





Home

Welcome to PSY 3322: Brain and Behavior!



-  Start Here
-  Syllabus
-  Modules
-  Pacing Guide

Course Overview/Description

This course covers research findings and theoretical concepts concerned with the physiological, anatomical, and pharmacological bases of behavior. Topics include sensory systems, the physiological mechanisms of motivation, and the physiological correlates of associate processes such as learning.

Prerequisite: [PSY 1300](#) with a grade of "C" or better.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

Course Learning Outcomes

After completing this course, students will demonstrate ability to:

1. Identify historical origins of biological psychology as a scientific discipline.
2. Analyze methods used to examine relationships between the nervous system and behavior.
3. Examine anatomy and physiology of the nervous system and related biological processes.

Course Instructor

Dr. Mais Aljunaidy

✉ Email: jrt217@txstate.edu ; mais.aljunaidy@txstate.edu

Ready to begin?

Click [Start Here](#) in the navigation bar above to begin your course.

Returning to this course?

Click [Modules](#) in the navigation bar above or in the left-hand course navigation and resume where you left off.

Questions about the course?

You are encouraged to contact your instructor, if you have any concerns, questions, or problems.

Please, always contact me through my email: mais.aljunaidy@txstate.edu, but not through the mail on Canvas.

To ensure timely delivery of all e-mails related to this course, you must use your official Texas State Bobcat Mail email address.

You may contact Online and Extended Problems using the email address provided.

✉ Email: corrstudy@txstate.edu



Start Here

Overview



Introduction

Welcome to the Start Here module! This module is designed to provide you with essential information and resources to help you navigate successfully through this correspondence course. From accessing course materials to understanding the grading system, this module will equip you with the tools and knowledge you need to succeed. Read through this module carefully and let's dive in and get started on your path to learning and achievement!



Objectives

By the end of this module, students will be able to:

1. Access course materials to support their academic success.
2. Identify key points of information about this correspondence course.



Assignments

- Course Pacing Guide (Due within 2 weeks of your course start date)
- Start Here Module Quiz

Correspondence Course Information

As a correspondence studies student, it is your responsibility to be familiar with correspondence-related policies and services. To this end, I encourage you to review the [Correspondence Course Information page](#) as well as the [Correspondence Studies website](#).

Orientation Video

Please view [this orientation video](#) to help you get started in this correspondence course. This video addresses many topics such as Bobcat Mail, navigating this course site, test requests, and more.

Online Student Resources

[This webpage](#) contains multiple resources for online students at Texas State University. Note: Some resources are only available to students who pay a student service fee.

Technical Requirements and Support

This online course requires technical skills and access to certain technology and software that face-to-face courses may not require.

- Learn about [skills and technology](#) you need to be successful in this course. Also review these [tips](#) and [interaction guidelines](#) to be a successful online learner.

Many users encounter fewer problems when they **use Chrome** to access **Canvas courses**.

Here's how to **get help with Canvas**:

- 24/7 [Live chat](#)
- 24/7 Phone support: 245.ITAC (4822)
- [Tool-specific help](#)
- Click Help in the left navigation of any Canvas course

Free Tutoring Resources

A variety of [free tutoring resources](#) are available for students enrolled in Texas State correspondence courses.



The Office of Distance and Extended Learning

FREE TUTORING



University Writing Center

The Texas State University Writing Center's online tutoring service allows Texas State correspondence, self-paced study students, to work with a writing tutor in real time in an online environment. During the online tutorial, both the student and the tutor are

Academic Integrity

Texas State Academic Honor Code

The [Texas State Academic Honor Code](#) applies to all Texas State students, including correspondence students. The [Honor Code](#) serves as an affirmation that the University demands the highest standard of integrity in all actions related to the academic community. As stated in the [Texas State Student Handbook](#), [Violation of the Honor Code](#) includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials.

Definitions

As stated per [Texas State Honor Code, UPPS No. 07.10.01, Issue no. 8](#).

*Please note that not all activities that constitute academic misconduct are listed in specific detail in [UPPS No. 07.10.10, Honor Code](#). It is expected that students will honor the *spirit* of academic integrity and will not place themselves in the position of being charged with academic misconduct.

Please cite all unoriginal material through the use of [standard bibliographical practice](#) explained through the [Alkek library site](#).

Incidents of [academic dishonesty as outlined by the University](#) will be reported to the administration for disciplinary action. In addition, students will receive a 0 for the assignment or assignments without the opportunity to redo the work.

Academic work signifies outcomes and products such as essays, theses, reports, exams, tests, quizzes, problems, assignments, or other projects submitted for purposes of achieving learning outcomes.

Cheating in general means, but is not limited to, engaging or attempting to engage in any of the following activities:

- Copying from another student's test paper, laboratory report, other report, computer files, data listing, programs, or from any electronic device or equipment;

- Using, during a test, materials not authorized by the person giving the test;
- Collaborating, without authorization, with another person during an examination or in preparing academic work;
- Knowingly, and without authorization, using, buying, selling, stealing, transporting, soliciting, copying, or possessing, in whole or in part, the content of an unadministered test;
- Substituting for another student—or permitting another person to substitute for oneself—in taking an exam or preparing academic work;
- Bribing another person to obtain an unadministered test or information about an unadministered test;
- Purchasing, or otherwise acquiring and submitting as one's own work, any research paper or other writing assignment prepared by an individual or firm. This section does not apply to the typing of the rough or final versions of an assignment by a professional typist;
- Submitting the same essay, thesis, report, or another project, without substantial revision or expansion of the work, in an attempt to obtain credit for work submitted in a previous course;
- Falsifying data.

Plagiarism

in general means, but is not limited to, the appropriation of another's work and the inadequately or inappropriately acknowledged incorporation of that work in one's own written, oral, visual or the performance of an original act or routine that is offered for credit.

Collusion

in general means, but is not limited to, the unauthorized collaboration with another person in preparing any work offered for credit.

Abuse of resource materials

in general means, but is not limited to, the mutilation, destruction, concealment, theft or alteration of materials provided to assist students in the mastery of course content.

Please cite all unoriginal material through the use of [standard bibliographical practice](#) as explained on the [Alkek Library site](#).

Incidents of academic dishonesty as outlined by the University will be reported to the administration for disciplinary action. In addition, students will receive a 0 for the assignment or assignments without the opportunity to redo the work.

Notice of Intellectual Property Rights

The text and images on this page and pages linked to it are protected by [copyright](#). Lectures and examination questions are also protected by copyright law. You are authorized to take notes in class and to use the online.

materials provided, thereby creating derivative works from my lectures and other materials. However, this authorization extends only to making one set of notes or answers for your own personal use and no other use. You are not authorized to provide copies, notes or examination questions to anyone else, or to make any commercial use of them without prior written consent.

As stated per [Texas State Honor Code, UPPS No. 07.10.01, Issue no. 8.](#)

Students Requiring Accommodation Through the Office of Disability Services

The Office of Distance and Extended Learning is committed to helping students with disabilities achieve their educational goals.

A disability is not a barrier to correspondence study, and we provide reasonable accommodations to individuals in coursework and test taking.

Students who require special accommodations need to provide verification of their disability to the [Office of Disability Services](#), Suite 5-5.1 LBJ Student Center, 512.245.3451 (voice/TTY).

Students should then notify the [Office of Distance and Extended Learning](#) at corrstudy@txstate.edu of any disability-related accommodation needs as soon as possible to avoid a delay in accommodations.

Course Syllabus: Brain & Behavior (PSY 3322)

Instructor: Dr. Mais Aljunaidy

Email: mais.aljunaidy@txstate.edu

Communication Policy:

- Please, always contact me through my email: mais.aljunaidy@txstate.edu, but not through the mail on Canvas.

- Please, put “PSY 3322 - Correspondence course” in the subject line of emails to me.

Even though this is a correspondence course, you are encouraged to contact your instructor if you have any concerns, questions, or problems. Any email received between Monday morning and Friday at noon will usually receive a reply within 48 hours, except during holiday breaks or announced away times. Emails received between Friday at noon and Sunday night will usually receive a reply within 48 hours of the next business day. To ensure timely delivery of all e-mails related to this course, you must use your official Texas State Bobcat Mail student account.

Course Materials:

The following textbook is required: Brain & Behavior: An Introduction to Behavioral Neuroscience - 5th edition, Garrett & Hough, Sage Publishers.

How to study each module:

1. For each module start by listening to the video recording. The video recordings will give a brief idea about the module subject or explain some complicated aspects in the module. Those video recordings are not enough to prepare for the exams. But they are covering important aspects, so make sure you write your notes as you are going through the recorded lessons.
2. Once you are done with the video recording, read the checklist for each module carefully. Although studying the chapters in the textbook is required, those chapters are lengthy, and students can easily get lost in the details. The checklist for each module will guide your study of each chapter and tell you what you should focus on, and the information you should master before taking your exam.
3. After listening to the video recording and taking your notes, and after familiarizing yourself with the checklist, read the required chapter of the module. Highlight the important parts as you are studying and write your notes. Make sure you mastered everything mentioned in the checklist.
4. Do the recommended assignments and make sure you master the activities in them.
5. Take the “test your knowledge” ungraded quiz to check your performance before taking the graded comprehensive exam.

General Course Description:

Brain & Behavior provides an overview of the relationship between the nervous system and behavior. We will examine the basic structure and processes of the nervous system. Later, we will apply this information to basic human behaviors including sleep, learning, and eating, as well as behavioral dysfunctions associated with neurological disorders, schizophrenia, anxiety disorders, antisocial behavior, drug abuse, and more. Throughout, we will examine research supporting our current understanding of these phenomena.

Learning Objectives:

After completing this course, students will have mastery of:

- The historical origins of biological psychology as a scientific discipline.
- Methods used to examine relationships between the nervous system and behavior.
- The anatomy and physiology of the nervous system and related biological processes that give rise to human behavior, emotions, and cognition, both normal and disordered.

Exams & Grading:

The exam question format will be multiple choice questions. You will have 3 minutes per question, which means the overall exam time is 18 minutes for exams 1 & 13, and 24 minutes for the rest of the exams.

All the exams are open book / open notes.

- Comprehensive exam 01: 6 multiple choice questions (1 point each, total 6 points).
- Comprehensive exams 02-12: 8 multiple choice questions in each exam (8 point per exam, total 88 points).
- Comprehensive exam 13: 6 multiple choice questions (1 point each, total 6 points).

Total 100 points

Final Course Grades will be assessed as follows:

A = 89.5% - 100%

B = 79.5% - 89.4%

C = 69.5% - 79.4%

D = 59.5% - 69.4%

F = <59.4%

Academic Integrity and Plagiarism:

Academic dishonesty will not be tolerated. All forms of cheating, including collusion, violate the academic integrity policy at Texas State. Consequences for all forms of cheating will be in accordance with university policies.

Texas State's honor code. All students are required to abide by the Texas State University Honor Code. The pledge for students' states, "Students at our university recognize that, to ensure honest conduct, more is needed than an expectation of academic honesty, and we therefore adopt the practice of affixing the following pledge of honesty to the work we submit for evaluation: I pledge to uphold the principles of honesty and responsibility at our university."

Academic penalty: One or more of the following sanctions may be imposed in cases involving violation of academic honesty: (1) a requirement to perform additional academic work not required of other students in the course; (2) a reduction to any level of the grade in the course, or on the examination, or other academic work affected by violation of the Honor Code; and (3) a requirement to withdraw from the course with a grade of "F" or a "W".

Course Organization:

You have six months (approximately 24 weeks) to complete the course. You will be reading and learning information from 13 chapters, watching recorded lessons, taking test your knowledge quizzes, completing assignments, making sure you have mastered everything in the checklists, and taking exams.

Here is a suggested schedule for how to budget your time:

Week 1: Familiarize yourself with the syllabus and introductory materials.

Week 2: Study Module 01 and complete its exam.

Weeks 3 & 4: Study Module 02 and complete its exam.

Weeks 5: Study Module 03 and complete its exam.

Weeks 6 & 7: Study Module 04 and complete its exam.

Weeks 8 & 9: Study Module 05 and complete its exam.

Weeks 10 & 11: Study Module 06 and complete its exam.

Weeks 12 & 13: Study Module 07 and complete its exam.

Weeks 14 & 15: Study Module 08 and complete its exam.

Weeks 16 & 17: Study Module 09 and complete its exam.

Weeks 18 & 19: Study Module 10 and complete its exam.

Week 20: Study Module 11 and complete its exam.

Weeks 21 & 22: Study Module 12 and complete its exam.

Weeks 23 & 24: Study Module 13 and complete its exam.

Overview, Objectives, and Checklist



Introduction

What Is Behavioral Neuroscience?



Objectives

Upon completion of this module, you will be able to:

1. Recognize the contributions of philosophers, scientists, and physiologists to the development of behavioral neuroscience as a field of study. (CLO 1, 2)
2. Identify the relative contributions of genes and environment in the development of behavioral characteristics. (CLO 1, 2)
3. Determine the usefulness of the Human Genome Project. (CLO 1, 2)



Readings

Required

Video recording (Lesson 01) & Reading Chapter 01 in Garrett & Hough's Brain & Behavior: An Introduction to Behavioral Neuroscience - 5th edition (MLO 1, 2, 3)

Recommended

Use the checklist to guide your study of this module. (MLO 1, 2, 3)



Checklist

Once you are done with the video recording, read the checklist for each module carefully. Although studying the chapters in the textbook is required, those chapters are lengthy, and students can easily get lost in the details. The checklist for each module will guide your study of each chapter and tell you what you should focus on, and the information you should master before taking your exam.

- Due No due date
- Points 6
- Questions 6
- Time Limit 18 Minutes

Instructions

Module 01

Exam

This exam will cover the important concepts covered in this interactive module. It is graded, and your score will be shown in the grade book. Familiarize yourself with the exam format, read the questions carefully, manage your time effectively, review course material before you begin the exam to answer to the best of your ability, check your responses for errors, submit the exam within the allotted time, and review the feedback provided by your instructor afterward. Approach the exam with focus, draw upon your knowledge, and do your best to showcase your understanding of the subject matter.

Please choose the best answer for all the following questions.

[Take the Quiz](#)