Undergraduate Neuroscience Courses

NRSC 2345. Biological Psychology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).
An introductory course in the biological and neuroscientific basis of behavior with emphasis on how the brain influences behavior. The basic chemical, electrical, and functional components of the nervous system that influence behaviors, cognition, and emotion will be examined. Prerequisite: PSYC 2301.

NRSC 3332. Neuropsychopharmacology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).
A study of the neuroscientific basis of the effects of drugs on behavior. Emphasis will be placed on major antipsychotic, antianxiety, and antidepressant drugs and their clinical use and side effects. Drug abuse such as alcohol, marijuana, and cocaine will also be reviewed. Prerequisite: PSYC 2301 AND 8 hours of lab science.

NRSC 4303. Animal Behavior. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).
A survey of the major areas of animal behavior research from a psychological perspective. Research examining the development and display of behaviors will include subject samples ranging from insects to humans conducted in natural, quasi-experimental, and experimental studies. Prerequisite: PSYC 2301 AND 8 hours of lab science.

NRSC 4312. Behavioral Neuroscience. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).
Surveys the biological basis of behavior. Includes an in-depth examination of the physical structure of the human body and the role of chemical and electrical operations within it and how it influences psychological functioning. Emphasis will be placed on the developmental, cognitive, affective and behavioral effects of such operations. Recent research will also be reviewed. Prerequisite: PSYC 2301, 8 hours of lab science (preferably BIOL).