

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 nd Messengers	6-7
2/6	“ “	
2/11	Exam I	
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	Exam II	
3/12	Spinal Cord & Motor Control (last day to withdraw)	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	Exam III	
4/21	Association Cortices, Language	27, 29, 33
4/23	Sleep	28
4/28	Stem Cells & Repair/Regeneration - Handout	26
4/30	Neurological Diseases – Handouts	
5/7	Exam IV 8:00 – 10:00	