

PSYC 3728 - Biopsychology

Summer 2026 Syllabus, Section 01, CRN 30160,

Credit hours: 3

Instructor

James E Juergensen

Professional Qualifications:

Ph.D. in Experimental Psychology from Case Western Reserve University

Master's in Experimental Psychology from Case Western Reserve University

Bachelor's in Psychology from Youngstown State University

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Communication Expectations:

I will do my best to respond to emails ASAP, within 48 hours

How to Refer to me:

Dr. Juergensen; Professor Juergensen

Course Description

3728. Biopsychology. The structural-functional relationships of the various divisions of the neural system, their relationship to the organism as a whole, and their contributions to human behavior. Prereq.: PSYC 2617. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Biopsychology (11th edition)	Pinel	8220144565407
Required	Behave	Sapolsky	9780735222786

Behave must be purchased through Perusall in order to complete assigned discussions and readings.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
6/29	Brain Introduction, Pages 20-30	Chapter 1 Introduction; Chapter 2 Evolution, Genetics, Experience	5 Video Lectures, 1 exam, 1 Perusall Reading Assignment
7/6	The Amygdala, Pages 31-44	Chapter 3 Nervous System; Chapter 4 Neural Conduction 1st half	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment
7/13	Frontal Cortex, Pages 45-54	Chapter 4 Neural conduction; 2nd half TED Talk: How to Make Stress Your Friend	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment

7/20	Rewards, Pages 64-74	Chapter 6 Vision; Chapter 7 Sensation	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment
7/27	Testosterone, Oxytocin, Pages 99-111	Chapter 11 Memory; Chapter 12 Health	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment
8/3	Stress, Pages 124-136	Chapter 14 Sleep; Chapter 15 Drugs	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment
8/10	Adolescence, Pages 156-168	Chapter 16 Split Brain; Gazzaniga Split brain Video; Chapter 17 Emotion	4 Video Lectures, 1 exam, 1 Perusall Reading Assignment

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.