



## Biological Foundations of Psychology

PSY 332

Southwestern College Professional Studies

### COURSE SYLLABUS

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#### I. Course Catalog Description

The course offers an introduction to the study of the anatomy, physiology, and function of the nervous and endocrine systems, and their relationship to psychological issues. Prerequisite PSY 110.

#### II. Required and Supplementary Instructional Materials

Pinel, J. P. J. (2014). *Biopsychology* (9th ed.). Old Tappan, NJ: Pearson Education.

#### III. Learning Outcomes

Learning outcomes describe the knowledge, skills, values, and attitudes that learners gain as the result of a particular learning experience. Southwestern College Professional Studies has learning outcomes specific to each course and each [undergraduate](#) and [graduate](#) program of study, as well as [institution-wide outcomes](#) related to the mission and vision of the college. Outcomes can help learners and instructors focus on the big picture of the learning experience and can help inform potential employers about a graduate's knowledge and skills.

Upon successfully completing this course, the learner will be able to:

- Explore the anatomical underpinnings of the psychological study of human physiology and behavior.
- Assess the dynamic interaction between genetics and environment influencing human behavior and psychological states.
- Identify how the brain communicates and its relationship to behavior and psychological functioning.
- Examine how normal human development and psychopathologies are grounded in human physiology.
- Investigate human behavior as the product of complex biological, chemical, and physical interactions.
- Examine scientific literature focused on physiological bases for treating psychopathologies.
- Identify sound practices for studying the relationship between human physiology, behavior and psychological functioning.
- Examine the role of memory in human functioning and its physiological components.
- Investigate regions within the brain responsible for emotions such as fear and disgust.
- Identify the various sleep disorders and their impacts on normal brain functioning.

At the end of the course, learners may vary in their ability to achieve these outcomes. You are more likely to achieve these outcomes only if you attend class and/or online activities as required by the syllabus, complete the requirements for all assignments to the best of your ability, participate actively in class activities and group work as directed, and study diligently for exams.

#### IV. Course Policies

Students are expected to read and abide by the course policies located in the instructor-specific syllabus in the blackboard course.

V. Course Requirements:

Requirements	Number of Assignments	Points Possible	Percent of Grade
Discussion Boards	6	300	30
Exams	5	200	20
Written Assignments	3	300	30
Final Research Paper	1	200	20
<b>Total Points</b>		<b>1,000</b>	<b>100</b>

VI. Course at a Glance:

Unit	Reading & Preparation Activities	Graded Work Due
1	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 1-3</li> </ul>	<ul style="list-style-type: none"> <li>Unit 1 Discussion</li> <li>Unit 1 Quiz</li> </ul>
2	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 4-6</li> </ul>	<ul style="list-style-type: none"> <li>Unit 2 Discussion</li> <li>Unit 2 Quiz</li> <li>Unit 2 Written Assignment</li> </ul>
3	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 7-9</li> </ul>	<ul style="list-style-type: none"> <li>Unit 3 Discussion</li> <li>Unit 3 Quiz</li> <li>Unit 3 Written Assignment</li> </ul>
4	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 10 &amp; 12-13</li> </ul>	<ul style="list-style-type: none"> <li>Unit 4 Discussion</li> <li>Unit 4 Quiz</li> <li>Unit 4 Written Assignment</li> </ul>
5	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 13 (review)-15</li> </ul>	<ul style="list-style-type: none"> <li>Unit 5 Discussion</li> <li>Unit 5 Quiz</li> </ul>
6	<ul style="list-style-type: none"> <li>Read <i>Pinel</i> Chapters 16-18</li> </ul>	<ul style="list-style-type: none"> <li>Unit 6 Discussion</li> <li>Unit 6 Final Research Paper</li> </ul>

VII. Other Policies and Requirements

Follow this link to the Southwestern College Professional Studies [Standard Syllabus](#) in Blackboard. You may be required to log in.