

Basic Course Information

Semester:	Spring 2018	Instructor:	Nicole Rodiles, MSW
Course Title & #:	Bio Psy & Psy 200	Email:	nicole.rodiles@imperial.edu
CRN #:	20616	Webpage (optional):	
Classroom:	412	Office #:	807E
Class Dates:	2/13-6/9	Office Hours:	Tue/Thur: 11:10-12:10pm
Class Days:	M/W	Office Phone #:	760/355-6142
Class Times:	8:00-9:25am	Emergency Contact:	760/791 4915
Units:	3		

Course Description

Required Language: *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. (CSU, UC)*

Student Learning Outcomes

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

Describe the action potential and how communication takes place between neurons. (ILO1, ILO2, ILO3)

Critique current research in biopsychology including the ethical methodology and safeguards used in animal and human studies.(ILO1, ILO2, ILO3, ILO4, ILO5)

Demonstrate an understanding of psychological theory regarding the relationship between physiology; cognition and emotion. (ILO1, ILO2, ILO3)

Identify the biological and endocrine based causes of neurological and mental disorders. (ILO1, ILO2, ILO3, ILO4)

Course Objectives

Required language:

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 including the role of neuroendocrine systems.*
- 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.*
- 11. explain scientific approaches used in methodologies for the study of brain-behavior relationships while being able to provide concrete examples of noninvasive vs. invasive research using current ethical principles and methods for the study of both humans and animals including research safe-guards and the peer review process in science.*

Textbooks & Other Resources or Links

Required Information:

1. Kalat, J.W. (2016). *Biological Psychology (12th/e)*. Belmont, CA Wadsworth. ISBN: 9781305105409

Course Requirements and Instructional Methods

[Required Information:

REQUIREMENTS

Class Activity, Essay, Mid-Term/Final Exam(s), Objective, Oral Assignments, Problem Solving Exercise, Quizzes, Written

Assignments, and Term Paper.

INSTRUCTIONAL METHODS

Audio Visual, Demonstration, Discussion, Group Activity, Lecture, Simulation/Case Study.

Two (2) hours of independent work done out of class per each hour of lecture or class work, or 3 hours lab, practicum, or

the equivalent per unit is expected.

Out of Class Assignments:

The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably

approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a

semester. WASC has adopted a similar requirement.

Reading and Writing:

Reading assignments include assigned text readings; current articles and/or sources from the internet. Students give

written and/or verbal critical analysis of the readings. Written assignments include reflective responses, sharing the

students' viewpoints and opinions in regard to the major developmental theories. Research paper on a developmental

psychology topic. Written paper about the developmental stages of the student.

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Course Grading Based on Course Objectives

Required Information:

CORE CONTENT APPROX. % OF COURSE

Biology of Genes, Behavior, and Human Evolution 5.00%

Research methods and ethical considerations of biological psychology and neuroscience including:

invasive vs. noninvasive research, critique current research ethics applied to animals and humans. 5.00%

Nervous system: anatomy, development and plasticity, neural communication 20.00%

Effects of psychoactive drugs 5.00%

Mechanism of sensation & perception, conscious awareness, and attention 15.00%

Mechanism of movement 5.00%

Sleep and wakefulness 5.00%

Motivation 5.00%

Ingestive behavior 5.00%

Cognition, learning and memory 10.00%

Hormones, reproduction, sexual development and behavior 5.00%

Emotion and stress 5.00%

Biology of psychological disorders including: affective disorders and schizophrenia 10.00%

TOTAL 100%

Attendance

[Required Information: *The below information is the IVC attendance policy. Use this information in addition to any specific attendance policies you have for your course.]*

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See [General Catalog](#) for details.

- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as ‘excused’ absences.

Classroom Etiquette

[Required Information: Describe your policies regarding classroom conduct. The below is suggested language and may be modified for your course.]

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the [General Catalog](#).
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Online Netiquette

[Required Information for web-enhanced, hybrid and online courses: Describe your policies regarding netiquette. The below is suggested language and may be modified for your course.]

- 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, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!)].

Academic Honesty

[Required language.]

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another’s work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **Plagiarism** is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- **Cheating** is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the [General Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Additional Student Services

[Suggested Language.]

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **Blackboard Support Site.** The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **Library Services.** There is more to our library than just books. You have access to tutors in the [Study Skills Center](#), study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

[Required language.]

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and Services](#) (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

[Required language.]

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **[Student Health Center](#)**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **[Mental Health Counseling Services](#)**. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

Student Rights and Responsibilities

[Required language.]

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

Information Literacy

[Required language.]

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

Anticipated Class Schedule/Calendar

[Required Information – Discretionary Language and Formatting: The instructor will provide a tentative, provisional overview of the readings, assignments, tests, and/or other activities for the duration of the course. A table format may be useful for this purpose.]

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1 2/12-16	Syllabus & Introduction Chapter 1	
Week 2 2/19-23	Chapter 1 continued Chapter 2	

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 3 2/26-2	Chapter 2 continued Chapter 3	
Week 4 3/5-9	Exam 1 and Thought Paper 1 Due	Chapters 1-3
Week 5 3/12-16	Chapter 4	
Week 6 3/19-23	Chapter 5	
Week 7 3/26-30	Chapter 5 Continued	
Week 8 Apr 2-6	SPRING BREAK! ENJOY!!	
Week 9 4/9-13	Chapter 6	
Week 10 4/16-20	Chapter 7	
Week 11 4/23-27	Exam 2 and Thought Paper 2 Due	Chapters 4-7
Week 12 4/30-4	Chapter 9	
Week 13 5/7-11	Chapter 10 and 11	
Week 14 5/14-18	Chapter 12	
Week 15 5/21-25	Chapter 13 and 14	
Week 16 5/28-1	Chapter 14	
Week 17 6/4-8	FINAL	Chapters 9-14

*****Tentative, subject to change without prior notice*****