

FLORIDA ATLANTIC UNIVERSITY
Department of Psychology Undergraduate Degree Program Information
B.S. in Neuroscience & Behavior (major requirements listed below are effective Spring 2015)
www.psy.fau.edu

DEGREE REQUIREMENTS FOR THE B.S. IN NEUROSCIENCE & BEHAVIOR:

Minimum of 120 Credit Hours Required

The Neuroscience & Behavior Degree Program is designed to provide the type of undergraduate preparation necessary for students who are interested in pursuing graduate degrees in psychobiology, neuroscience, and/or behavioral biology, or in pursuing professional degrees in medicine or veterinary medicine.

I. CORE REQUIREMENTS: (58 credit hours required)

BCH 3033	Biochemistry I	3	CHM 2211L	Organic Chemistry II Lab	2
BSC 1010	Biological Principles	3	Math through Calculus (MAC 2233, 2241, 2242, 2281, 2282, 2311, 2312, or 2313)		3
BSC 1010L	Biological Principles Lab	1	PCB 3063	Genetics	4
BSC 1011	Biodiversity	3	PHY 2048, 2049†	General Physics I <u>and</u> II†	8
BSC 1011L	Biodiversity Lab	1	OR		
CBH 4024	Comparative Animal Behavior	3	PHY 2053, 2054†	College Physics I <u>and</u> II†	8
CHM 2045	General Chemistry I	3	PSB 3002	Biological Bases of Behavior I	3
CHM 2045L	General Chemistry I Lab	1	PSY 1012	General Psychology	3
CHM 2046	General Chemistry II	3	PSY 3213	Research Methods in Psychology	3
CHM 2046L	General Chemistry II Lab	1	PSY 3234	Experimental Design and Stat. Inf.	3
CHM 2210	Organic Chemistry I	3	STA 3163L	Intermediate Statistics Lab	1
CHM 2211	Organic Chemistry II	3			

†This degree program does not require that students take Physics lab courses, however, students who are considering medical school should take the lab sequences. Also, the Physics department may require labs as co-requisites for lecture courses. Additionally, eligible student are encouraged to take optional Directed Independent Study or Honors Thesis credits as a means of earning valuable research experience.

II. NEUROSCIENCE AND BEAVIOR ELECTIVES: In addition to the core requirements, students need a minimum of 12 credit hours of elective credits in the major. Students are free to choose their elective courses from those listed below. Special Topics laboratory courses with the words "Research in (neuroscience-related topic)" or "Laboratory in (neuroscience-related topic)" can be substituted for one elective course, with permission of the program coordinator.

EXP 4120	Auditory Perception	3	PSB 4006	Biological Bases of Behavior II	3
EXP 4204	Human Perception	3	PSB 4240	Neuropsychology	3
EXP 4304	Motivation	3	PSB 4323	Human Psychophysiology	3
OCB 4043	Marine Biology	2	PSB 4444	Psychopharmacology	3
OCB 4043L	Marine Biology Lab	2	PSB 4504	Developmental Psychobiology	3
PCB 3703	Human Morph. & Function 1	3	PSB 4810	Neurobiology Learning & Memory	3
PCB 3703L	Human Morph. & Function 1 Lab	1	*PSB 4833	Biopsychology of Language	3
PCB 3704	Human Morph. & Function 2	3	PSB 6515	Developmental Neurobiology	3
PCB 3704L	Human Morph. & Function 2 Lab	1	PSBL 3002	Computer Lab in Psychobiology	3
PCB 4023	Molecular & Cell Biology	3	*PSBL 4004	Lab in Psychobiology	3
PCB 4043	Principles of Ecology	3	ZOO 2203	Invertebrate Zoology	3
PCB 4414C	Behavioral Ecology	4	ZOO 2203L	Invertebrate Zoology Lab	2
PCB 4674	Evolution	3	ZOO 4402	Funct. Biol. Marine Animals	3
PCB 4723	Comparative Animal Physiology	3	ZOO 4402L	Funct. Biol. Mar. Anim. Lab	1
PCB 4723L	Comparative Animal Physiol. Lab	1	ZOO 4473	Ornithology	2
PCB 4842	Cell Neuroscience & Disease	3	ZOO 4473L	Ornithology Lab	2
PCB 4843C	Practical Cell Neuroscience	3	ZOO 4690	Compar. Vertebrate Morph.	3
			ZOO 4690L	Compar. Vertebrate Morph Lab	2

Academic Advising:

Boca Raton Campus: ALL undergraduate academic advising for neuroscience and behavior students will be handled by the staff of the Student Services Office for the Charles E. Schmidt College of Science. This advising will address the requirements for the major as well as for the other general graduation requirements that must be completed. The Student Services Office is located in the Science and Engineering Building (SE) in room 308. Students can arrange for an advising appointment with the staff in that office by logging into the Starfish system online. Students needing further assistance can contact the office by telephone at 561-297-3700. Psychology and Biological Sciences department faculty (on all campuses) are available to students for guidance in career choices, graduate training, research opportunities, information about specific sub-disciplines within the field, etc. Undergraduate students are strongly encouraged to seek out a faculty mentor to complement the comprehensive academic planning that is offered via the College of Science's Student Services Office.

Other Campuses: Advising on the *Davie* campus is provided by the Academic Coordinator in the Davie Student Services Office at (954) 236-1103. Advising on the *MacArthur* campus in *Jupiter* is conducted by Academic Advising and Services at (561) 799-8697 or (561) 799-8698.

*Select courses preceded by an asterisk are expected to be dropped from the catalog offerings in the next year.

(Rev. 09/2015)