

SCID 503 Systemic Bioscience (3 Credits): Teaching Schedule 2020

Date	Time	Room	Topic	Instructor
Thu, Oct 8	09:00 - 09:30	R503	Course Orientation	Nattapon
	Part 1: Homeostasis, Neurophysiology, Musculoskeletal and Integumentary Systems			
	09:30 - 10:30	R503	Lecture 1: Homeostasis of the Cellular and Body Functions	Nattapon
	10:30 - 12:00	R503	Lecture 2: Overview of the CNS and Central Homeostatic	Witchuda
Fri, Oct 9	09:00 - 10:30	C411	Lecture 3: Regulation Higher Brain Functions	Witchuda
	10:30 - 12:00	C411	Lecture 4: Special Senses	Witchuda
Mon, Oct 12	09:00 - 10:30	R503	Lecture 5: Body Movement and Muscle Physiology	Vitoon
	10:30 - 12:00	R503	Lecture 6: Calcium Homeostasis and Bone Physiology	Ratchaneevan
Tue, Oct 13	Anniversary of the Passing of King Bhumibol Adulyadej			
Thu, Oct 15	09:00 - 10:30	R503	Lecture 7: Skin as a Protective Organ	Somphong
	10:30 - 12:00	R503	Lecture 8: Immune System of the Skin	Somphong
Fri, Oct 16	Self Study			
Mon, Oct 19	09:00 - 12:00	MDL4	Exam 1: Lecture 1 - Lecture 8 (11.5 hours = 92 marks)	
Tue, Oct 20	Part 2: Cardiovascular and Respiratory Systems			
	09:00 - 10:30	R503	Lecture 9: Cardiac Physiology	Jonggonnee
	10:30 - 12:00	R503	Lecture 10: Systemic Circulation	Jonggonnee
Thu, Oct 22	09:00 - 11:00	R503	Lecture 11: Circulatory Control	Jonggonnee
Fri, Oct 23	Chulalongkorn Day			
Mon, Oct 26	09:00 - 10:30	C411	Lecture 12: Pulmonary Ventilation	Tepmanas
	10:30 - 12:00	C411	Lecture 13: Gas Exchange and Transport	Tepmanas
Tue, Oct 27	09:00 - 10:30	R503	Lecture 14: Respiratory Control	Tepmanas
	Part 3: Renal and Gastrointestinal Systems			
	10:30 - 12:00	R503	Lecture 15: Overview of Renal Function	Sunhapas
Thu, Oct 29	09:00 - 10:30	R503	Lecture 16: Fluid, Electrolyte and Acid-Base Balance	Sunhapas
	10:30 - 12:00	R503	Lecture 17: Integrated Function of Renal System	Sunhapas
Fri, Oct 30	09:00 - 12:00	R503	Conference 1: Obstructive Pulmonary Disorders	Pimtip
Mon, Nov 2	Self Study			
Tue, Nov 3	09:00 - 12:00	MDL4	Exam 2: Lecture 9 - Lecture 14 (9.5 hours = 76 marks)	
Thu, Nov 5	09:00 - 10:00	R503	Lecture 18: Structure, Function and Regulation of the Digestive Tract	Narattaphol
	10:00 - 11:00	R503	Lecture 19: Accessory Organs of the Digestive System	Narattaphol
	11:00 - 12:00	R503	Lecture 20: Digestion and Absorption of Nutrients and Electrolyte Transport	Narattaphol
Fri, Nov 6	09:00 - 12:00	R503	Conference 2: Integrated Response to Cardiac Failure	Pansakorn
Mon, Nov 9	Self Study			
Tue, Nov 10	09:00 - 12:00	MDL4	Exam 3: Lecture 15 - Lecture 20 (7.5 hours = 60 marks)	
Thu, Nov 12	Part 4: Endocrine and Reproductive Systems			
	09:00 - 10:00	R503	Lecture 21: Principles of Endocrinology and Pituitary Glands	Nattapon
	10:00 - 11:00	R503	Lecture 22: Endocrine Control of Growth and Development	Nattapon
	11:00 - 12:00	R503	Lecture 23: Hormonal Regulation of Glucose Metabolism	Arthit
Fri, Nov 13	09:00 - 10:00	R503	Lecture 24: Adrenal Glands and Response to Stress	Arthit
	10:00 - 11:00	R503	Lecture 25: Male Reproductive System	Nittaya
	11:00 - 12:00	R503	Lecture 26: Female Reproductive System	Nittaya
Mon, Nov 16	09:00 - 12:00	C411	Conference 3: Diabetic Ketoacidosis	Ratchaneevan
Tue, Nov 17	09:00 - 12:00	R503	Conference 4: Integrated Response to Hemorrhage	Pansakorn
Thu, Nov 19	09:00 - 11:00	MDL4	Exam 4: Lecture 21 - Lecture 26 (6 hours = 48 marks)	