

PSYCHOBIOLOGY (PSB)

PSB 3444 - Drugs and Behavior (3 Credits)

The course is a basic introduction to psychoactive drugs and their effects on behavior and consciousness. Legal and legally restricted drugs with both medicinal and recreational uses are discussed in terms of their impacts on the individual user and society.

Prerequisite(s): PSY 2012

PSB 3582 - Evolutionary Psychology (3 Credits)

This course provides students with a detailed and thorough examination of the impact of evolution on human behavior and mental processes.

Prerequisite(s): PSY 2012

PSB 4002 - Brain & Behavior (3 Credits)

Gross/cellular neural and physiological components of behavior.

Structure and function of the central and peripheral nervous systems and theories of brain functions.

Prerequisite(s): PSY 2012 and (PSY 3213 or PSY 3017) and (STA 2122 or PSY 3205) and (BSC 1010C or (BSC 1010 and BSC 1010L) or (BSC 1011 and BSC 1011L) or BSC 1020C)

PSB 4342 - Vision Science (3 Credits)

The unified study of biological vision using approaches from psychology, neuroscience and computational modeling.

Prerequisite(s): PSY 2012 or PSY 3213

PSB 4344 - Cognitive Neuroscience (3 Credits)

An interdisciplinary survey of the neural basis of cognitive functions and processes, including perception, attention, memory, and language. Exploration of scientific methods used to study how the brain supports cognition and behavior.

Prerequisite(s): PSY 2012 and (PSY 3205 or STA 2122)

PSB 4434 - Neurochem, Pharmacol, & Behav (3 Credits)

The action of neurotransmitters, neuromodulators, and neuroactive drugs on behavior.

Prerequisite(s): PSY 2012 and (PSY 3213 or PSY 3017) and (STA 2122 or PSY 3205) and PSB 4002

Attribute(s): PSYE - Psych Restrict Electives