

Behavioral Neuroscience (PSYC 5352.001/PSYC 6352.001)

Fall 2021

Wednesday, 9:05 a.m. - 11:50 a.m., HPR 262

Instructor: Michael D. Barnett, Ph.D. **Email:** MBarnett@uttyler.edu
Office: HPR 235B **Office Hours:** [Virtual](#), Mondays 9:00-12:00

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COURSE OVERVIEW

A survey of the basic anatomy and neurochemistry of the brain as it relates to both normal and abnormal behavior. This includes every major neurotransmitter of the brain and abnormalities of these systems as they relate to human behavior

TEXTBOOK AND MATERIALS

Required:

Carlson, N. R., & Birkett, M. (2020). *Foundations of behavioral neuroscience* (10th ed.). Pearson.

There will also be assigned PDF readings uploaded into Canvas so check the course schedule.

A student at UT Tyler is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

COURSE REQUIREMENTS: PSYC 5352

Assignment	Points	Final Grade
Exam 1	100	A = 450 - 500
Exam 2	100	B = 400 - 449
Exam 3	100	C = 350 - 399
Exam 4	100	D = 300 - 349
Info Sheet	100	F = 299 and below
Optional Info Sheet 2	(100)	

COURSE REQUIREMENTS: PSYC 6352

Assignment	Points	Final Grade
Exam 1	100	A = 630 - 700
Exam 2	100	B = 560 - 629
Exam 3	100	C = 490 - 559
Exam 4	100	D = 420 - 489
Info Sheet	100	F = 419 and below
Presentation	200	

Attendance: Students are expected to attend and participate in class. Students with more than two unexcused absences will lose one letter grade (i.e., 50 points for PSYC 5352 and 70 points for PSYC 6352).

Exam: Exams will primarily cover material from lecture, readings, and films.

Info Sheet: Students will put together an information sheet covering a summary about a concept (e.g., process, diagnosis, drug) related to behavioral neuroscience. Info Sheet 2 is an optional assignment (PSYC 5352 only) that can be used to replace one other grade that is not a 0.

Presentation (PSYC 6352 only): Students will obtain instructor approval for a topic. Students may utilize PowerPoint, Prezi, or another type of appropriate presentation format for this assignment. Then, students will create a video recording of their presentations and upload it to Canvas.

Late Policy: Assignments receive -2 points for every 24 hours late.

COURSE GUIDELINES

Student Behavior in the Classroom: Please limit distractions and respect others.

Academic Misconduct: Academic misconduct (e.g., cheating, plagiarism) will not be tolerated. All work on course tasks is to be done individually.

COVID Prevention: Students are expected to wear face masks covering their nose and mouth in public settings (including classrooms and laboratories). The UT Tyler community of Patriots views adoption of these practices consistent with its [Honor Code \(Links to an external site.\)](#) and a sign of good citizenship and respectful care of fellow classmates, faculty, and staff.

Students who are feeling ill or experiencing symptoms such as sneezing, coughing, digestive issues (e.g. nausea, diarrhea), or a higher than normal temperature should stay at home and are encouraged to use the [UT Tyler COVID-19 Information and Procedures \(Links to an external site.\)](#) website to review protocols, check symptoms, and report possible exposure. Students needing additional accommodations may contact the Office of Student Accessibility and Resources at University Center 3150, or call (903) 566-7079 or email saroffice@uttyler.edu.

Disability Accommodations: If there is anything I can do to make the course more accessible, please let me know.

TENTATIVE COURSE SCHEDULE

Date	Module	Format	Topics	Due
08/25	1	Online Lecture	<ul style="list-style-type: none"> ● Origins of Behavioral Neuroscience (Ch. 1) ● Structure and Functions of Cells of the Nervous System (Ch. 2) 	
09/01	2	Online Lecture	<ul style="list-style-type: none"> ● Structure and Functions of Cells of the Nervous System – Cont. (Ch. 2) ● Structure of the Nervous System (Ch. 3) 	
09/08	3	In-person Lecture	<ul style="list-style-type: none"> ● Psychopharmacology (Ch. 4) ● Methods and Strategies of Research (Ch. 5) 	● Exam 1 opens 09/08 at 9:05 a.m.
09/15	4	Canvas	Exam 1	● Exam 1 due 09/15 at 11:59 p.m.
09/22	5	Online Lecture	<ul style="list-style-type: none"> ● Vision (Ch. 6) ● Audition, the Body Senses, and the Chemical Senses (Ch. 7) 	
09/29	6	Online Lecture	<ul style="list-style-type: none"> ● Control of Movement (Ch. 8) 	
10/06	7	Online Lecture	<ul style="list-style-type: none"> ● Sleep and Biological Rhythms (Ch. 9) ● Sexual and Reproductive Behaviors (Ch. 10) 	● Exam 2 opens 10/06 at 9:05 a.m.
10/13	8	Canvas	Exam 2	● Exam 2 due 10/13 at 11:59 p.m.
10/20	9	Online Lecture	<ul style="list-style-type: none"> ● Emotion (Ch. 11) 	
10/27	10	Online Lecture	<ul style="list-style-type: none"> ● Ingestive Behavior (Ch. 12) ● Learning and Memory (Ch. 13) 	
11/03	11	In-person Lecture	<ul style="list-style-type: none"> ● Learning and Memory – Cont. (Ch. 13) ● Human Communication (Ch. 14) 	● Exam 3 opens 11/03 at 9:05 a.m.
11/10	12	Canvas	Exam 3	● Exam 3 due 11/10 at 11:59 p.m.
11/17	13	Online Lecture	<ul style="list-style-type: none"> ● Neurological Disorders (Ch. 15) ● Schizophrenia, Affective Disorders, Anxiety Disorders, and Obsessive-Compulsive Disorder (Ch. 16) 	
11/24			THANKSGIVING BREAK	
12/01	14	Online Lecture	<ul style="list-style-type: none"> ● Neurodevelopmental Disorders, Stress, Posttraumatic Stress Disorder, and Substance Use Disorders (Ch. 17) 	<ul style="list-style-type: none"> ● Exam 4 opens 12/01 at 9:05 a.m. ● Info Sheet 1 due 12/01 at 11:59 p.m.
12/08	15	Canvas	Exam 4	<ul style="list-style-type: none"> ● Exam 4 due 12/08 at 11:59 p.m. ● PSYC 5352 Optional Info Sheet 2 due 12/08 at 11:59 p.m. ● PSYC 6352 Poster Presentation due 12/08 at 11:59 p.m.

