

Problems in Psychology (PSY 780-006)
Directed Readings in BNP- Fall 2009
Mondays 2-4:30

Instructors:

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Course Objectives: This is a team-taught course that uses an English “tutorial” style approach to give all entry students in the BNP area a solid background in the areas of neuropharmacology, neuroanatomy and neurophysiology. Your reading assignments are outlined on this syllabus and you should come to class prepared to answer questions related to the readings. You can also use class time to clear up confusion regarding information in the readings. The first 1/3 of the course will be taught by Dr. Mark Prendergast, 1/3 by Dr. Michael Bardo and 1/3 by Dr. Susan Barron. You will arrange the course time with each instructor during their section of the course.

Course Grading: Your grade will be dependent on your performance on 3 written exams (at the end of each of the sections) and by an oral exam covering only material presented in the textbook at the conclusion of the course. The oral will be scheduled individually for each of you and will last approximately 30 minutes. Bardo, Barron and Prendergast will all be present for the oral examination.

Textbook: *Introduction to Neuropsychopharmacology*. Iversen, Iversen, Bloom and Roth. Oxford, 2009.

Date	Topic	Readings
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PRENDERGAST SECTION

Aug 31	Cellular Foundations of Neuropsychopharmacology	Ch 2, 4
Sept 8	Behavioral Foundations of Neuropsychopharmacology <i>(note that this makes up for labor day)</i>	Ch 3
Sept 14	Anatomical Foundations of Neuropsychopharmacology	Readings
Sept 21	Amino Acids	Ch 5
Sept 28	EXAM 1	

BARDO SECTION

Oct 5	Acetylcholine	Ch 6
Oct 12	Catecholamines	Ch 7
Oct 19	Serotonin and Histamine	Ch 8, 9
Oct 26	Neuropeptides and others	Ch 10-12
Nov 2	EXAM 2	

BARRON SECTION

Nov 9	Psychotherapeutics	Ch 14, 15
Nov 16	Addiction and Stimulants	Ch 20, 21
Nov 23	Opiates, Hallucinogens and Cannabis	Ch 22-24
Nov 30	Alcohol and Nicotine	Ch 25, 26
Dec 7	EXAM 3	

(PRENDERGAST, BARDO AND BARRON)

Arranged	FINAL ORAL EXAM DURING FINALS WEEK (DEC 14-18)	
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