



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

PSY3720 Biological/Physiological Psychology II
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Investigate the physiological basis of sensation and perception. (APA 1.2a)
 - a. Describe the biological structures and functions associated with vision.
 - b. Describe the biological structures and functions associated with taste.
 - c. Describe the biological structures and functions associated with smell.
 - d. Describe the biological structures and functions associated with hearing.
 - e. Discuss the role of the vestibular system in the perception of movement and equilibrium.

2. Examine the evolutionary, hormonal and neural bases of sexual behavior. (APA 1.3B)
 - a. Describe the role of hormones in sexual behavior of humans.
 - b. Discuss the reproductive system as a biological function of life.
 - c. Compare normal and abnormal sexual behavior in humans.
 - d. Review theories and models of sexual disorder. (APA 1.1A)

3. Investigate how the brain regulates biorhythms and homeostasis. (APA 1.3B)
 - a. Discuss the role of biorhythms and homeostasis in weight management.
 - b. Examine the role of homeostasis in survival.
 - c. Review the impact of sleep deprivation on long-term health.

4. Analyze how brain functioning influences and affects emotion. (APA 1.3B)
 - a. Compare relevant theories on emotion.
 - b. Describe how abnormal function and structure influences emotion.
 - c. Discuss the physiological response system to stress.

5. Examine how irregularities in biological structures or processes can contribute to the development and persistence of psychopathology. (APA 1.3B)
 - a. Describe abnormal brain process and function and the effect on behavior.
 - b. Review psychological disorders and their biological etiology. (APA 1.3c)

6. Examine biological structures and physiological basis of cognitive functions. (APA 1.3B)
 - a. Discuss specific diseases and disorders that affect cognitive functions.
 - b. Describe the process of language development. (APA 1.1a)
 - c. Describe how learning and memory occurs. (APA 1.1a)

- d. Identify specific brain functions involved in cognitive functioning.
 - e. Discuss the role of attention on cognitive functioning. (APA 1.1a)
7. Communicate using the standards and guidelines established for the profession. (APA 4.1)
- a. Develop APA formatting skills by incorporating proper APA format, in text citations, and references in written assignments. (APA 4.1d)
 - b. Demonstrate effective writing and/or presentation skills for different purposes. (APA 4.1D; 4.2b)

Note: Each SLO/EO is aligned to the American Psychological Association (APA) guidelines for undergraduate learning outcomes.

These SLOs are not approved for experiential credit.

Effective: Spring 2021