

### SCBM 224 /SCBM 281 Schedule, First Semester, Year 2022

Day	Date	Time	Activity	Room	Instructor
Monday	8 Aug 22	8.30-10.30	Course Orientation <b>Lecture 1:</b> Water and Biomolecules	SC1-152	Jamorn (BC), Mikhail (BC)
		10.30-12.30	<b>Lecture 2:</b> Structure and Functions of Biomolecules 1	SC1-152	Jirundon (BC)
Monday	15 Aug 22	8.30-10.30	<b>Lecture 3:</b> Structure and Functions of Biomolecules 2	SC1-152	Jirundon (BC)
		10.30-12.30	<b>Lecture 4:</b> Protein Structure and Concept of Folding	SC1-152	Jirundon (BC)
Monday	22 Aug 22	8.30-10.30	<b>Lecture 5:</b> Protein Structure and Function / Molecular Assembly	SC1-152	Jirundon (BC)
		10.30-12.30	<b>Lecture 6:</b> Biocatalysis and Enzyme Kinetics	SC1-152	Jirundon (BC)
Monday	29 Aug 22	8.30-10.30	<b>Lecture 7:</b> Carbohydrate Metabolism	SC1-152	Thaned (BC)
		10.30-12.30	<b>Lecture 8:</b> Amino Acids Metabolism	SC1-152	Mikhail (BC)
Monday	5 Sep 22	8.30-10.30	<b>Lecture 9:</b> Lipid Metabolism	SC1-152	Jamorn (BC)
		10.30-12.30	<b>Lecture 10:</b> Heme and Minerals Metabolism	SC1-152	Jamorn (BC)
Monday	12 Sep 22	8.30-10.30	<b>Lecture 11:</b> Citric Acid Cycle / Oxidative Phosphorylation	SC1-152	Tuangporn (BC)
		10.30-12.30	<b>Lecture 12:</b> Nucleotide metabolism	SC1-152	Tuangporn (BC)
Monday	19 Sep 22	8.30-10.30	<b>Lecture 13:</b> Oxidative Stresses and Antioxidants	SC1-152	Laran (BC)
		10.30-12.30	<b>Lecture 14:</b> Nutrition and Vitamins	SC1-152	Mikhail (BC)
Monday	26 Sep 22	10.30-12.30	<b>Formative Evaluation 1:</b> Lecture 1-6	SC1-152	Mikhail (BC), Jirundon (BC)
<b>Midterm Examination 3-7 October 2022</b>					
Monday	10 Oct 22	8.30-10.30	<b>Lecture 15:</b> Integration and Regulation of Metabolism	SC1-152	Jamorn (BC)
		10.30-12.30	<b>Lecture 16:</b> Biochemistry Knowledge and Medicine	SC1-152	Jamorn (BC)
Monday	17 Oct 22	8.30-10.30	<b>Lecture 17:</b> DNA Replication and Repair	SC1-152	Laran (BC)
		10.30-12.30	<b>Lecture 18:</b> RNA and Protein Synthesis	SC1-152	Laran (BC)
<b>Compensation of King RamaV Memorial day 24 October 2022</b>					
Monday	31 Oct 22	8.30-10.30	<b>Lecture 19:</b> Gene Expression and Regulation	SC1-152	Laran (BC)
		10.30-12.30	<b>Lecture 20:</b> DNA Technology	SC1-152	Laran (BC)
Monday	28 Nov 22	13.30-15.30	<b>Formative Evaluation 2:</b> Lecture 7-20	SC1-152	Thaned (BC), Mikhail (BC), Jamorn (BC), Tuangporn (BC), Laran (BC)
<b>Final Examination 6-16 December 2022</b>					