

NEUROSCIENCE, B.S.

Requirements for a Major in Neuroscience

Code Title Hours

Thirty-two semester hours including the following:

Required Courses

NSC 1306 & NSC 1106	Introduction to Neuroscience and Introduction to Neuroscience Laboratory	4
------------------------	--	---

NSC 2306	Research Methods in Neuroscience	3
----------	----------------------------------	---

Select eight hours from the following pairs of courses:	8
---	---

NSC 3311 & NSC 3111	Cognition and Laboratory in Cognition	
NSC 3320 & NSC 3120	Learning and Behavior and Laboratory in Learning and Behavior	
NSC 3323 & NSC 3123	Sensation and Perception and Laboratory in Sensation and Perception	

Additional Courses

Select six hours from the following: (course cannot count for multiple requirements)	6
--	---

NSC 3311	Cognition	
NSC 3320	Learning and Behavior	
NSC 3323	Sensation and Perception	
NSC 3370	Affective Neuroscience	
NSC 3375	Sleep	
NSC 3381	Neuroscience and the Law	
NSC 3390	Developmental Neuroscience	
NSC 4312	Behavioral Medicine	
NSC 4317	Literature of Behavioral Neuroscience	
NSC 4371	Advanced Research in Neuroscience	
NSC 4V96	Special Topics in Neuroscience (only 3 hours may count toward the 6 hours required in this category)	

Advanced Neuroscience

Select eleven hours from the following:	11
---	----

NSC 4319 & NSC 4119	Clinical Neuroscience and Laboratory in Clinical Neuroscience	
NSC 4330 & NSC 4130	Advanced Principles of Neural Science and Advanced Laboratory in Neural Science	
NSC 4356	Neuropharmacology	

Additional Requirements

A grade of "C" or better is required in all PSY and/or NSC courses used for the major.

Subtotal	32
-----------------	-----------

Required Courses in Other Fields

A grade of "C" or better is required in each course.

PSY 1305	Psychological Science: Understanding Human Behavior	3
PSY 4400	Advanced Statistics I	4
BIO 1305 & BIO 1105	Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory	4

BIO 1306 & BIO 1106	Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory	4
------------------------	---	---

CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	4
------------------------	--	---

CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	4
------------------------	--	---

MTH 1321	Calculus I	3
----------	------------	---

STA 2381	Introductory Statistical Methods	3
----------	----------------------------------	---

Select one of the following sequences:	8
--	---

PHY 1408 & PHY 1409	General Physics for Natural and Behavioral Sciences I and General Physics for Natural and Behavioral Sciences II	
------------------------	---	--

PHY 1420 & PHY 1430	General Physics I and General Physics II	
------------------------	---	--

Total Hours	69
--------------------	-----------