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2015

# Behavioral Neuroscience

Nova Southeastern University

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# Behavioral Neuroscience

## BACHELOR OF SCIENCE



### Where It Can Take You

As a graduate of this program, you're ready for advanced study of psychology, pharmacology, medicine, and neurobiology. With many choices ahead of you, career options include physician, researcher, cognitive or behavioral psychologist, audiologist, and speech or physical therapist.

### Become a Leader

artificial intelligence researcher  
audiologist  
biochemist  
counselor/therapist  
neuroscientist  
pharmacist, pharmacologist  
physical therapist  
physician, physician assistant  
professor, instructor, lecturer, teacher  
psychiatrist, psychiatric technician  
psycho-linguist  
psychologist  
research scientist, research associate,  
research assistant, research  
technician  
speech therapist

### Learn More

[www.psychology.nova.edu](http://www.psychology.nova.edu)

## B.S. in Behavioral Neuroscience

What could be more fascinating than how the brain controls behavior, thought, and emotion? Focus your studies on the brain to learn about the organization and function of the nervous system, from the molecular to the behavioral level. This program prepares you to enter careers in neuroscience, research, pharmacy, psychology, medicine, computational modeling, and other in-demand fields.

### What You'll Study

You'll investigate the brain's connection to memory, sleep, perception, balance, and mental illness. After covering many of these fields, a senior seminar in behavioral neuroscience ties together the major's multidisciplinary nature.

### How You'll Learn More

Our professors are experts in the related fields of biology, psychology, and chemistry. You'll have the chance to study and work alongside them—and the college's graduate students—in our labs and clinics. Your joint research could be presented at national conferences.

### Unique Opportunities

- local, national conferences: attend or present your original research
- psychology graduate research series: attend presentations by students in the college's master's and doctoral programs
- national honor societies: join based on your academic achievement
- distinguished speakers series: attend discussions by renowned authors, scientists, political figures, and artists



# Behavioral Neuroscience

BACHELOR OF SCIENCE

## Behavioral Neuroscience Major Curriculum 2015–2016

Students are required to complete 30 credit hours as part of the General Education Program.

### BEHAVIORAL NEUROSCIENCE MAJOR REQUIREMENTS (57 CREDITS)

#### Required Courses (45 credits) Credits

BIOL 1500	Biology I/Lab	4
BIOL 4340	Cellular and Molecular Biology	3
CHEM 1300	General Chemistry I/Lab	4
<b>OR</b>		
CHEM 1300H	General Chemistry I/Lab Honors	4
CHEM 1310	General Chemistry II/Lab	4
<b>OR</b>		
CHEM 1310H	General Chemistry II/Lab Honors	4
MATH 2100	Calculus I OR MATH 2100H Calculus I Honors	4
NEUR 2500	Introduction to Neuroscience/Lab	4
NEUR 2600	Introduction to Neuroanatomy	3
NEUR 2700	Research Methods and Data Analysis in Behavioral Neuroscience/Lab	4
NEUR 3000	Behavioral Genetics	3
NEUR 4880	Senior Seminar in Behavioral Neuroscience	3
PSYC 1020	Introduction to Psychology	3
<b>OR</b>		
PSYC 1020H	Introduction to Psychology Honors	3

Select 6 credits from the following courses:

NEUR 3100	Developmental Neuroscience	3
NEUR 3200	Drugs and the Brain	3
NEUR 4100	Neurobiology of Disease	3
NEUR 4990	Independent Study in Neuroscience	1–3

#### Major Electives (12 credits)

Credits

Select 12 credits from the following courses:

BIOL 4200	Neurobiology	3
CHEM 3650	Biochemistry/Lab	4
PHIL 3180	Biomedical Ethics	3
<b>OR</b>		
PHIL 3180H	Biomedical Ethics Honors	3
<b>OR</b>		
PHIL 3220	Philosophy of Science	3
PHYS 2350	Physics I/Lab	4
PHYS 2360	Physics II/Lab	4
PSYC 3900	Neuropsychology	3
PSYC 3920	Sensation and Perception	3
PSYC 4300	Psychophysiology	3
PSYC 4400	Hormones and Behavior	3

This publication should not be viewed as a substitution for official program requirements and outcomes. A student is responsible for meeting the curriculum and program requirements in the *Undergraduate Student Catalog* that are in effect when the student enters the program.

Nova Southeastern University admits students of any race, color, sexual orientation, and national or ethnic origin. ■ Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate's, baccalaureate, master's, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University. 09-083-15\_48MCS

## Admissions

3301 College Avenue  
Fort Lauderdale, Florida 33314-7796  
[www.nova.edu/admissions](http://www.nova.edu/admissions)  
(954) 262-8000 • 800-338-4723  
[admissions@nsu.nova.edu](mailto:admissions@nsu.nova.edu)

