

BIOL 3700

Neuroscience



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

BIOL 3700 Neuroscience

Tentative Lecture Schedule

Spring 2020

*Neuroscience*  
Purves et al.,  
6th Ed

Date	Topic	Chapter
1/14	Introduction – General Anatomy	1, App.
1/16	Neurons and Glia – Brain Imaging Techniques	1
1/21	Ionic Generation of Electrical Impulses	2-3
1/23	No class	
1/28	Channels, Transporters, Synaptic Transmission	4-5
1/30	“ “	
2/4	Neurotransmitters, Receptors & 2 <sup>nd</sup> Messengers	6-7
2/6	“ “	
2/11	<b>Exam I</b>	
2/13	Somatic Sensory System & Pain	9, 10
2/18	Vision	11
2/20	“ “	
2/25	Central Visual Pathways	12, 20
2/27	Auditory & Vestibular System	13, 14
3/3	“ “	
3/5	Chemical Senses	15
3/10	<b>Exam II</b>	
3/12	Spinal Cord & Motor Control <b>(last day to withdraw)</b>	16
3/24	Spinal Cord & Brainstem	16, 17
3/26	Upper Motor Neuron Control of Brainstem & Spinal Cord	17
3/31	Basal Ganglia	18
4/2	Cerebellum	19
4/7	Motor System Diseases – Neurological Films	
4/9	Construction of Neural Circuits	23
4/14	Modification of Neural Circuits	8, 25
4/16	<b>Exam III</b>	
4/21	Association Cortices, Language	27, 29, 33
4/23	Sleep	28