

Schedule for 2310310 BBTech ปี 3 (49 + 3 คน)

GENERAL BIOCHEMISTRY (3 credits)

First semester (2024)

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

Co-ordinator: Pattana

Room: Food (SCI05) 301

Topic	Hrs.	Date	Instructor
1. Foundations of Biochemistry	2	5, 6 Aug	Veerasak
2. Structure and Catalysis			
2.1 Carbohydrates	2	8, 13 Aug	Veerasak
2.2 Nucleotides and nucleic acids	3	15, 19, 20 Aug	Veerasak
2.3 Lipids	2	22, 26 Aug	Veerasak
2.4 Amino acids and proteins	3	27, 29 Aug, 2 Sep	Veerasak
2.5 Enzymes	5	3, 5, 9, 10, 12 Sep	Veerasak
3. Bioenergetics and Metabolism			
3.1 Overview of bioenergetics and metabolism	2	16, 17 Sep	Vorrapon
Mid-term examination: สอบ 23 - 27 Sep 2024; 24 Sep 2024 08.30-11.30 a.m.			
3.2 Carbohydrate metabolism	4	30 Sep, 1, 7, 8 Oct	Vorrapon
3.3 Lipid metabolism	3	10, 15, 17 Oct	Kunlaya
3.4 Metabolism of N-containing compounds	2	21, 22 Oct	Kunlaya
3.5 Integration of metabolism and metabolic regulation	3	24, 28, 29 Oct	Kunlaya
4. Information pathways			
4.1 DNA replication	2	31 Oct, 4 Nov	Pattana
4.2 Transcription	2	5, 7 Nov	Pattana
4.3 Translation	1	11-พ.ย.	Pattana
4.4 Gene regulation	3	12, 14, 18 Nov	Pattana
4.5 Genetic engineering	2	19, 21 Nov	Pattana
Final-term examination: สอบ 25 Nov - 9 Dec 2024; 26 Nov 2024 08.30-11.30 a.m.			