



Department of Physiology, Faculty of Science, Mahidol University

SCBM 261 Physiology for Medical Sciences I (2-2-5)

Date: Aug 4th - Nov 24th, 2026 (Tuesday) Room: SC1-151 Time: 9:00 A.M. – 4:30 P.M.

Course coordinator: Chonlawan Saengjaroentham, PhD. Tel: 02-201-5514

Date	Time	Topics	Instructor
Tue Aug 4	9:00 - 9:15	Course orientation	Chonlawan
	9:15 - 11:15	L1: Homeostasis/body fluid	Nattapon
	13:00 - 15:00	L2: Cell & membrane physiology	Ratchaneewan
Tue Aug 11	9:00 - 11:00	No Class	Tai
	13:00 - 16:30	Lab: Cell physiology (PhysioEx)	Benjamin, Ratchaneewan, TA
Tue Aug 18	9:00 - 11:00	No Class	
	* 12:30-16:30	L3: Neurophysiology	Tai
		L4: Synaptic transmission	Tai
Tue Aug 25	9:00 - 12:00	Group Discussion 1: Cell physiology	Ratchaneewan, TA
	13:00 - 16:30	Lab: Neurophysiology (PhysioEx)	Benjamin, Tai, TA
Tue Sep 1	9:00 - 11:00	L5: Somatosensory system	Chonlawan
	13:00 - 15:00	L6: Motor system I	Chonlawan
Tue Sep 8	9:00 - 11:00	L7: Motor system II	Chonlawan
	13:00 - 15:00	L8: Special senses I	Narattaphol
Tue Sep 15	9:00 - 11:00	L9: Special senses II	Narattaphol
	13:00 - 16:30	Group discussion 2: Sensory & motor system	Chonlawan , TA
Tue Sep 22	9:00 - 11:00	Q&A online	
		9.00-9.30 Nattapon	
		9.30-10.00 Ratchaneewan	
		10.00-11.00 Tai	
	13:00 - 15:00	13.00-14.30 Chonlawan	
Sep 28 - Oct 2	3 hours	Midterm exam: L1-L7	SIM
Tue Oct 6		No Class: Mahidol University's Graduation Ceremony	
Tue Oct 13		No Class: Anniversary of the Death of King Bhumibol	

Date	Time	Topics	Instructor
Tue Oct 20	9:00 - 11:00	L10: Higher functions of the nervous system	Narattaphol
	13:00 - 15:00	L11: Autonomic nervous system	Benjamin
Tue Oct 27	9:00 - 12:00	Group discussion 3: ANS and higher functions of the NS	Narattaphol, TA
	13:00 - 16:30	Lab: Neurological testing I	Benjamin, Chonlawan, TA
Tue Nov 3	9:00 - 12:00	L12: Skeletal muscle	Ratchakrit
	13:00 - 16:30	Lab: Neurological testing II	Benjamin, Chonlawan, TA
Tue Nov 10	9:00 - 11:00	L13: Cardiac and smooth muscle	Ioannis
	13:00 - 16:30	Lab: Muscle (PhysioEx)	Ioannis, TA
Tue Nov 17	9:00 - 12:00	Group discussion 4: Muscle	Ioannis, TA
	13:00 - 16:30	No Class	
Tue Nov 24	9:00 - 11:00	Q&A online	
		9:00 - 10:30 Narattaphol	
		10:30 - 11:00 Benjamin	
		11:00 - 11:30 Ratchakrit	
	13:00 - 15:00	13:00 - 14:30 Ioannis	
Nov 30 - Dec 11	3 hours	Final exam: L8 - L13	SIM