

# Physiological Psychology

PSB 3002

Online-Asynchronous

Website: [UF Canvas LMS Course page](#)

Summer 2025

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## Instructor

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Office Hours: TBD and by appointment

## Course Description

This course is an introductory survey of neuroscience with special relevance to psychology. An overall goal of this course is to gain appreciation of many of the physiological processes that result in functions of the brain. With an exposition of the tools and perspectives of neuroscience, we will consider how molecular pathways and neural systems produce psychological phenomena. Finally, we will study the application of neuroscience to understand normal brain development, optimize personal wellbeing, and treat disruptions of brain function.

## General Education Objectives and Learning Outcomes

1. Understand how behavior relates to the structures and functions of the nervous system
2. Explore the mechanisms of sensation, homeostasis of internal states, and behavior
3. Survey mechanisms of functions of motor control, motivation, affect, and cognition
4. Examine how application of neuroscience principles and approaches contributes to remediation and enhancement of psychological well being
5. Investigate how disruptions of neural systems contribute to mental dysfunction

## Required Readings and Course Content

Carlson, N.R. and M.A. Birkett (2021). *Physiology of Behavior, 13th ed.* Pearson Education

Login with UF All-Access and Opt-In to gain access to textbook. Please note that this course participates in the UF All Access program (Required). Opt-In to gain access to your required course materials. Your course schedule at one.ufl.edu will direct you toward UF All Access, which will provide you with your required materials digitally at a reduced price and the ability to pay using your student account. All Access is available 1 week prior to semesters and ends 3 weeks after the first day of class.

## University of Florida General Education Courses

**A minimum grade of C is required for general education credit.**

As part of the general education curriculum, this class pursues 3 broad categories of student learning outcomes (SLOs):

Category	Institutional Definition	Institutional SLO
Content	Content is knowledge of terminology, concepts, methodologies, and theories used within the subject area.	Students demonstrate competence in terminology, concepts, methodologies, and theories used within the subject area.
Critical Thinking	Critical thinking is characterized by the comprehensive analysis of issues, ideas, and evidence before accepting or formulating an opinion or conclusion.	Students carefully and logically analyze information from multiple perspectives and develop reasoned solutions to problems within the subject area.
Communication	Communication is the development and expression of ideas in written and oral forms.	Students clearly and effectively communicate knowledge, ideas, and reasoning in written or oral forms appropriate to the subject area.

## Biological Sciences (B)

Biological science courses provide instruction in the basic concepts, theories and terms of the scientific method in the context of the life sciences. Courses focus on major scientific developments and their impacts on society, science and the environment, and the relevant processes that govern biological systems. Students will formulate empirically-testable hypotheses derived from the study of living things, apply logical reasoning skills through scientific criticism and argument, and apply techniques of discovery and critical thinking to evaluate outcomes of experiments.

This course is part of the Biological Sciences subject area, as described below. In 2023 the University of Florida updated its General Education designations to meet the requirements of State Statute 1007.25. The [general education subject area objectives](#) describe the context within which the student learning outcomes are achieved.

*“Natural Science courses must afford students the ability to critically examine and evaluate the principles of the scientific method, model construction, and use the scientific method to explain natural experiences and phenomena. There are two sub-designations under Natural Science at the University of Florida; Biological Sciences (B) & Physical Sciences (P)”*

## Course Policies

### Grades and Scores

(3) Exams 60%	(27) Quizzes 40%
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**GRADING:** All assessments in this course are on Canvas. Quizzes will count for a total of 40% of the final grade and will cover material in the sub-modules (i.e., multimedia lectures and chapter sections) for which the quiz is assigned. There are three exams. Each examination will address material from the course segment prior to the exam. The exams total to 60% of the final grade (i.e., 20% per exam).

## Grading Scale

Grades are assigned according to University of Florida guidelines ([Visit here for more information](#)).

<b>Grade</b>	<b>A</b>	<b>A-</b>	<b>B+</b>	<b>B</b>	<b>B-</b>	<b>C+</b>	<b>C</b>	<b>C-</b>	<b>D+</b>	<b>D</b>	<b>D-</b>	<b>E</b>
<i>Range</i>	100	92.5	89.5	86	82.5	79.5	76	72.5	69.5	66	62.5	59.5
	92.5	89.5	86	82.5	79.5	76	72.5	69.5	66	62.5	59.5	0

## Course Schedule

<b>WEEK</b>	<b>QUIZZES</b>	<b>TEXTBOOK</b>	<b>EXAMS WITH HONORLOCK*</b>
<b>1</b>	May 12 – 16	Syllabus Quiz Ch.1.1 #1 Ch.2.1 #2	May 13 May 15 May 16
<b>2</b>	May 19 – 23	Ch.2.2, 2.3 #3,4 Ch.3.1, 3.2 #5,6	May 19 May 21
<b>3</b>	May 26 – 30	Ch.4.1, 4.2, 4.3 #7-9 Ch.6.1, 6.2, 6.3 #10-12	May 28 May 30
<b>4</b>	June 2 – 6	Ch.8.1, 8.2 #13,14 Ch.9.1, 9.2, 9.3 #15-16	June 2 June 4
<b>5</b>	June 9 – 13	Ch.10.1, 10.2, #17,18 Ch.11.1, 11.2, #19-21 11.3	June 11 June 13
<b>6</b>	June 16 – 20	Ch.12.1, 12.2 #22,23 Ch13.1,13.2, 13.3 #24-26	June 16 June 18

## Exam Proctoring with HonorLock

Exams for this course are proctored by HonorLock. The benefits of HonorLock are that the proctoring framework is embedded in Canvas without intrusiveness and the need for prior scheduling. The goal of proctoring in this course is to place all students on a level field. Benefits of this technological support for our course include convenience and technical support for assessments online. At the start of the semester please take the practice quiz in Canvas to ensure minimum requirements for your learning environment.

## Important Information

- We will not cover chapters 5, 7, and 14-18 of the textbook. (e.g., Module 5 is Chapter 6).
- Module video lectures located above each quiz link must be completed before taking a quiz. Video lecture numbers do not match the Learning Objective numbers.
- Pay careful attention to the due dates for quizzes and exams. It is the responsibility of each student to complete an exam or quiz before any potential conflicts occur for schedules of work or other courses.

## Missed Due Dates and Make-Up Policy

Each quiz is due by the date listed in Canvas. It is important to complete each quiz before or on the due date, because quizzes are closed before midnight on the due date. Special permission must be provided to unlock a quiz and there will be an automatic 10-point reduction for each day late. Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>) and require appropriate documentation. Students who can demonstrate that they were unable to submit an assignment by the deadline and who can provide appropriate documentation to the Office of the Dean of Students will be given a reasonable period of time to make up the late work.

## Other Course Policies

### Exams

Each online exam will be available during only on the date specified in this syllabus. Each exam has a time limit of 60 minutes, and the exam window will cease activity (i.e., automatically close) at the end of the 60 minutes. You have only a single opportunity to take each exam. All online quizzes and examinations must be completed on time (i.e. by the due date and time). Exams summarize what has been learned in the course for a set of modules. Feedback will not be provided on exams in order to support the validity of material for comparison from year to year across classes. Honor code violations for an exam will result in grade sanctions of a 20% point-value reduction on the exam (i.e., two letter-grades).

### Quizzes

Each online quiz is available a minimum of a week before its due date and time. Then, after the due date it will disappear, along with the opportunity to get points for it. Each quiz has a time limit of 20 minutes, and the quiz form in Canvas will cease activity at the end of the time period. Quizzes consist of individually presented multiple-choice and/or short-answer questions. Students who share or attempt to share information pertaining to course content as it is assessed in quizzes or exams will be referred to Student Conduct and Conflict Resolution (SCCR) Office in the Dean of Students Office. Honor code violations for quizzes will result in grade sanctions of 20% point-value reduction on the assignment (syllabus pages 6-7). <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>

### *When taking quizzes*

It's important to read textbook sections and watch lectures before each quiz. You have only one opportunity to take each quiz, so make certain you are well prepared before you start the quiz.

### *Feedback from quizzes*

Quiz scores will be available after the due date. Quizzes are frequent and low-stakes; correct answers will not be posted online. To discuss specific questions about a quiz score, visit office hours, either in person or via Zoom. Feedback will highlight concepts that need further review – not verbatim correct answers. Instructions for visiting office hours on Zoom are on the UF E-learning site. <https://elearning.ufl.edu/zoom/>

## Late Policy

At the start of the semester, please read through the syllabus for potential conflicts that will occur. Students are expected to progress through the course on the timetable outlined in this syllabus. It is advised that students take quizzes and turn in assignments early, in order to avoid any potential (i.e., but, unlikely) problems with technology. A late quiz or exam will be lowered 10% for every day it is late, including weekends. Once a deadline passes at midnight, the late policy is implemented by Canvas.

## Situations where adjustments will not be made

- *Travel* – Students are responsible to take quizzes or exams before travelling.
- *Internet Connection Problem* – It is the responsibility of each student to take quizzes and exams from locations with a reliable internet connection. A dedicated room for online assessments is available in UF Library West. To make a reservation for a time of high demand go to the following website: <http://ufl.libcal.com/spaces?lid=4458&gid=8873>
- *Technical Problems From Other Causes* – Although it is the responsibility of each student to have a reliable connection to complete homework and take quizzes and exams, there are other problems that can occur. If there is a different problem, a support ticket must be obtained directly from HonorLock or from the UF help desk. Technical support from these services will be necessary to diagnose and certify the source of any problem. In fact, causes of connection problems, hardware, or other software problems can be adequately diagnosed, so students are encouraged to actively troubleshoot with support personnel. Course instructors will not respond regarding any technical problems that do not have a prior support ticket from UF or HonorLock.

## Recording Policy

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

## Students Requiring Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure early in the semester.

## Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

## Materials and Supplies Fees

There are no additional fees for this course.

## Counseling and Wellness Center

Contact information for the Counseling and Wellness Center: <https://counseling.ufl.edu/> , 392-1575; and University Police Department: 392-1111 or 9-1-1 for emergencies.

## Writing Studio

The writing studio is committed to helping University of Florida students meet their academic and professional goals by becoming better writers. Visit the writing studio online at <http://writing.ufl.edu/writing-studio/> or in 302 Tigert Hall for one-on-one consultations and workshops.

## University Honesty Policy

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” (see next page)

The Honor Code ( <https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/> ) specifies a number of behaviors that are in violation of this code and possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs.

### 3. Violations of the Student Honor Code

*The Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Student Honor Code. On all work submitted for credit by Students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

#### A. CHEATING.

A Student cannot use unauthorized materials or resources in any academic activity for academic advantage or benefit. Cheating includes but is not limited to:

1. Using any materials or resources prepared by another Student without the other Student's express Consent or without proper attribution to the other Student.
2. Using any materials or resources, through any medium, which the Faculty has not given express permission to use and that may confer an academic benefit to the Student.
3. Using additional time, or failing to stop working when instructed, on any time-bound academic activity.
4. Failing to follow the directions of a proctor of any academic activity, when such conduct could lead to an academic advantage or benefit.
5. Collaborating with another person, through any medium, on any academic activity, when Faculty has expressly prohibited collaboration.

#### B. COMPLICITY IN VIOLATING THE STUDENT HONOR CODE.

Attempting, aiding, encouraging, facilitating, abetting, conspiring to commit, hiring someone else to commit, giving or receiving bribes to secure, or being a participant (by act or omission) in any act prohibited by the Student Honor Code.

#### C. FALSE OR MISLEADING INFORMATION.

A Student cannot use unauthorized materials or resources in any academic activity for academic advantage or benefit. Cheating includes but is not limited to:

1. A Student must not make a false or misleading statement during the Investigation or resolution of an alleged Student Honor Code violation.
2. A Student must not make a false or misleading statement for the purpose of procuring an improper academic advantage for any Student.
3. A Student must not use or present fabricated information, falsified research, or other findings if the Student knows or reasonably should be aware that the information, research, or other finding is fabricated or falsified.

#### D. INTERFERENCE WITH AN ACADEMIC ACTIVITY.

1. A Student must not take any action or take any material for the purpose of interfering with an academic activity, through any means over any medium.
2. A Student must not be disruptive to the testing environment or other academic activity.

#### E. PLAGIARISM.

A Student must not represent as the Student's own work all or any portion of the work of another. Plagiarism includes but is not limited to:

1. Stealing, misquoting, insufficiently paraphrasing, or patch-writing.
2. Self-plagiarism, which is the reuse of the Student's own submitted work, or the simultaneous submission of the Student's own work, without the full and clear acknowledgment and permission of the Faculty to whom it is submitted.
3. Submitting materials from any source without proper attribution.
4. Submitting a document, assignment, or material that, in whole or in part, is identical or substantially identical to a document or assignment the Student did not author.

#### F. SUBMISSION OF ACADEMIC WORK PURCHASED OR OBTAINED FROM AN OUTSIDE SOURCE.

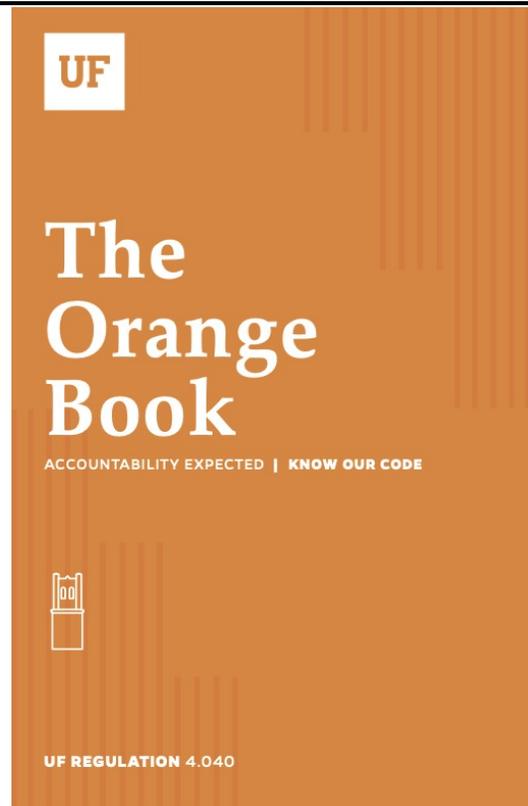
A Student must not submit as their own work any academic work in any form that the Student purchased or otherwise obtained from an outside source, including but not limited to: academic materials in any form prepared by a commercial or individual vendor of academic materials; a collection of research papers, tests, or academic materials maintained by a Student Organization or other entity or person, or any other sources of academic work.

#### G. UNAUTHORIZED RECORDINGS.

A Student must not, without express authorization from Faculty, make or receive any Recording, through any means over any medium, of any academic activity, including but not limited to a Recording of any class or of any meeting with Faculty. Students registered with the Disability Resource Center who are provided reasonable accommodations that include allowing such Recordings must inform Faculty before making such Recordings.

#### H. UNAUTHORIZED TAKING OR RECEIPT OF MATERIALS OR RESOURCES TO GAIN AN IMPROPER ACADEMIC ADVANTAGE.

A Student, independently or with another person or other people, must not without express authorization take, give, transmit, or receive materials, information, or resources in any manner, through any medium, for the purpose of gaining or providing an improper academic advantage to any Student.



### Student Honor Code PROCESS

