087	Techniques in Neuroscience (<i>pre-req NSCI 1051 & NSCI 2122</i>)	
		Neuroscience	4197	Capstone in Neuroscience (<i>pre-req NSCI 1051, 2121, 2122, 2222, 3087</i>)	

1 of the following Psychology courses

Grade	S.H.	Department Name	Course #	Course Title	Previous # xx
		Psychology	2501	Foundations of Behavioral Neuroscience OR (<i>pre-req PSY 1071</i>)	0260
		Psychology	2502	Foundations of Cognitive Neuroscience (<i>pre-req PSY 1071</i>)	0265

2 electives from the following list

Grade	S.H.	Department Name	Course #	Course Title	Previous # xx
		CSC+DIS	3235	Human Neuroscience	0235
		CSC+DIS	3382	Independent Study in Communication Sciences	0339
		Philosophy	2144	Introduction to the Philosophy of Mind	0144
		Psychology	3306	Neuroscience of Development & Aging	0306
		Psychology	3566	Neurobiology of Learning and Memory	0366
		Psychology	3561	Psychopharmacology	0361
		Psychology	4182	Independent Study in Cognitive Neuroscience I	0394
		Psychology	4282	Independent Study in Cognitive Neuroscience II	0395
		Neuroscience	4182	Independent Study	
		Neuroscience	4282	Independent Study	
		Biology	3082	Independent Study	0195
		Biology	3096	Cell Structure & Function	W204
		Biology	3352	Systems Neuroscience	0352
		Biology	3354	Neural Basis of Animal Behavior	0354
		Biology	3356	Organization & Development of the Nervous System	0356
		Chemistry	3881	Cooperative Research	0283
		Chemistry	4107	Drug Analysis	0317
		Physics	3301	Electricity & Magnetism	0187

xx Please note that this sheet displays both the old and new course numbers. Students are responsible to make sure they are not repeating courses taken under the old course numbers. Please visit www.temple.edu/renumbering for more information.

**Also accepted Biology 2112 or 2912 **Also accepted Chemistry 1041/1043 or 1051/1053*