

Course Information

Semester & Year: Spring 2020

Course ID & Section #: Psych 20 E8093

Instructor's name: Mark Winter

Day/Time: MW 11:40-1:05

Location: SC 206

Number of units: 3.0

Instructor Contact Information

Office location: HUM 108G

Office hours: MW 1-2 & TTh 3-4

Phone number: 707-476-4310

Email address: mark-winter@redwoods.edu

Required Materials

Textbook title: Brain and Behavior: An introduction to Behavioral Neuroscience

Edition: 5th

Author: Garrett & Hough

ISBN: 978-1-5063-4920-6

Catalog Description

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

Course Student Learning Outcomes (*from course outline of record*)

1. Analyze how biological processes affect human mind and behavior.
2. Demonstrate knowledge and understanding representing appropriate breadth and depth in selected content areas of biological psychology.
3. Analyze and/or apply biopsychological research in writing.

Evaluation & Grading Policy

Grade Distribution: A = 93% and above, A- = 90-92%, B+ = 88-89%, B = 83-87, B- = 80-82%, C+ = 78-79%, C = 65-77%, D = 60-64%, F = 59% and below

For additional information on grading and assignments, see below.

Prerequisites

Psychology 1

Biological Psychology
Psych 20 – E8093
Spring 2020

Instructor: L. Mark Winter, PhD

Class Website: <https://redwoods.instructure.com>

Email: mark-winter@redwoods.edu

Phone: 707-476-4310

Office: Office Hours: MW 1-2 & TTh 3-4

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- Analyze and/or apply biopsychological research in writing.

Required Text: [Garrett, B. & Hough, G. Brain and Behavior: An Introduction to Behavioral Neuroscience \(5th edition\)](#), 2018. Sage Publishing. (ISBN: 978-1-5063-4920-6) The text is available in the LRC (Eureka). -2 hour reserve only-.

Student Commitment: This three credit-hour class will require about nine hours per week of your time. You will have to regularly attend class – four of more absences are considered excessive. Successful students carefully read textbook chapters, submit thoughtful daily writing assignments, complete a research paper, and successfully demonstrate your learning in online quizzes and class exams. Conscientiousness, attention to details, reading, writing, and study skills are critical.

Communication Guidelines: I am available to discuss class content or advising purposes. Students can drop-in during office hours, meet prior to or immediately after class, use Canvas messaging, or campus email. I will usually reply to messages and email within 24 hours on school days.

Exams (280 points): There are three exams each assessing student performance. Each exam will consist of 2 essay questions and 10 multiple-choice questions per chapter. You must take the exams at or before its scheduled date for full credit. Late exams are allowed up to one week with a 10 point penalty. The final exam must be taken at or before the scheduled date. There will be a study guide available one week before each exam.

Chapter Video Quizzes (130 points): Each chapter will have a Canvas quiz consisting of 10 timed items (*each* worth 1 pt.) based on the assigned videos. Quiz scores are posted immediately and correct answers are available after the deadline. You are limited to a total of 15 minutes for each attempt. You can repeat each quiz with the higher score recorded in the gradebook. *The lowest scores will be dropped at the end of the semester.*

Lecture Points (est. 56 point/ 3 pts per class meeting): Near the end of each class you will identify a topic from the lecture to respond and relate to your personal experience. Specifically, you will be asked to: Thoughtfully respond/react to the topic (1 point), relate/apply the topic to your own personal experience (1 point), write a question you have based

on the day's topic (1 point), and write readably, good spelling and grammar, and >100 words. You must attend the full lecture to receive credit.

Research Paper (60 points): This will be an outline and short paper on any biological psychology topic of your choice.

Dates	Topic	Readings	Assessment
Week 1: Jan 22	Introduction	Chapter 01	Lecture Points
Week 2: Jan 27 – Jan 29	Introduction & NS Communication	Chapter 02	Lecture Points Video Quizzes
Week 3: Feb 03 – Feb 05	Nervous System Organization and Function	Chapter 03	Lecture Points Video Quiz
Week 4: Feb 10 – Feb 12	Drugs and Addiction	Chapter 05	Lecture Points Video Quiz
Week 5: Feb 19	Exam 1 (80 pts)		Ex 1, Chapters 1-3, 5
Week 6: Feb 24 – Feb 26	Motivation	Chapter 06	Lecture Points Video Quiz
Week 7: Mar 02 – Mar 04	Sex and Gender	Chapter 07	Lecture Points Video Quiz Paper Outline (10 pts)
Week 8: Mar 09 – Mar 11	Emotion and Health	Chapter 08	Lecture Points Video Quiz
Mar 16 – Mar 20	Spring Break		
Week 9: Mar 23 – Mar 25	Hearing and Language	Chapter 09	Lecture Points Video Quiz
Week 10: Mar 30 – Apr 01	Vision and Visual Processing Exam 2 (100 pts)	Chapter 10	Lecture Points Video Quiz Ex 2, Chapters 6-10

Week 11: Apr 06 – Apr 08	Body Senses and Movement	Chapter 11	Lecture Points Video Quiz
Week 12: Apr 13 – Apr 15	Learning and Memory	Chapter 12	Lecture Points Video Quiz Paper (50 pts)
Week 13: Apr 20 – Apr 22	Intelligence and Cognitive Function	Chapter 13	Lecture Points Video Quiz
Week 14: Apr 27 – Apr 29	Psychological Disorders	Chapter 14	Lecture Points Video Quiz
Week 15: May 04 – May 06	Sleep and Consciousness	Chapter 15	Lecture Points Video Quiz
Final Exam TBA			Final Exam, Chapters 11-15

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Code of Conduct: Student behavior or speech that *disrupts the instructional setting* will not be tolerated. Disruptive conduct may include, but is not limited to: side conversations among students during lectures, eating food in classrooms, accessing mobile devices including cell phones, unwarranted interruptions, failure to adhere to instructor’s directions, vulgar or obscene language, slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

Withdrawal from Class: Students can withdraw from class without a grade and receive a full refund by 1/31/20. The last day for a student-initiated withdrawal is 4/3/20 and results with a W in the transcript and no refund. Administrative procedure (AP) 5075 allows instructors to withdraw students from class for non-participation through the 10th week of class. Non-participation for two weeks of assignments may result in involuntary withdrawal. Students who have experienced extenuating circumstances can complete & submit the *Excused Withdrawal Petition* to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the Admissions and Records Forms Webpage. Supporting documentation is required.

Academic Support and Resources: Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more. The following resources are available to support your success as a student:

- CR-Online (Resources for online students): <http://www.redwoods.edu/online>
- Library (including online databases): <http://www.redwoods.edu/library/>
- Canvas help and tutorials: <http://www.redwoods.edu/online/Canvas>
- Student Online Hand Book: <http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf>

Students with Disabilities: This class is designed to accommodate students with disabilities. Please contact me directly with specific concerns. For more information regarding the College's services for students with disabilities go to the DSPS website at <http://redwoods.edu/district/dsps/>

Accessibility: Students will have access to this course that complies with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Course materials will include a text equivalent for all non-text elements; videos will include closed captioning, images will include alt-tags, hyperlinks will use descriptive/meaningful phrases instead of URLs and audio files will include transcripts. All text will be formatted for use with screen readers and all course materials will be understandable without the use of color. Students who discover access issues with this class should contact the instructor.

Preferred Name in Canvas: Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the [Student Information Update form](#).

Canvas Information: Canvas is our online course management system. Canvas will provide access to the class grades, slideshows, handouts, and video quizzes. Log in: <https://redwoods.instructure.com> Password is your 8 digit birth date. For tech help, email its@redwoods.edu or call 707-476-4160 Canvas Help for students: <https://www.redwoods.edu/online/Help-Student> Canvas online orientation workshop: <https://www.redwoods.edu/online/Home/Student-Resources/Canvas-Resources>

Emergency Procedures: College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor <https://webadvisor.redwoods.edu> and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Note: While I make every effort to follow the standards and schedule of this syllabus there may be times when changes are necessary. I will inform the class through the announcement board and/or class email of any changes.