

PSB-3002 Physiological Psychology (Section: 16810)

Instructor: Cassandra Modrak, MS

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Office: 311A in Psychology Building

Office hours: Wednesday 10a-12p via Zoom or by appointment

Class times: T – Periods 5-6 (11:45-1:40p), R – Period 5 (12:50-1:40p)

TA: Isabella Ingrassia

Contact: Isabella.ingrassia@ufl.edu

Course objectives

The overall goal of this course is to provide introductory knowledge on neuroscience as it relates to psychology. This course will familiarize students with basic neuroanatomy and the neurobiological mechanisms underlying psychological processes. Further, students will learn the tools and methods used to study several aspects of neuropsychology, including psychiatric conditions, normal brain development, and optimize well-being.

Prerequisites

Students who register for this course are required to have an introductory course in Psychology (e.g., PSY2012). Fundamental knowledge in introductory Biology (e.g. BSC2010) is helpful, but not required. The course is self-contained - meaning that everything you need is contained within the course materials. Accordingly, this course is appropriate for students who have a broad interest in Psychology and the biological basis of behavior.

Required Material

Title: Physiology of Behavior, 13th Edition

Author: N.R. Carlson & M.A Birkett

Publisher: Pearson

UF ALL ACCESS LINK: <https://www.bsd.ufl.edu/allaccess>

This textbook is required for the course and is provided at a reduced rate through the UF All Access program. Students must OPT IN to the UF All Access Materials within the first three weeks of the course to obtain the text at this rate. This will grant you instant access to the digital text. Students will be billed to their student accounts automatically and if they have Financial Aid available, it will automatically pay for these charges. A document with the instructions and FAQ for UF All Access is located on the Canvas site for this course. You do not need to purchase the REVEL accompaniment to the textbook.

Class Attendance and Participation

Attendance is not mandatory for the course and will not be taken. However, weekly quizzes will be administered to test students' knowledge on course material that is contingent on the material covered in class lectures. Exceptions will be made for those who have contacted me with an excuse approved by the university. The requirements for class attendance, make-up quizzes, and other assignments are in compliance with university policies. <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Student evaluation and grading

Short, in-class quizzes will be conducted on a weekly basis to assess students' understanding of the course material. Each quiz will consist of 10 questions totaling 10 points. Four exams will additionally be conducted totaling 35 points each. Exams will include a combination of multiple choice, true/false, and short answer. Additionally, one writing assignment will be conducted near the end of the semester, in which students will be tasked to select a topic of their choice that we had discussed throughout the course and provide a summary of the topic and what most interested them about it. This assignment is 25 points, and earning full credit will be based on following the assignment instructions on Canvas. For both the quizzes and exams, it is required that you bring some form of a photo ID (Gator1, driver's license) that will need to be presented on your desk. A #2 pencil is needed to take exams and quizzes. Should you have any questions regarding course material or exams, you can email me directly – **I will only be responding to emails between Monday-Friday's**. Please also reach out to your TA Isabella Ingrassia for additional questions regarding course materials or quizzes.

Research Requirement

Ten points (4%) of your final grade in the course involves the completion of a research requirement. The same research participation requirement as in the General Psychology course has been extended to all 3000 level psychology courses. You will have the option to participate in research experiments through the SONA platform or to complete critical analysis papers. Please see the Research Requirements tab in the "Start here" module of canvas for more information.

Important deadlines:

- **January 16th (9am)** – Participant Pool Opens
- **April 20th (11:59pm)** – Last day to earn credits through SONA
- **March 18th (11:59pm)** – Deadline to declare Option 2 (critical analysis papers) if not doing Option 1
- **April 24th (11:59pm)** – Critical analysis papers due (ONLY if choosing Option 2)

Online Evaluations via GatorEvals

Students are strongly encouraged to complete a course evaluation on the quality of instruction of the course at the end of the semester. Feedback should be respectful and professional in nature. Students will be notified when the period to leave evaluations is open, and evals can be completed either using the link emailed to students from GatorEvals, in the Canvas course menu under the GatorEvals tab, or via <https://ufl.bluera.com/ufl/>. A summary of course evaluation results can be accessed at the link <https://gatorevals.aa.ufl.edu/public-results/>.

Grading policies:

Assignment	Points
Quizzes (10, 10 points each)	90
Exams (4 exams, 35 points each)	140
Course Summary	25
Research Requirement	10
Total	265

Grade	Scale	Grade	Scale
A	93-100%	C	73-76%
A-	90-92%	C-	70-72%
B+	87-89%	D+	67-69%
B	83-86%	D	63-66%
B-	80-82%	D-	60-62%
C+	77-79%	E	< 60%

Your lowest quiz grade will be dropped, and thus your final grade will include 4 exams, 9 quizzes, the course summary assignment, and required research participation through SONA. For more information on UF grading policies, see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>. Total points with a decimal value equal to or greater than .5 will be rounded to the next number. **NO EXTRA CREDIT NOR ADDITIONAL POINTS WILL BE PROVIDED AT ANY TIME.**

Class Polices

Late work

Late work will not be accepted unless there is an extreme situation (e.g., hospitalization, family death, etc.). I will not accept late submissions for your final summary paper as you have weeks to complete it.

Disputing Grades

You will have **one week** (including weekends and holidays) after any course material grade has been posted to dispute your grade. The exception will be the last quiz because there won't be enough time to complete disputes and turn grades in. Disputes will NOT be accepted after that date.

UF Honor Code

I am not willing to give a passing grade to those who do not abide by the UF honor code. Any student who cheats or helps another student cheat will receive an E (Fail) in this class. When students enroll at the university, they commit themselves to the standard drafted and enacted by students.

Preamble: In adopting this honor code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the university community. Students who enroll at the university commit to holding themselves and their peers to the high standard of honor required by the honor code. Any individual who becomes aware of a violation of the honor code is bound by honor to take corrective action. The quality of a University of Florida education is dependent upon community acceptance and enforcement of the honor code.

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 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."

It should be clear that academic dishonesty, such as cheating, is NOT tolerated at the University of Florida. Cheating is defined in the University Handbook, and it is the student's responsibility

to be familiar with its many forms (including plagiarism). If there is a suspected academic honesty violation, the Student Honor Code Procedures will be followed. **CHEATING WILL NOT BE TOLERATED.**

In-Class Recordings

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.

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.

In response to COVID-19, the following recommendations are in place to maintain your learning environment, to enhance the safety of our in-classroom interactions, and to further the health and safety of ourselves, our neighbors, and our loved ones.

- If you are not vaccinated, get vaccinated. Vaccines are readily available and have been demonstrated to be safe and effective against the COVID-19 virus. Visit one.ufl.edu for screening / testing and vaccination opportunities.
- If you are sick, stay home. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 to be evaluated.
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.

*I reserve the right to revise the syllabus in order to accommodate the needs of the course. In case of any updates, please pay attention to the course announcements.

Accommodations for Students with Disabilities:

Academic accommodations for students with disabilities pertaining to learning barriers are encouraged and can be made by connecting with the Disability Resource Center (001 Building 0020 in Reid Hall). Students requesting accommodations should obtain an accommodation letter and share with the instructor to discuss their needs as early as possible during the semester. More information regarding accommodations can be found either by visiting the Disability Resource Center's website (<https://disability.ufl.edu/>), or by calling the center: 352-392-8565.

Student Disclosures of Sexual Violence

UF fosters a campus free of sexual violence including sexual harassment, domestic violence, dating violence, stalking, and/or any form of sex or gender discrimination. If you disclose a personal experience as a UF student, the course instructor is required to notify the Title IX

Coordinator by completing the report form available at <https://titleix.ufl.edu/report-an-issue/>, emailing titleix@ad.ufl.edu or calling (352) 273-1094. Feel comfortable coming to me with any issues.

Campus Resources

Health and Wellness

- **U Matter, We Care:** If you or a friend is in distress, please contact umatter@ufl.edu or 352-392-1575 so that a team member can reach out to the student.
- **Counseling and Wellness Center:** <http://www.counseling.ufl.edu/cwc/Default.aspx>, 352- 392-1575;
- **Student Health Care Center:** 352-392-1161 for 24/7 information to help you find the care you need
- **University Police Department:** 392-1111 or 9-1-1 for emergencies, <http://www.police.ufl.edu/>.
- **Sexual Assault Recovery Services (SARS):** Student Health Care Center, 352- 392-1161
- **UF Health Shands Emergency Room/ Trauma Center:** For immediate medical care, call 3522733-0111 or go to the emergency room at 1515 Archer Road, Gainesville, FL 32608

Academic and Other Student Resources

- **Canvas technical support:** 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>.
- **Career Resource Center:** Reitz Union, 392-1601. Career assistance and counseling. <http://www.crc.ufl.edu/>
- **Library Support:** <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.
- **Teaching Center:** Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. <http://teachingcenter.ufl.edu/>
- **Writing Studio:** 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>
- **Hitchcock Field & Fork Pantry:** <https://pantry.fieldandfork.ufl.edu/> Free food pantry for students, faculty and staff facing food insecurity.
- **Student Complaints Campus:** https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf
- **On-Line Students Complaints:** <http://www.distance.ufl.edu/student-complaint-process>

Spring 2024 Class Schedule

DATE	LECTURE TOPICS	QUIZZES/ASSIGNMENTS
1/9	Syllabus and Chapter 1: Introduction to Physiological Psychology	
1/11	Chapter 2: Structure & Function of Cells of the Nervous System	
1/16	Chapter 2 (cont.)	Quiz 1: Chapter 1
1/18	Chapter 3: Structure of the Nervous System	

1/23	Chapter 3 (cont.)	Quiz 2: Chapter 2
1/25	Chapter 4: Psychopharmacology & Neurotransmitters	
1/30	Chapter 4 (cont.)	Quiz 3: Chapter 3
2/1	Chapter 5: Methods & Strategies of Research	
2/6	Chapter 5 (cont.) and Exam 1 review	Quiz 4: Chapter 4
2/8	Exam 1: Chapters 1-5	
2/13	Chapter 6: Vision	NO QUIZ
2/15	Chapter 7: Audition, Body Senses, & Chemical Senses	
2/20	Chapter 9: Sleep & Biological Rhythms	Quiz 5: Chapters 6 & 7
2/22	Chapter 9 (cont.)	
2/27	Chapter 10: Reproductive Behaviors	Quiz 6: Chapter 9
2/29	Chapter 10 (cont.)	
3/5	Chapter 11: Emotion and Exam 2 review	Quiz 7: Chapter 10
3/7	Exam 2: Chapters 6, 7, 9, 10	
3/12-3/14	NO CLASS – Spring Break	
3/19	Chapter 11 (cont.) and Chapter 13: Learning & Memory	NO QUIZ
3/21	Chapter 13 (cont.)	
3/26	Chapter 16: Neurological Disorders & Exam 3 review	Quiz 8: Chapter 13
3/28	Exam 3: Chapters 11, 13, 16	
4/2	Chapter 17: Schizophrenia & Affective Disorders	NO QUIZ
4/4	Chapter 17 (cont.)	
4/9	Chapter 18: Stress & Anxiety Disorders	Quiz 9: Chapter 17
4/11	Chapter 18 (cont.)	
4/16	Chapter 19: Substance Abuse	Quiz 10: Chapter 18
4/18	Chapter 19 (cont.) and Exam 4 review	Course summary assignment due
4/23	Exam 4: Chapters 17, 18, 19	

Note: Please read the chapter before the specific class meetings. The course schedule may change as needed, depending on how much we are enjoying each chapter. It is your responsibility to keep up with the changes by coming to class and reading announcements to stay updated. Also, it is not feasible to cover all of the materials in the textbook during the class meetings. Rather, I will focus on major and important themes in the chapters. All material in the textbook and lecture is eligible to be included in the quizzes.