LECTURES IN NEUROBIOLOGY: 2025-2026

Date		Topic	Chapters	Speaker
22.10.2025	1	Neuroscience - from molecules to the brain	B2 P1	P. Boguszewski
29.10.2025	2	Cells of the Nervous System: Neurons and glia	B2 P1	P. Boguszewski
05.11.2025	3	Electrical Signals of Nerve Cells I	B3,4P2-4	P. Boguszewski
12.11.2025	4	Electrical Signals of Nerve Cells II	B3,4P2-4	P. Boguszewski
~~19.11.2025~~	~~5~~	~~Synaptic Transmission~~	~~B5 P5~~	~~P. Boguszewski~~
26.11.2025	6	Neurotransmitters and Their Receptors I	B6 P6	P. Boguszewski
03.12.2025	7	Neurotransmitters and Their Receptors II	B6 P6	P. Boguszewski
10.12.2025	8	Anatomy of mammalian central nervous system	B7	P. Boguszewski
17.12.2025	9	The development of nervous system and stem cells	B23 P22	K. Bartkowska
24.12.2025				
31.12.2025				
07.01.2026	10	Chemical senses: olfactory and taste systems	B8P15	R. Dzawadian
14.01.2026	11	Eye and visual system	B9 P11	K. Burnat
21.01.2026				
28.01.2026				
04.02.2026	12	Auditory system	B11 P13	K. Burnat
11.02.2026	13	Somatic sensory system	B12 P9	P. Boguszewski
18.02.2026		**EXAM I**		
25.02.2026	14	Pain and pain control	B12 P10	P. Boguszewski
04.03.2026	15	Spinal control of movement and locomotion	B13 P16,17 K34-43	U. Sławińska
11.03.2026	16	Control of voluntary movements	B14 P18,19 K33-42	U. Sławińska
18.03.2026	17	Emotions and Motivation	B16,18 P29	E. Knapska
25.03.2026	18	The integrative role of hypothalamus		K. Turlejski
01.04.2026	19	Speech and Language	B20 P27	K. Jednoróg
08.04.2026	20	Learning and memory from system perspective	B24 P31	R. Czajkowski
15.04.2026	21	Molecular Mechanisms of Learning and Memory	B25 P31	K. Radwańska
22.04.2026	22	Spatial Memory and Navigation	K65, 67 B15	R. Czajkowski
29.04.2026	23	Brain rhythms, sleep, dreaming	B19 P28	P. Boguszewski
06.05.2026	24	Association cortex, Attention and Consciousness	B21 P26	J. Kamiński
13.05.2026	25	Mental Illness: Anxiety, Affective Disorders, Schizophrenia	B22	A. Barczak
20.05.2026	26	Addiction and drug abuse		K. Radwańska
27.05.2026	27	Molecular basis of neurodegenerative disorders		U. Wojda
03.06.2026	28	Aging and age related pathology	K59	P. Boguszewski
10.06.2026				
17.06.2026		**EXAM II**		

B Bear Neuroscience: Exploring the Brain, 3rd Edition: 8601404347344

P Purves Neuroscience: 9780878936465

K Kandel Principles of Neural Science, Fifth Edition (Principles of Neural Science (Kandel)): 9780071390118

24.09.2025 update:
08.04.2026