## **NEUROSCIENCE, BS**

The Neuroscience, BS uses a multidisciplinary team of faculty from different departments to create a degree that examines the functional and anatomical mechanisms underlying the brain. This program provides a unique opportunity for students to develop skills and knowledge that will prepare them for diverse and competitive graduate programs focused on biological aspects of psychology and behavior, and also prepare them for careers in health-related sciences in general. The Neuroscience, BS will provide students with extensive opportunity to participate in neuroscience research and gain research experience. The Neuroscience, BS is a multi-disciplinary major, offering training in different aspects of Neuroscience including social, cognitive, and affective neuroscience, cellular neuroscience, neuroanatomy, neurological and psychiatric disorders, and the neurobiological mechanisms of learning, memory and cognition.

## Code and Title

Hours

PY 101 orIntro To Psychology3PY 105Honors Intro Psychology3PY 211Elem Statistical Methods3BSC 215Human Anatomy & Physiology I4BSC 220Biol Evol3PY 353General Experimental Psych3PY 353Bio Basis of Psych Disorders3PY 413Physiological Psych3PY 413Physiological Psych3PY 413Physiological Psych3Sol-level Electives9Select any 3 courses:9PY 352Developmental Psych5PY 352Developmental Psych5BSC 300Cell Biology5ANT 312Non-Human Primates5CD 352Neuro for CD5PY 376Behavioral Medicine9-10Select any 3 courses.9-10Select any 3 courses.9-10Select any 3 courses.9-10PY 470Intro Cognitive Psychlgy (Select any 3 courses:)ANT 474Neuroanthropology5BSC 426Computational Biology Lab5PHL 422Neuroethics5BSC 448Animal Behavior5CD 422Neurological Disorders5PHL 462Neuroimaging5Total HoursNeuroimaging5	Required Cou	Irses	
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BSC 220 Biol Evol 3 PY 355 General Experimental Psych 3 PY 353 Bio Basis of Psych Disorders 3 PY 381 Cognitive Neuroscience 3 PY 413 Physiological Psych 3 Tredit Hours Subtotal: 25 <b>300-level Electives 9</b> Select any 3 courses: PY 352 Developmental Psych 9 Select any 3 courses: PY 352 Developmental Psych 3 BSC 300 Cell Biology ANT 312 Non-Human Primates CD 352 Neuro for CD PY 313 Sensation and Perception PY 376 Behavioral Medicine 9 <b>400-level Electives 9-10</b> Select any 3 courses. PY 470 Intro Cognitive Psychlgy (Select any 3 courses:) ANT 474 Neuroanthropology BSC 426 Computational Biology Lab PHL 422 Neuroethics BSC 448 Animal Behavior CD 422 Neurological Disorders PHL 462 Neural Basis of Consciousness BEP 480 Neuroimaging	PY 211	Elem Statistical Methods	3
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	PHL 462	Neural Basis of Consciousness	
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