



UNC  
COLLEGE OF  
ARTS & SCIENCES

THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

DEPARTMENT OF PSYCHOLOGY AND NEUROSCIENCE

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DONALD T. LYSLE, Ph.D.  
KENAN PROFESSOR AND CHAIR

November 1, 2017

Abigail Panter, Ph.D.  
Senior Associate Dean for Undergraduate Education  
Office of Undergraduate Curricula  
University of North Carolina Chapel Hill

Dear Dean Panter:

We are writing to request that a grade of "C or better" be earned for Introduction to Neuroscience in order for this course to count towards our department's Neuroscience minor. Introduction to Neuroscience is a critical course for this minor. By stipulating that a grade of "C or better" be earned, we hope to better ensure that students are prepared for the other courses required by this minor. If approved, this requirement would be included on the webpage describing our Neuroscience minor.

Additionally, please note that, currently, the course designation for Introduction to Neuroscience is PSYC 315. However, a proposal has been submitted this Fall 2017, to change the course number to PSYC 175.

Thank you very much for considering this request.

Sincerely,

Donald T. Lysle, Ph.D.  
Kenan Distinguished Professor  
Chair, Psychology and Neuroscience

Jeannie Loeb, Ph.D.  
Director of Undergraduate Studies

Kelly S. Giovanello, Ph.D.  
Professor and Director of the Undergraduate Neuroscience Curriculum

# NEUROSCIENCE MINOR

## Contact Information

### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)

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The minor is open to all students, including psychology majors. However, students should note that they are limited to no more than 45 credit hours within a specific department. Students must earn a grade of C or better in at least four of the five courses.

## Department Programs

### Majors

- Psychology Major, B.A. (<http://catalog.unc.edu/undergraduate/programs-study/psychology-major-ba>)
- Psychology Major, B.S. (<http://catalog.unc.edu/undergraduate/programs-study/psychology-major-bs>)

### Minors

- Cognitive Science Minor (<http://catalog.unc.edu/undergraduate/programs-study/cognitive-science-minor>)
- Neuroscience Minor (p. 1)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor course requirements at UNC-Chapel Hill

- earn a minimum of 12 hours of C or better in the minor (some minors require more)

For more information, please consult the degree requirements section of the catalog (<http://catalog.unc.edu/undergraduate/general-education-curriculum-degree-requirements/#degreerequirementstext>).

Code	Title	Hours
<b>Core Requirements</b>		
PSYC 315	Introduction to Neuroscience (with a grade of C or better; prerequisite PSYC 101 or BIOL 101)	3
Four courses distributed over at least two academic departments, selected from the following lists:		12
<b>Psychology:</b>		
PSYC 220	Biopsychology <sup>1, H</sup>	
PSYC 225	Sensation and Perception <sup>H</sup>	
PSYC 245	Abnormal Psychology <sup>H</sup>	
PSYC 320	Drugs and Human Behavior	
PSYC 330	Introduction to Cognitive Science	
PSYC 401	Animal Behavior	
PSYC 402	Advanced Biopsychology	
PSYC 403	Advanced Biopsychology Laboratory <sup>H</sup>	
PSYC 404	Clinical Psychopharmacology	
PSYC 415	History of Neuroscience	
PSYC 420	Functional Neuroanatomy	
PSYC 424	Neural Connections: Hands on Neuroscience	
PSYC 425	Advanced Perceptual Processes	
PSYC 426	Molecular Mechanisms of Memory	
PSYC 427	Neurobiology of Aging	
PSYC 428	Neuroscience, Society, and the Media	
PSYC 429	Neuroeconomics and the Science of Consequence	
PSYC 434	Cognitive Neuroscience	
PSYC 437	Neurobiology of Learning and Memory	
PSYC 469	Evolution and Development of Biobehavioral Systems	
PSYC 507	Autism	
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	
PSYC 568	Emotion	
PSYC 602	Evolutionary Psychology	
<b>Biology:</b>		
BIOL 252	Fundamentals of Human Anatomy and Physiology	
BIOL 278	Animal Behavior	
BIOL 431	Biological Physics	
BIOL 450	Introduction to Neurobiology	
BIOL 451	Comparative Physiology	
BIOL 455	Behavioral Neuroscience	
BIOL 552	Behavioral Endocrinology	
BIOL 553	Mathematical and Computational Models in Biology	
<b>Biomedical Engineering:</b>		
BMME 445	Systems Neuroscience <sup>1</sup>	
<b>Chemistry:</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	
<b>Computer Science:</b>		

COMP 555 Bioalgorithms

**Exercise and Sport Science:**

EXSS 380 Neuromuscular Control and Learning

**Mathematics:**MATH 383 First Course in Differential Equations<sup>H</sup>

MATH 528 Mathematical Methods for the Physical Sciences I

MATH 529 Mathematical Methods for the Physical Sciences II

MATH 547 Linear Algebra for Applications

MATH 553 Mathematical and Computational Models in  
Biology

MATH 564 Mathematical Modeling in the Life Sciences

MATH 566 Introduction to Numerical Analysis

MATH 577 Linear Algebra

**Physics:**

PHYS 405 Biological Physics

**Statistics and Operations Research:**

STOR 215 Foundations of Decision Sciences

STOR 445 Stochastic Modeling

STOR 455 Statistical Methods I

STOR 556 Advanced Methods of Data Analysis

STOR 565 Machine Learning

Total Hours 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may receive elective credit for BMME 445 or PSYC 220, but not both.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/psychology-major-ba>) for special opportunities.