

Schedule for 2310310 BBTech ปี 3 (50 คน)

GENERAL BIOCHEMISTRY (3 credits)

First semester (2022)

Time: MO, TU, TH 9:00 - 10:00

Room: Sci05 building/Room 301

Co-ordinator: Pattana

Topic	Hrs.	Date	Instructor
1. Foundations of Biochemistry	3	8, 9, 15 Aug	Teerapong
2. Structure and Catalysis			
2.1 Carbohydrates	2	16, 18 Aug	Veerasak
2.2 Nucleotides and nucleic acids	3	22, 23, 25 Aug	Veerasak
2.3 Lipids	2	29, 30 Aug	Veerasak
2.4 Amino acids and proteins	3	1, 5, 6 Sep	Veerasak
2.5 Enzymes	4	8, 12, 13, 15 Sep	Veerasak
3. Bioenergetics and Metabolism			
3.1 Overview of bioenergetics and metabolism	2	19, 20 Sep	Vorrapon
3.2 Carbohydrate metabolism	4	22, 26, 27, 29 Sep	Vorrapon
Mid-term examination: สอบ 3 - 7 Oct 2022 (TDF)			
3.3 Lipid metabolism	3	10, 11, 17 Oct	Kunlaya
3.4 Metabolism of N-containing compounds	2	18, 20 Oct	Kunlaya
3.5 Integration of metabolism and metabolic regulation	3	25, 27, 31 Oct	Kunlaya
4. Information pathways			
4.1 DNA replication	2	1, 3 Nov	Pattana
4.2 Transcription	2	7, 8 Nov	Pattana
4.3 Translation	1	14-พ.ย.	Pattana
4.4 Gene regulation	3	15, 17, 21 Nov	Pattana
4.5 Genetic engineering	2	22, 24 Nov	Pattana
Final examination: สอบ 28 Nov - 13 Dec 2022 (TDF)			

