

WILMINGTON UNIVERSITY
COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES
BASIC COURSE INFORMATION

COURSE TITLE: The Biological Basis of Behavior

COURSE NUMBER: PSY 334

I. COURSE DESCRIPTION:

This course focuses on the biological systems that impact human behavior. Special attention is given to the parts of the brain, hormones, and neurochemistry of behavior, as well as drugs that affect behavior. Additional topics include illness; abnormality or defects that affect behavior; applications of knowledge to understanding of common behaviors; and implications of this information for treatment, prevention, remediation, and common research methodologies. Evolutionary considerations are also an important focus of this course.

II. MAJOR INSTRUCTIONAL GOALS:

GOAL A:

The student will demonstrate an understanding of the bio-psychological systems that affect behavior.

Learning Outcomes: The student will be able to:

- A-1 Identify structure and parts of the brain.
- A-2 Identify parts of the neuron.
- A-3 Elaborate upon the steps in the process of sensation.
- A-4 Describe the impact on defects of sensory process.
- A-5 Describe the implications of pleasure seeking behavior.
- A-6 Describe the implications of new technologies that extend human capabilities.
- A-7 Elaborate upon the steps involved in coordination and movement and the implications for work and sports performance.
- A-8 Elaborate upon the steps in ingestion - satiation behaviors (eating & drinking).

- E-1 Discuss the implications of scientific knowledge on the different levels of human organization including the individual, the family, organizations and businesses, community and society.
- E-2 Discuss the impact or lack of impact of scientific knowledge on state, national, global government and organizational policy.

GOAL F:

Understand the neurobiology of trauma and the implication it has for understanding the thoughts, feelings, and behaviors of children and adults.

Learning Outcomes: The student will be able to: