

Instructor: Courtney Wilkinson
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Office: 311A Psychology Building
Office Hours: Tuesday 1-3pm through Zoom or by appointment
Class times: Tuesday Period 8 | Thursday Periods 8-9

Course Description

This course is an introductory survey of neuroscience with special relevance to psychology. Our main objective in this course is to gain appreciation of how physiological processes 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.

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, but many students find this resource helpful.

Prerequisites

Students who register for this course are required to have participated in 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, neuroscience, and the biological basis of behavior.

Participation & Attendance

Attendance will not be taken. However, material that is covered during the lecture will be included on quizzes and exams. Please contact me with appropriate documentation if you have a university approved excused absence. Requirements for class attendance and make-up quizzes, assignments, and other work in this course are consistent with university policies, which can be found here: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Course Structure

To make the class easier for you I did my best to standardize the quizzes, and exams throughout the course. Exams are scheduled for the entire class period on selected Tuesdays (see Course Schedule). You will have a

quiz assessment every Thursday in the beginning of the class period except for weeks where there is an exam. **Do not be late for quiz or exam class meetings** as you will **not** get extra time to complete the quiz or test. If any student has completed the quiz or exam and left the room prior to your arrival to class, you will not be permitted to take the quiz or exam. You will need to bring an official photo ID (Gator1, driver's license) for quiz and exam days. When you turn in your exam, you are required to display your ID. You will also need a #2 pencil. Throughout the course, you may have questions for me directly. Please email me directly at c.wilkinson@ufl.edu. I will **only** answer emails during regular business hours (8-5pm, Monday-Friday).

Exams: Each exam will consist of 40 multiple-choice questions worth 1 point each (40 points total). There will be 4 exams total, each exam will be non-cumulative, and you will have 50 minutes to complete the exam. Your lowest exam score will be dropped, so 3 exams x 40 = 120 points total.

Quizzes: Every Thursday (with exceptions, see Course Schedule) the class period will begin with a quiz (10 questions, 15 minutes). There will be 10 quizzes in total, each worth 10 points each (1 point per question). Your lowest quiz score will be dropped, so 9 quizzes x (10 questions x 1 point each) = 90 points total.

Reflection Papers: At the beginning and end of this course, you will be asked to reflect on your knowledge of Physiological Psychology. The first reflection paper is worth 10 points and the final reflection paper is worth 15 points. To earn full points, you must follow the prompt on the Canvas Course website in the correct formatting.

Research Requirement: 10 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.

Grading Scale

Assessment	Points	% of Final Grade
Quizzes (10, 10 points each)	90	37%
Exams (4 exams, 40 points each)	120	49%
Reflection Papers	25	10%
Research Requirement	10	4%
Total	245	

Your lowest quiz *and* exam grade will be dropped. Therefore, your final grade will include 3 exams, 9 quizzes, 2 reflection papers, and points for required research participation through SONA. The following scale will be used to determine final grades, **I will not round up final grades under any circumstances:**

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%

At any time, you may calculate your grade by adding up the number of points earned, dividing that sum by the number of points attempted, and multiplying the result by 100. For information on UF grading policies, see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

Class Policies

Late Work and Make ups: Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>. Late work will not be accepted unless there is an extreme situation (e.g., hospitalization, family death, etc.). I will not accept late Reflection assignments as you have weeks to complete them. Therefore, **do not wait until the last minute**.

Grade Disputes: For all graded assignments, you will have 1 week from the day your grades are released to dispute your grade (including holidays and weekends), after which your grade will become final and can no longer be disputed. Obviously, just because you dispute your grade DOES NOT mean your grade will be changed in your favor. Also, this should not be a default reaction to any low grade you receive, please only pursue this route when you are confident that you can make a case that an error occurred. If you wish to dispute a grade you must email me to inform me that you wish to dispute your grade. Then you must attend office hours and be ready to provide a sound argument based on empirical evidence. Any changes to grades will be made solely at the discretion of your professor.

University Policy on Accommodating Students with Disabilities: Students requesting accommodation for disabilities must first register with the [Dean of Students Office](#). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations. The Disability Resource Center is located in 001 Building 0020 (Reid Hall) <https://disability.ufl.edu/>. Their phone number is 352-392-8565.

U Matter, We Care: Your well-being is important to the University of Florida, and to me. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

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.

University Policy on Academic Misconduct: Academic honesty and integrity are fundamental values of the University community. *“Cheating is defined in the UF Handbook, and it is the student’s responsibility to be familiar with its many forms (including plagiarism). If a student is caught cheating, the first offense will result in a zero for that exam or assignment and a record of the event will be placed in a temporary file with the Office of Student Affairs. The second offense will result in an “E” for the course, and the student will go before the Honor Court. As a result of completing registration at UF, every student has agreed to the following statement: “I understand that UF expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”* Please make sure you understand the [UF Student Honor Code](#).

Course Evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

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>

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.

Spring 2023 Course Schedule

DATE	LECTURE TOPICS	Assignment/Activity
1/10	Syllabus & Chapter 1 : Introduction to Physiological Psychology	
1/12	Chapter 2 : Structure & Function of Cells of the Nervous System	Quiz #1 : Syllabus
1/17	Chapter 2 (continued)	
1/19	Chapter 3 : Structure of the Nervous System	Quiz #2 : Ch. 1 & 2
1/24	Chapter 5 : Methods & Strategies of Research	
1/26	Chapter 5 (continued)	Reflection Paper #1 Due
1/30	Chapter 3 : Structure of the Nervous System	
2/2	Chapter 4 : Psychopharmacology & Neurotransmitters	Quiz #3 : Ch. 3
2/7	Exam 1 : Chapters 1-5	
2/9	Chapter 6 : Vision	
2/14	Chapter 7 : Audition, Body Senses, & Chemical Senses	
2/16	Chapter 8 : Control of Movement	Quiz #4 : Ch. 6
2/21	Chapter 9 : Sleep & Biological Rhythms	

2/23	Chapter 10: Reproductive & Parental Behavior	Quiz #5: Ch. 7-8
2/28	Chapter 11: Emotion	
3/2	Chapter 13: Learning & Memory	Quiz #6: Ch. 9-10
3/7	Exam 2: Chapters 6-11	
3/9	Chapter 13 (continued)	
3/14-3/16	NO CLASS – Spring Break	
3/21	Chapter 14: Human Communication	
3/23	Chapter 15: The Developing Nervous System	Quiz #7: Ch. 13
3/28	Chapter 16: Neurological Disorders	
3/30	Chapter 17: Schizophrenia & Affective Disorders	Quiz #8: Ch. 14
4/4	QUIZ 3: Chapters 13-16	
4/6	Chapter 17 (continued)	
4/11	Chapter 18: Stress and Anxiety Disorders	
4/13	Chapter 18 (continued)	Quiz #9: Ch. 17
4/18	Chapter 19: Substance Abuse	
4/20	Chapter 19 (continued)	Quiz #10: Ch. 18
4/25	Quiz 4: Chapters 17-19	Reflection Paper #2 Due

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 and exams.

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.