

Students in the class of 2019 have the option of fulfilling the previous requirements for the Neuroscience major or minor:

The Major in Neuroscience (53 or 54 credits)

Required Core Courses (47 credits)

BIO 132/133 [formerly 150/151] Cells, Physiology and Development + lab (<i>fall & spring</i>) BIO 230/231 Genomes and Genetic Analysis + lab (<i>spring</i>)	10
CHM 111 (or 118), 222 Chemistry I, II (<i>fall & spring</i>)	10
NSC/PSY 110 Fundamentals of Neuroscience (<i>spring</i>)	4
NSC 230 Experimental Methods in Neuroscience (<i>fall & spring</i>)	4
MTH 201 / PSY 201 or MTH 219 or MTH 220 Statistics (<i>fall & spring</i>)	4
Take one of these biology courses -- and its lab -- as a core course: BIO 200/201 Animal Physiology + lab (<i>fall</i>) BIO 202/203 Cell Biology + lab (<i>fall</i>)	5
Take two advanced courses with labs from these six options: BIO 300/301 Neurophysiology + lab (<i>spring</i>) BIO 302/303 Developmental Biology + lab (<i>fall</i>) BIO 310/311 Cell & Molecular Neuroscience + lab (<i>fall</i>) BIO 363 Animal Behavior Methods (<i>fall</i>) NSC 314/315 Neuroendocrinology + lab (<i>spring</i>) NSC 318/319 Systems Neurobiology + lab (<i>spring, not offered in 2016-17</i>)	8-10

Elective Courses (6-8 credits)

Choose one course from this group: BIO 159Y Environment to Embryo (<i>fall+spring, not offered in 2016-17</i>) (5) BIO 200 (<i>fall</i>) or BIO 202 (<i>fall</i>) or BIO 230 (<i>spring</i>) (4) BIO 300/301 (<i>spring</i>) or 302 (<i>fall</i>) or 310 (<i>fall</i>) or NSC 314 (<i>spring</i>) or 318 (<i>spring</i>) (4 or 5) BIO 362 Animal Behavior (<i>fall, not offered in 2016-17</i>) or BIO 363 Animal Behavior Methods (<i>fall</i>) (3) PSY 105 Brain, Behavior, and Emotion (<i>spring, not offered in 2016-17</i>) (4) PSY 120 Human Cognition (<i>spring, not offered in 2016-17</i>) (4) PSY 130 Clinical Neuroscience (<i>fall</i>) (4) PSY 215 Brain States (<i>fall, not offered in 2016-17</i>) (4) PSY 230 Psychopharmacology (<i>spring</i>) (4)	3 - 5
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<p>Choose one seminar or research course from this group:</p> <p>BCH 380 Topics in Biochemistry: Epilepsy (<i>spring, not offered in 2016-17</i>) (3) BIO 323 Topics in Developmental Biology (<i>spring</i>) (4) NSC 312 Seminar in General Anesthesia (<i>spring</i>) (4) NSC 316 Neuroscience in the Public Eye (<i>spring, not offered in 2016-17</i>) (4) PSY 314 Seminar in Foundations of Behavior (<i>spring</i>) (4) PSY 315 Seminar in Autism Spectrum Disorders (<i>fall</i>) (4) PSY 326 Seminar in Biopsychology: Behavioral Epigenetics (<i>fall, not offered in 2016-17</i>) (4) PSY 327 Seminar in Mind and Brain: Alzheimer's Disease (<i>fall, not offered in 2016-17</i>) (4) NSC 400 Special Studies (1 to 5 credits) NSC 430 or 432 Honors Thesis (8 or 12 credits)</p>	3 - 12
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The Minor in Neuroscience

<p>Two required core courses:</p> <p>* NSC/PSY 110 Introduction to Neuroscience (<i>spring</i>) * A 300-level course with laboratory, selected in consultation with your advisor.</p>
<p>Four electives (choose any four additional courses from this list):</p> <p>PSY 105, 120, 130, 230, 314, 315, 326, 327 NSC 230, 312, 314, 316, 318 BIO 230, 200, 202, 230, 300/301, 302, 310, 323, 362, 363</p>

Notes:

- Six courses are required for the minor.
- One course must include a laboratory component.
- No more than two courses in the minor can also be counted to fulfill a major.
- The S/U option may not be used for courses in the minor.