



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

PSY3710 Biological/Physiological Psychology I
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Assess the biological foundations of behavior.
 - a. Examine the structures and functions of the brain and nervous system.
 - b. Identify specific brain structures and their functions.
 - c. Describe the messaging process of neurotransmitters.
Investigate how biochemical and electrical processes influence thoughts, emotions, and behavior.
2. Describe the transmission and function of neural signals by neurons.
 - a. Examine the role of hormones on brain function and the resulting effects.
3. Examine the evolution and development of the nervous system.
 - a. Identify the evolution of human versus nonhuman brains/nervous systems, and the resulting impacts on thoughts and behavior.
 - b. Examine the development of the brain and nervous system across the lifespan.
 - c. Discuss various theories and methods used to study brain structure and function.
4. Compare and contrast normal and abnormal functioning as it relates to the nervous system, brain, biochemical, and electrical processes in the body.
 - a. Examine the role of neurotransmitters in the etiology of normal and abnormal behaviors.
 - b. Compare various theories and methods used to study normal and abnormal brain functioning.
5. Investigate how sensory receptors and the brain function together to process sensory information.
 - a. Examine the functional organization of the sensory system.
 - b. Identify the specific structures of the sensory system and their function.
6. Explore the role of the nervous system as it relates to motor control and brain plasticity.
 - a. Identify key brain structures and functions in motor control.
 - b. Describe the process of neural development in plasticity.
7. Communicate using the standards and guidelines established for the profession.
 - a. Develop APA formatting skills by incorporating proper APA format, in text citations, and references in written assignments.
 - b. Demonstrate effective writing and/or presentation skills for different purposes.

These SLOs are approved for experiential credit.

Effective: Fall 2020