
CONTACT INFORMATION

Office: Hyde Hall 208

Instructor: Lora A. Becker, Ph.D.

Office phone: 812-488-2532

Office hours: I can be reached at my office during the hours of 8 – 8:50 Monday, Wednesday, Friday, 8 – 9:10, Tuesday, Thursday, 10 – 10:50 Monday, Wednesday and Friday, and 1 – 1:50 Monday and Wednesday. Others times might be available by appointment.

E-mail: LB47@evansville.edu **I answer e-mail between 6am and 4pm on weekdays. You will get a reply within 24 hours during the weekday. I will answer all weekend e-mail by 9 am on the following Monday.*

COURSE DETAILS

COURSE DESCRIPTION: Neuroscience/Psychology 357 involves the study of brain function and physiological processes as they relate to behavior. Studies function of hormonal mechanisms, nervous system and brain as they relate to emotion, motivation, thinking, learning, memory and other areas of human behavior. Also considers the effect of drugs, electrical stimulation of the brain and other means of behavior control.

RECOMMENDED BACKGROUND: A course in Biology, BIOL100 or higher.

- PSYCHOLOGY DEGREE REQUIREMENT: This course fulfills three credit hours of the twelve hours of psychology courses numbered 300 or above.
- NEUROSCIENCE DEGREE REQUIREMENT: This course is one of the core requirements for the bachelors of Science degree in Neuroscience.
- COGNITIVE SCIENCE DEGREE REQUIREMENT: This course is one of the upper-division requirements for the bachelors of Science degree in Cognitive Science.

CREDIT HOUR POLICY:

This course is worth 3 credit hours and as such has four sessions of class per week lasting 45 minutes each and requires more than three hours of homework outside of class per day. In total, this course meets the federal requirement of 15 in-class hours plus an expected 30 hours of out-of-class work.

UNIVERSITY OF EVANSVILLE LEARNING OBJECTIVES FOR NEUR/PSYC 357:

- You will have the opportunity to master communication, organizational and critical thinking skills when preparing the term paper. (Objective 2)
- You will have the opportunity to gain in depth factual knowledge about the history, various theories and applications of Behavioral Neuroscience through lecture, reading and demonstrations. (Objective 4)

COURSE REQUIREMENTS AND EVALUATION

REQUIRED TEXT: Carlson, N.R., (2012). *Physiology of Behavior (11th ed.)*. Allyn & Bacon. ISBN 978-0205239399

CLASS ATTENDANCE: Attendance at all lectures is required to comply with the University of Evansville Credit Hour Policy.

QUIZZES: Almost every week you will have a quiz covering topics discussed during lecture and read in the corresponding book. Quizzes will be worth 25 points and will consist of *fill-in* and *short answer* questions. Most quizzes are on Mondays, giving you the benefit of studying over the weekend. However, you will find that you need to study more than simply over one weekend. You are allowed to drop the **three** lowest quiz grades from your final grade calculation. A missed quiz it will be calculated as a drop grade. No makeup quizzes will be granted. Pre-makeup quizzes are arranged before a VPAA or Dean of Student sanctioned absence. Quizzes are 40% of your total class grade.

CLASS PRESENTATION: Chapter 15, Neurological Disorders will be lectured by you and your classmates. Students will select a topic from Chapter 15, pair up and give a 10 min. lecture on that topic on one of the following days **11/17-11/29**. Presentations are graded on knowledge of topic, ability to explain topic, PowerPoint design and speaker's ability. The presentation counts as a Quiz grade.

FINAL EXAM: A *comprehensive* final exam will be posted on Bblearn, Friday, December 8. This exam will test your knowledge of facts and comprehension of the fundamental principles in Neuropsychology in an essay format. At the exam, you will answer these questions on notebook paper without assistance from the textbook or your own notes. The final exam is 30% of your total class grade.

TERM PAPER: This paper assignment is made to assess your ability to critically evaluate the research in a given topic area and to allow you to directly apply course material. NEUR/PSYC 357 is part of the neuroscience program Writing-Intensive Courses (Catalogs prior to 2013-2015). You are required to write a 2500 to 3000 word paper that will undergo evaluation and a mandatory revision. The paper is 20% of your total class grade. Each late day, including weekends, will be penalized by a 5-point grade reduction.

Monday, September 7 - Turn in your paper topic, brief outline and due date on in your quiz booklet. I will comment on the appropriateness of your topic and breadth/depth of your outline.

Friday, October 5 - Articles for this paper are due at the quiz. I will evaluate your articles for appropriateness, primary versus secondary source, completeness of search.

Sunday, October 25 - Papers are due on Bblearn or Live Text. See attached rubric to understand how your paper will be evaluated.

Sunday, November 22 - This course has a required paper revision due. Your paper grade may be increased by a letter grade if you successfully revise the paper.

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PAPER REQUIREMENTS

- ✓ Papers should be typed in an APA accepted font, double-spaced with one-inch margins and between 2500 to 3000 words (**not** including title page and reference page). <http://www.wordstopages.com/>
- ✓ Papers should be written in APA format, 6th edition (formatting reference in Library) with separate title and reference pages. NO ABSTRACT should be submitted.
- ✓ Your writing is judged for clarity, presence of personal ideas, critique of the topic area, quality of factual information (Rubric found in Bblearn and LiveText)
- ✓ Reference at least ten **primary sources** not including your textbook. **START EARLY!**
- ✓ Suggested Journals: Archives of General Psychiatry, Behavioral Neuroscience, Brain Research, Journal of Neuroscience, Nature Neuroscience, Neurology, Physiology Biochemistry and Behavior, Physiology and Behavior.
- ✓ Submit your paper by uploading it into the properly named assignment in LiveText and in Bblearn. *If you are a Senior, you may not have a LiveText account. In this case, only upload your papers to the properly named Bblearn assignment link.*

Prior to 2013 - WRITING PROGRAM COURSE: To achieve the goal of graduating students who are truly literate-competent thinkers who can succeed in environments that demand skill in writing-the writing program requires two components:

- Two Writing Intensive Freshmen Seminars: FYS 110 and FYS 120
- A Writing Intensive Component in the student's major. This component will consist of two writing intensive courses or an equivalent experience designed by the department of the major and approved by the Writing Subcommittee.
- A Writing Intensive course is defined as one in which at least 20 pages of formal writing are required and at least half of that writing is revised.

What is Plagiarism?

Plagiarism is defined as *the action or practice of taking someone else's work, idea, etc., and passing it off as one's own* in the [Oxford English Dictionary](#). Below is information posted on the UE Library website;

[The Cite is Right](#)

[You Quote It, You Note It!](#)

[The Plagiarism Court](#)

[What is Plagiarism?](#)

UNIVERSITY OF EVANSVILLE ACADEMIC HONOR CODE

"I understand that any work which I submit for course credit will imply that I have adhered to the Academic Honor Code: I will neither give nor receive unauthorized aid nor will I tolerate an environment which condones the use of unauthorized aid." Failure to honor this code will result in an Honor Code hearing and a possible sanction of **removal from the University**. Using old quizzes to check your understanding of the material is studying. Memorizing old quiz questions only, without conceptual grasp of the material, is considered unauthorized aid.

EXTRA CREDIT: Extra credit is **not** offered in this course

GRADE CALCULATION (calculate by hand, Blackboard can only calculate drop grades at the end of the semester)

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$((\text{Quiz score sum of } 11/275) * .50) + ((\text{Final exam } /70) * .30) + ((\text{Paper}/5) * .20)$

GRADE DISTRIBUTION

95 – 100	A	83 – 86	B	73 – 76	C	60 – 66	D
90 – 94	A-	80 – 82	B-	70 – 72	C-	0 – 59	F
87 – 89	B+	77 – 79	C+	67 – 69	D+		

COURSE CALENDAR

Date	Topic (Carlson chapter)
8/26-8/27	Structure of the Nervous System (3)
8/31	Quiz 1
9/1	LAST DAY TO REGISTER/ADD COURSE
9/1-9/3	Structure and Functions of Cells of the Nervous System (2)
9/7	Quiz 2 PAPER TOPICS AND OUTLINE DUE
9/8-9/10	Psychopharmacology (4) Crick Lecture Thursday. 4:00pm KC 100
9/14	Quiz 3
9/15	Paper Resource Day, Library Session. Bring your computer to the Library
9/16 -9/17	Introduction (1) Methods and Strategies (5)
9/21	Quiz 4
9/22-9/24	Vision (6)
9/28	Quiz 5
9/29-10/1	Audition, the Body Senses, and the Chemical Senses (7)
10/5	Quiz 6 PAPER REFERENCES DUE
10/7 -10/14	Learning & Memory (13) Relational Learning (14) Pharmacology (4) Drug Abuse (18)
10/10-10/13	Fall Break
10/15	PAPER DISCUSSION/CLARIFICATION DAY
10/19	Quiz 7
10/20-10/22	Control of Movement (8)
10/25	PAPER DUE SUNDAY NIGHT BY 11:50 P.M.
10/26	Quiz 8
10/27-10/29	Sleep & Biological Rhythms (9)
11/2	Quiz 9
11/3-11/5	Reproductive Behaviors (10)
11/9	PAPER GRADES AVAILABLE
11/9	Quiz 10
11/10-11/12	Emotion (11) Stress Disorders (17) Crick Lecture Thursday. 4:00pm KC 100
11/12	Thursday LAST DAY TO DROP WITH A 'W'
11/16	Quiz 11
11/17-11/19	Neurological Disorders (15) Presentations Quiz 12
11/22	PAPER REVISIONS DUE
11/23- 11/30	Schizophrenia & Affective Disorders (16)
11/25-11/29	Thanksgiving Break
12/1	Quiz 13 TUESDAY
12/2-12/3	Anxiety, Autistic & Attention-Deficit/Hyperactivity (17)
12/7	Quiz 14
12/8	Question and Answer Day
12/9	Reading/Study Day
12/16	Final Exam at 11:00 A.M. Hyde Hall 204 (2 hours needed)

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WITHDRAWAL POLICIES: A course may be dropped without a designated grade during the first two weeks of a term of the regular academic year. From the third to the eleventh weeks, a grade of 'W' is assigned. After the eleventh week, a grade of 'F' is assigned. Discontinuance of attendance does not automatically constitute a withdrawal. Students failing to file a proper drop/add form by the appropriate deadline must complete classes for which they are registered or received a grade of 'F'. Withdrawal from a course after the deadline requires petition to and approval of the Admissions and Standards Committee and/or the Vice President of Academic Affairs.

Last day to drop without a grade for Fall 2015 is Monday, September 1.

Last day to drop and receive a 'W' for Fall 2015 is Friday, November 13.

INCOMPLETE GRADE POLICY: All coursework is to be completed within the semester it is attempted. If an emergency prevents a student from completing some portion of the required assignments, as instructor may give an 'I' or incomplete grade only if the following circumstances are met:

1. The student's other work in the course could earn a passing grade.
2. The outstanding task can be completed without further class attendance.

Outstanding course work normally should be completed within six weeks of the class ending, but the instructor may allow up to one year from the end of the term for which the 'I' grade is granted. It is the student's responsibility to have this deficiency removed within the agreed upon time or within one year, whichever is less. If no grade change has been submitted by the instructor after the maximum one-year grace period, the registrar is authorized to change all grades of 'I' to 'F'.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES: It is the policy of the University of Evansville to make reasonable accommodations for students with properly documented disabilities. Written notification to faculty from the Office of Counseling and Health Education is required for any academic accommodations. If you are eligible to receive an accommodation and would like to request it for this course, please discuss it with me and allow two-week notice. Otherwise, it is not guaranteed that the accommodation can be received on a timely basis. If you have questions about services for students with disabilities or procedures for requesting services, you may contact the Office of Counseling and Health Education at 488-2663.

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