

10520DMS 274100 神經生物學 (Neurobiology)

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Grading policy: 30% midterm exam1 (Peng), 30% midterm exam2 (Lo), 30% final term paper (Chang), and 10% attendance.

Course materials on the NTHU's E-learning website, <http://lms.nthu.edu.tw/>

Week	Date	Topic	Lecturer
1	2/15	Introduction to the Nervous System and Cell Biology of the Neuron	Peng
2	2/22	Physiology of the Excitable Membrane	Peng
3	3/01	Signaling at Synapses	Peng
4	3/08	Autonomic Nervous System	Peng
5	3/15	Sensory Systems: Somatosensation and Audition	Peng
6	3/22	midterm exam 1	
7	3/29	Sensory systems: Vision and olfaction	Lo
8	4/05	校際活動週，停課一日	
9	4/12	Control of action: cortical motor system	Lo
10	4/19	Control of action: subcortical motor system	Lo
11	4/26	Sleep and arousal: hypothalamus and brain stem	Lo
12	5/03	The limbic system and prefrontal cortex	Lo
13	5/10	midterm exam 2	
14	5/17	Modern Techniques in Systems Neuroscience	Chang
15	5/24	Neuroethology: What Songbirds tell us	Chang
16	5/31	Non-Associate Learning: Aplysia as an example	Chang
17	6/07	Associate Learning: Rodents in lab	Chang
18	6/14	Evolution of the Brain	Chang