

Behavioral Pharmacology (830:463)

Fall 2018

Monday & Thursday 10:20 – 11:40, SEC-217 (Busch Campus)

Instructor: Sara Norton, Behavioral & Systems Neuroscience Graduate Program

Campus Location: Room 222, Psychology Building, Busch Campus

Office Hours: Monday 4:00 – 5:00, or by appointment

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Textbook

Memorable Psychopharmacology by Jonathan Heldt

This textbook is a short and sweet. It was written as more of a handbook for medical students going in to psychiatry. I will expect you to know a lot more about the *mechanisms* of psychopharmacology than a med student, so think of this textbook as an outline of the class – the textbook is a good overview, then my lectures will go cover much more detail. I recommend reading the textbook chapters before the corresponding lecture.

Assessment

Exams (70% of total grade): There will be three exams. Exams 1 and 2 will be a mixture of written and multiple choice questions. The first and second exams will account for 20% of the total grade. The final exam is cumulative and will be all multiple choice. The final exam is worth 30% of your total grade.

Presentations (10% of total grade): Each student is required to make one presentation during the course. I will talk more about presentations as we get closer to them.

In-class Discussions (20% of total grade): Throughout the semester, I will be assigning readings (primary journal articles, case studies, etc.) on the topics we cover in class. In class, we will then have open discussions about the readings and their implications. I expect you to come to class having done the readings and ready to discuss what you have read.

Makeup Exams

I verify all excuses for missing an exam. If you know ahead of time that you will be missing an exam (for a legitimate and verifiable reason, of course), you will be asked to take the exam before the exam date. If this is not possible, the makeup must be taken within three weekdays of the scheduled exam date. Makeup exams will NOT be exactly the same as the exams given on the scheduled date.

Rutgers athletic obligations, religious events, weddings, etc. that are going to interfere with taking the scheduled exams will require that you take the exam earlier than scheduled. It is up to you to anticipate the conflict, and let me know about these upcoming events so I can administer the exam earlier.

Attendance

To accommodate students' reasonable personal situations that might prevent them from attending classes, each student is entitled to absences amounting to 3 classes. Any absence in excess of this standard can prevent students from achieving the course learning outcomes as evaluated by the instructor and may result in a lower grade or an F for the course. Exceptions will be made only under extraordinary circumstances that can be documented.

Attendance means more than just being present in class. It means that you are prepared and participate in each class. Being prepared includes completing all homework that is assigned (including reading), taking part in class activities (such as discussion, group work, peer review), completing your major out-of-class assignments on time, and maintaining a positive learning environment (such as being on time for class).

Lecture Schedule

<u>Class</u>	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>
1	9/06	Neurophysiology	
2	9/11	Neurophysiology	
3	9/13	Neuroanatomy	
4	9/18	Pharmacology Basics // Principals of Behavior	
5	9/20	Pharmacodynamics	
6	9/25	Pharmacodynamics	
7	9/27	Pharmacokinetics	
8	10/2	Exam 1	
9	10/4	Dopamine	
10	10/9	Dopamine	
11	10/11	Dopamine	
12	10/15	Dopamine	
13	10/18	Serotonin	
14	10/22	Serotonin	
15	10/25	Serotonin	
16	10/29	Serotonin	
17	11/01	Norepinephrine	
18	11/05	Norepinephrine	
19	11/08	Norepinephrine	
20	11/12	Exam 2	
21	11/15	Amino Acids	
22	11/26	Amino Acids	
23	11/29	Amino Acids	
24	12/03	Opioids	
25	12/06	Opioids	
26	12/10	<i>Review for final exam</i>	

FINAL EXAM: TBA