

BIOL 3700

Neuroscience

Spring 2023

Dr. Gannon

Bailey Science Center 2.032, 229-333-5759

Required Text: *Neuroscience*, by Purves et al., 6th Edition

BIOL 3700 Neuroscience

Tentative Lecture Schedule

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Neuroscience
Purves et al.,
6th Ed

Date	Topic	Chapter
1/10	Introduction General Anatomy	1, App.
1/12	Neurons and Glia Brain Imaging Techniques	1
1/17	Ionic Generation of Electrical Impulses	2-3
1/19		
1/24	Channels, Transporters, Synaptic Transmission	4-5
1/26		
1/31	Neurotransmitters, Receptors & 2 nd Messengers	6-7
2/2		
2/7	Exam I	
2/9	Somatic Sensory System & Pain	9, 10
2/14	Vision	11
2/16		
2/21	Central Visual Pathways	12, 20
2/23	Auditory & Vestibular System	13, 14
2/28		
3/2	Chemical Senses	15
3/7	Exam II	
3/9	Spinal Cord & Motor Control (last day to withdraw)	16
3/21	Spinal Cord & Brainstem	16, 17
3/23	Upper Motor Neuron Control of Brainstem & Spinal Cord	17
3/28	Basal Ganglia	18
3/30	Cerebellum	19
4/4	Motor System Diseases Neurological Films	
4/6	Construction of Neural Circuits	23
4/11	Modification of Neural Circuits	8, 25
4/13	Exam III	
4/18	Association Cortices, Language	27, 29, 33
4/20	Sleep	28
4/25	Stem Cells & Repair/Regeneration - Handout	26
4/27	Neurological Diseases Handouts	
5/4	Exam IV 8:00 10:00	