

PSYC325

STUDENT WARNING: This course syllabus is from a previous semester archive and serves only as a preparatory reference. Please use this syllabus as a reference only until the professor opens the classroom and you have access to the updated course syllabus. Please do NOT purchase any books or start any work based on this syllabus; this syllabus may NOT be the one that your individual instructor uses for a course that has not yet started. If you need to verify course textbooks, please refer to the online course description through your student portal. This syllabus is proprietary material of APUS.

Course Summary

Course : PSYC325 **Title :** Biopsychology

Length of Course : 8

Prerequisites : CHFD342 **Credit Hours :** 3

Description

Course Description: This course surveys anatomical structures and functioning as the biological bases for human functioning and psychological states. Topics investigated include sensory processing, movement, emotional expression, sleep, learning, memory, language, reproduction and psychopathology

Course Scope:

PSYC325 provides students with a broad outlook of the field of biopsychology, an integrated discipline that draws together information from other areas of neuroscience, such as neuroanatomy, neurochemistry, neuroendocrinology, neuropathology, neuropharmacology, and neurophysiology.

Objectives

CO1: Identified the anatomical underpinnings of human mental functioning

CO2: Examined the dynamic interaction between genetics and environment and human behavior and psychological states.

CO3: Identified sound practices for studying the relationship between human physiology, behavior and psychological functioning.

CO4: Articulated in writing the results of a review of scientific literature focused on the physiological bases for treating psychopathologies.

Outline

Week 1: Neurons, the brain and biological psychology. The role of genes in human behavior.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Required Readings

Chapter 1: Biopsychology as a Neuroscience

Chapter 2: Evolution, Genetics, and Experience

Chapter 3: Anatomy of the Nervous System

Assignments

Week 1 Forum

Week 1 Quiz

Week 2: The biological basis of mental illness. The biopsychological perspective of drugs and addiction.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Required Readings

Chapter 15: Drug Addiction and the Brain's Reward Circuits

Chapter 17: Biopsychology of Emotion, Stress, and Health

Chapter 18: Biopsychology of Psychiatric Disorders

Assignments

Week 2 Forum

Week 2 Quiz

Week 3: The visual system, its physiology and limitations.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Articulate in writing the results of a review of scientific literature focused on the physiological bases for

treating psychopathologies.

Required Readings

Chapter 6: The Visual System

Chapter 8: The Sensorimotor System

Assignments

Week 3 Forum

Week 3 Quiz

Paper Preparation Assignment

Week 4: Hunger regulation, hormones and sex.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify how the brain communicates and its relationship to behavior and psychological functioning.

Required Readings

Chapter 12: Hunger, Eating, and Health

Chapter 13: Hormones and Sex

Assignments

Midterm Exam

Week 5: Memory

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Required Readings

Chapter 11: Learning, Memory, and Amnesia

Chapter 16: Lateralization, Language, and the Split Brain

Assignments

Week 5 Forum

Week 5 Quiz

Week 6: Sleep and circadian rhythms.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Required Readings

Chapter 14: Sleep, Dreaming, and Circadian Rhythms

Assignments

Week 6 Forum

Week 6 Quiz

Week 7: Drugs and addiction in addition to degenerative diseases of the brain.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.

Articulate in writing the results of a review of scientific literature focused on the physiological bases for treating psychopathologies.

Required Readings

Chapter 15: Drug Addiction and the Brain's Reward Circuits

Chapter 10: Brain Damage and Neuroplasticity

Assignments

Week 7 Forum

Week 7 Course Paper

Week 8: Biopsychology of emotion, stress, and health and Consolidation of course learning.

Learning Outcomes

Explore the anatomical underpinnings of the psychological study of human physiology and behavior.

Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.

Identify sound practices for studying the relationship between human physiology, behavior and psychological

functioning.

Required Readings

Chapter 17: Biopsychology of Emotion, Stress, and Health

Assignments

Week 8 Forum

Final Exam

Evaluation

Quizzes

These open-book, untimed tests sample assigned reading material. They can be entered multiple times but submitted only once.

Forums

Students will engage in dialogs with classmates and the course instructor on interactive threaded forums. A substantive "initial" post in response to instructor posted topical and general instructions on the forums is required as are a minimum of two replies to classmates' initial posts. Detailed instructions, including minimum length and source crediting requirements are on each forum

Midterm Exam

This open-book, untimed multiple choice and short essay exam to assess the students' ability to synthesize and apply material presented during the first half of the course.

Final Exam

This open-book, untimed multiple choice and short essay exam to assess the students' ability to synthesize and apply material presented during the second half of the course.

Course Paper Preparation Assignment

This assignment requires the identification of the Final Integration Paper topic, a thesis statement, and an annotated bibliography.

Course Paper

This assignment requires synthesis of course information related to a student selected topic of interest and supporting scholarly research article summaries. Detailed instructions are located in the classroom Assignments folder.

Academic Integrity and Plagiarism: All written assignments must be in the student's own words, with content based on published materials paraphrased or quoted if used verbatim, source cited and referenced correctly per formatting rules of the American Psychological Association (APA) 6th edition. Any direct quotes of published material, which must be used very sparingly, must be placed inside quotation marks with a source credit immediately following.

Failure to do the above constitutes plagiarism, which, if found in papers, essay tests or forum posts, will result in a zero score, with no option for rewriting and resubmitting to recoup lost point, and a report sent to the Registrar's Office.

Grading:

Name	Grade %
Forums	32.00 %
Week 1 Forum	4.00 %

Week 2 Forum	4.00 %
Week 3 Forum	4.00 %
Week 4 Forum	4.00 %
Week 5 Forum	4.00 %
Week 6 Forum	4.00 %
Week 7 Forum	4.00 %
Week 8 Forum	4.00 %
Paper	30.00 %
Week 3 Course Paper Preparation Assignment	10.00 %
Week 7 Final Paper	20.00 %
Quizzes	8.00 %
Quiz Five Week six	1.60 %
Quiz Four Week Five	1.60 %
Quiz 3	1.60 %
Quiz 2	1.60 %
Quiz 1	1.60 %
Exams	30.00 %
Midterm Exam	5.00 %
Final Exam	5.00 %
Week 4 Midterm Essay Exam	10.00 %
Week 8 Final Essay Exam	10.00 %

Materials

Book Title: Biopsychology, 9th ed. - The VitalSource e-book is provided via the APUS Bookstore

Author: Pinel

Publication Info: Pearson

ISBN: 9780205915576

Book Title: You must validate your cart to get access to your VitalSource e-book(s). If needed, instructions are available here - <http://apus.libguides.com/bookstore/undergraduate>

Author: N/A

Publication Info: N/A

ISBN: N/A

Course Guidelines

Citation and Reference Style

- Students will follow APA format as the sole citation and reference style used in written assignments submitted as part of coursework in the Psychology Department.
- Please note that no formal citation style is graded on forum assignments in the School of Arts &

Humanities—only attribution of sources (please see details regarding forum communication below).

Tutoring

[Tutor.com](https://www.tutor.com) offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

School of Arts & Humanities Late Policy

Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. As adults, students, and working professionals, we understand you must manage competing demands on your time. Should you need additional time to complete an assignment, please contact your instructor before the due date so you can discuss the situation and determine an acceptable resolution.

Work posted or submitted after the assignment due date will be reduced by 10% of the potential total score possible for each day late up to a total of five days, including forum posts/replies, quizzes/tests, and assignments. Beginning on the sixth day late through the end of the course, late work, including forum posts/replies, quizzes/tests, and assignments, will be accepted with a grade reduction of 50% of the potential total score earned.

Turn It In

Assignments are automatically submitted to Turnitin.com within the course. Turnitin.com will analyze an assignment submission and report a similarity score. Your assignment submission is automatically processed through the assignments area of the course when you submit your work.

Academic Dishonesty

Academic Dishonesty incorporates more than plagiarism, which is using the work of others without citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com or Scribd. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc.) and submission file type (such as .docx, .pdf, etc.). See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.
- It is the student's responsibility to ensure the all submitted work can be accessed and opened by the instructor.

Disclaimer Statement

Course content may vary from the outline to meet the needs of a particular group or class.

Communicating on the Forum

- Forums are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive comments will receive credit. Although there is a final posting day/time after which the instructor will grade and provide feedback, you are strongly discouraged from waiting until the due date to contribute your comments/questions on the

forum. The purpose of the forums is to actively participate in an on-going discussion about the assigned content.

- “Substantive” means comments that contribute something new and important to the discussion. Thus a message that simply says “I agree”, even if wordy and thus, meets the length requirement, is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each other as colleagues. Hateful, aggressive, or hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.
- Students must post a response to the weekly forums prompt and post the required number of replies to other students – refer to the grading rubric and/or forum instructions for specific expectations on number of replies and word count requirements.

Quizzes and Exams

Quizzes and exams may consist of true/false, multiple choice, and short essay questions. Each quiz/exam is accessible only once. Once a quiz/exam is accessed, you will not be able to access it again if you disconnect. Therefore, allocate time to complete your assessments.

University Policies

[Student Handbook](#)

- [Drop/Withdrawal policy](#)
- [Extension Requests](#)
- [Academic Probation](#)
- [Appeals](#)
- [Disability Accommodations](#)

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