

Catalog Entry

Elective Requirements

Students are expected to complete a minimum of 12 credits of elective courses. 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.~~

Behavioral Neuroscience		
Cognition	EXP 3505	3
Auditory Perception	EXP 4120	3
Human Perception	EXP 4204	3
Practical Cell Neuroscience	PCB 4843C	3
Comparative Animal Physiology	PCB 4723	3
Comparative Animal Physiology Lab	PCB 4723L	1
Laboratory in Psychobiology	PSB 4004L	3
Biological Bases of Behavior II	PSB 4006	3
Neuropsychology	PSB 4240	3
Human Psychophysiology	PSB 4323	3
Psychopharmacology	PSB 4444	3
Developmental Psychobiology	PSB 4504	3
Neurobiology of Learning and Memory	PSB 4810	3
Biopsychology of Language	PSB 4833	3
Special Topics*	BSC 4930	1-3
Special Topics*	PSY 4930	1-3
Special Topics in Neuroscience and Behavior*	PSB 4930	1-3
Developmental Neurobiology	PSB 6515	3
Principles of Human Neuroanatomy	ZOO 4742	3
Directed Independent Research**	PSB 4915	1-3
Directed Independent Research**	PSB 4917	0-3

Cellular Molecular Neuroscience		
Biochemistry***	BCH 3033	3
Organic Chemistry Lab****	CHM 2211L	2
Cellular Neuroscience and Disease	PCB 4842	3
Practical Cell Neuroscience	PCB 4843C	3
Human Morphology and Function 1	PCB 3703	3
Human Morphology and Function 1 Lab	PCB 3703L	1
Human Morphology and Function 2	PCB 3704	3
Human Morphology and Function 2 Lab	PCB 3704L	1
Cell Biology	PCB 3023	3
Comparative Animal Physiology	PCB 4723	3
Comparative Animal Physiology Lab	PCB 4723L	1
Neurobiology of Learning and Memory	PSB 4810	3
Special Topics*	BSC 4930	1-3
Special Topics*	PSY 4930	1-3

Special Topics in Neuroscience and Behavior*	PSB 4930	1-3
Directed Independent Research**	PSB 4915	1-3
Directed Independent Research**	PSB 4917	0-3

<i>Ethology/Comparative Psychology</i>		
Psychology of Motivation	EXP 4304	3
Marine Biology	OCB 4043	2
Marine Biology Field Studies and Lab	OCB 4043L	2
Principles of Ecology	PCB 4043	3
Evolution	PCB 3674	3
Comparative Animal Physiology	PCB 4723	3
Comparative Animal Physiology Lab	PCB 4723L	1
Computer Laboratory in Psychobiology	PSB 3002L	3
Laboratory in Psychobiology	PSB 4004L	3
Developmental Psychobiology	PSB 4504	3
Invertebrate Zoology	ZOO 2203	3
Invertebrate Zoology Lab	ZOO 2203L	2
Functional Biology of Marine Animals	ZOO 4402	3
Functional Biology of Marine Animals Lab	ZOO 4402L	1
Ornithology	ZOO 4472	2
Ornithology Lab	ZOO 4472L	2
Vertebrate Structure Development and Evolution	ZOO 4690	3
Vertebrate Structure and Development Lab	ZOO 4690L	2
Special Topics*	BSC 4930	1-3
Special Topics*	PSY 4930	1-3
Special Topics*	PSB 4930	1-3
Directed Independent Research**	PSB 4915	1-3
Directed Independent Research**	PSB 4917	0-3

(1) * Applies to Special Topics courses that are relevant to the neurosciences. Interested students should confirm with the B.S. degree program faculty advisors.

** Maximum of 3 credits of Directed Independent Research may be counted as an elective for the major.

(2) *** CHM 2210 and CHM 2211 are prerequisites for BCH 3033.

(3) **** CHM 2210 is a prerequisite for CHM 2211L.