



Basic Course Information

Semester:	Spring 2023	Instructor Name:	Robert Wyatt
Course Title & #:	PSY 200 – Biological Psych	Email:	Robert.wyatt@imperial.edu
CRN #:	20794	Webpage (optional):	http://www.imperial.edu
Classroom:	Online	Office #:	760-355-6491
Class Dates:	02/13/23 – 06/08/23	Office Hours:	Zoom (8 – 9:00 am)
Class Days:	Online	Office Phone #:	760-355-6491
Class Times:	Online	Emergency Contact:	760 – 355-6491
Units:	3.0	Class Format:	Online

Course Description

An exploration of the biological basis of human behavior. The development, structure and functions of the nervous system is thoroughly examined to provide insight into its complex relationship with human behavior, thought, and feelings. The history of neuroscience and methods of scientific inquiry are reviewed. (C-ID PSY 150) (CSU, UC)

Course Prerequisite(s) and/or Corequisite(s)

Prerequisite: PSY 101 with a grade of "C" or better.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Outline major events in the history of neuroscience and describe related advances in experimental methodology.
2. List and describe the functions of the structures and organelles of the neuron and discuss synaptic transmission.
3. Identify the functional organization of the human nervous system and the structures which make up the functional subsystems.
4. Summarize the development of the vertebrate nervous system throughout the lifespan and identify problems that may result from delayed or impaired development.
5. Identify and describe sensory structures and processes and discuss how the nervous system initiates and controls movement.
6. Explain the physical regulation of homeostasis and discuss the effect of homeostatic drives on human behavior.
7. Discuss circadian and other cyclical rhythms of the brain and resultant effects on human behavior.
8. Describe the biological controls of emotions and explain the significance of emotions in human behavior and cognitive processes.
9. List and describe the major diseases of the nervous system and explain modern views on the bio/psycho/social nature of mental disorders.
10. Relate current research findings on the biologic elements of human learning and memory.

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Describe the action potential and how communication takes place between neurons.
2. Critique current research in biopsychology including the ethical methodology and safeguards used in animal and human studies.
3. Demonstrate an understanding of psychological theory regarding the relationship between physiology; cognition and emotion.
4. Identify the biological and endocrine based causes of neurological and mental disorders.

Textbooks & Other Resources or Links

Kalat, J. W. (2019). *Biological Psychology* (13th/e). Wadsworth/Cengage Learning; Belmont, CA ISBN: 9781337408202

It is possible to use an earlier edition as far back as the 10th edition as long as it is the same author. You might have to look a little harder for some information in earlier editions, but it is all there. The syllabus with the page numbers are for the 13th Edition.

Course Requirements and Instructional Methods

This class is strictly online via CANVAS.

Modules Section: You will find all the information. I have broken it up by chapters. In the section, you will see powerpoint slides, videos, and my summary of the chapters. In addition, you will find key terms for that respected chapter as well.

Quizzes: You will have (14) quizzes throughout the semester. They are made up of 10 questions of both multiple choice and true/false. They will be due by Sunday at 11:59pm of that respected week. It is your duty to ensure that you don't miss any of the quizzes. No makeups will be given unless by emergency reasons only.

Tests: You will be given a Mid-Term and a Final. The Mid-Term will cover Chapters 1- 7 and the Final will cover Chapters 8 -14. I cannot confirm or deny if some of the questions from the quizzes will be on the Mid-Term and Final.

Course Grading Based on Course Objectives

ASSIGNMENT	TOTAL POINTS
Quizzes	140 (10 points each)
Tests	200 (100 points each)
TOTAL	340 Points

Other Information

Question: What if I need to borrow technology or access to WIFI?

1. To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: <https://imperial.edu/students/student-equity-and-achievement>
2. If you'd like access the WIFI at the IVC campus, you can park in parking lots "I & J".
3. Students must log into the IVC student WIFI by using their IVC email and password.
4. The parking lots will be open Monday through Friday from 8:00 a.m. to 7:00 p.m.

Guidelines for using parking WIFI:

- I. Park in every other space (empty space **BETWEEN** vehicles)
- II. Must have facemask available
- III. For best reception park near buildings
- IV. Only park at marked student spaces
- V. Only owners of a valid disabled placard may use disabled parking spaces
- VI. Only members of the same household in each vehicle
- VII. Occupants **MUST** remain in vehicles
- VIII. Restrooms and other on-campus services not available
- IX. College campus safety will monitor the parking lot
- X. Student code of conduct and all other parking guidelines are in effect
- XI. Please do not leave any trash behind
- XII. No parking permit required

If you have any questions about using parking WIFI, please call Student Affairs at 760- 355-6455.

Other Course Information

What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.

Students are to comply with the following rules of netiquette:

1. Identify yourself
2. Include a subject line
3. Avoid sarcasm
4. Respect others' opinions and privacy
5. Acknowledge and return messages promptly
6. Copy with caution
7. Do not spam or junk mail
8. Be concise
9. Use appropriate language
10. Use appropriate emoticons (emotional icons) to help convey meaning
11. Use appropriate intensifiers to help convey meaning [do not use **ALL CAPS** or multiple exclamation marks (!!!)].

How do I show academic honesty and integrity in an online "classroom"?

· **KEEP YOUR PASSWORDS CONFIDENTIAL.**

- You have a unique password to access online software like Canvas.
- Never allow someone else to log-in to your account.

· COMPLETE YOUR OWN COURSEWORK.

- When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:

- Copying from others on a quiz, test, examination, or assignment
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment
- Having someone else take an exam or quiz for you
- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others)

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

WEEK	CHAPTER	ASSIGNMENT	DUE DATE
02/13 - 02/19	Chapter 1: Nerve Cells & Impulses	Quiz 1	02/19
02/20 - 02/26	Chapter 2: Synapses	Quiz 2	02/26
02/27 - 03/05	Chapter 3: Anatomy & Research Methods	Quiz 3	03/05
03/06 - 03/12	Chapter 4: Genetics, Evolution, ...	Quiz 4	03/12
03/13 - 03/19	Chapter 5: Vision	Quiz 5	03/19
03/20 - 03/26	Chapter 6: Other Sensory Systems	Quiz 6	03/26
03/27 - 04/02	Chapter 7: Movement	Quiz 7	04/02
		Midterm Exam	04/02
04/03 - 04/09	Chapter 8: Wakefulness & Sleep	Quiz 8	04/09
04/10 - 04/16	SPRING BREAK		
04/17 - 04/23	Chapter 9: Internal Regulation	Quiz 9	04/23
04/24 - 04/30	Chapter 10: Reproductive Behaviors	Quiz 10	04/30
05/01 - 05/07	Chapter 11: Emotional Behaviors	Quiz 11	05/07
05/08 - 05/14	Chapter 12: Learning, Memory, Intelligence	Quiz 12	05/14
05/15 - 05/21	Chapter 13: Cognitive Functions	Quiz 13	05/21
05/22 - 05/28	Chapter 14: Psychological Disorders	Quiz 14	05/28
06/05 - 06/08		Final Exam	06/08

*****Subject to change without prior notice*****