

Behavioral Neuroscience (BC 1119)
 Spring 2008 Dr. Russell Romeo Tuesday and Thursdays 4:10-5:25pm
Office Hours: 2-4 Tuesday, Office: Milbank Rm. 415B
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Readings:

Breedlove, Rosenzweig and Watson 2007 (5th Edition). Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience, Sinauer Associates, Inc.

Grades:

Exam #1 = 30%
 Exam #2 = 30%
 Exam #3 = 40%

<u>Schedule:</u>	<u>Reading:</u>	<u>Dates:</u>	<u>Topics:</u>
Week 1	CH 1	(1/22) (1/24)	Introduction Scope and History of Behavioral Neuroscience
Week 2	Appendix CH 2	(1/29) (1/31)	Behavioral Neuroscience Methods Neuroanatomy
Week 3	CH 3	(2/5) (2/7)	Neuroanatomy (<i>continued</i>) Neurophysiology
Week 4	CH 4	(2/12) (2/14)	Neurophysiology (<i>continued</i>) Neurochemistry and Synaptic Transmission
Week 5		(2/19) (2/21)	Neurochemistry and Synaptic Transmission (<i>continued</i>) Neuropharmacology and Q&A
Week 6	CH 6	(2/26) (2/28)	EXAM #1 Comparative Anatomy and Development
Week 7	CH 7 CH 8	(3/4) (3/6)	Comparative Anatomy and Development (<i>continued</i>) Sensory Processing, Touch and Pain
Week 8	CH 9 CH 10	(3/11) (3/13)	Hearing, Taste and Smell Vision
Week 9		(3/25) (3/27)	Vision (<i>continued</i>) and Q & A EXAM #2
Week 10	CH 13	(4/1) (4/3)	Homeostasis: Temperature and Fluid Regulation Homeostasis: Energy Regulation
Week 11	CH 14 CH 12	(4/8) (4/10)	Biological Rhythms Sexual Behavior
Week 12	CH 15 CH 17	(4/15) (4/17)	Emotions, Aggression and Stress Learning and Memory
Week 13	CH 18 CH 16	(4/22) (4/24)	Learning and Memory (<i>continued</i>) Biological Basis of Behavioral Disorders
Week 14		(4/29) (5/1)	Biological Basis of Behavioral Disorders (<i>continued</i>) Course Summary and Q&A
		<u>TBA</u>	EXAM #3