

Schedule for 2310310

GENERAL BIOCHEMISTRY (3 credits)

First semester (2022)

Time: MO, WE, FR 10:00 - 11:00

Co-ordinator: Manchumas,

Room: MHMK 302 (Sec1 and Sec2 เรือน)

Topic	Hrs.	Date	Instructor
1. Foundations of Biochemistry	3	8, 10, 15 Aug	Teerapong
2. Structure and Catalysis			
2.1 Carbohydrates	2	17, 19 Aug	Supaart
2.2 Nucleotides and nucleic acids	3	22, 24, 26 Aug	Supaart
2.3 Lipids	2	29, 31 Aug	Supaart
2.4 Amino acids and proteins	3	2, 5, 7 Sep	Supaart
2.5 Enzymes	4	9, 12, 14, 16 Sep	Teerapong
3. Bioenergetics and Metabolism			
3.1 Overview of bioenergetics and	2	19, 21 Sep	Rath
3.2 Carbohydrate metabolism	4	23, 26, 28, 30 Sep	Rath
Mid-term examination: สอบ 3 - 7 Oct 2022; วันที่ 07-10-2022 เวลา 13:00 - 16:00 น.			
3.3 Lipid metabolism	3	10, 12, 17 Oct	Rath
3.4 Metabolism of N-containing compounds	2	19, 21 Oct	Rath
3.5 Integration of metabolism and metabolic	3	26, 28, 31 Oct	Rath
4. Information pathways			
4.1 DNA replication	2	2, 4 Nov	Nuchanat
4.2 Transcription	2	7, 9 Nov	Nuchanat
4.3 Translation	1	14-Nov	Nuchanat
4.4 Gene regulation	3	16, 18, 21 Nov	Manchumas
4.5 Genetic engineering	2	23, 25 Nov	Manchumas
Final examination: สอบ 28 Nov - 13 Dec 2022; วันที่ 01-12-2022 เวลา 08:30 - 11:30 น.			