

Schedule for 2310310 BBTech ปี 3 (52 คน)			
GENERAL BIOCHEMISTRY (3 credits)			
First semester (2023)			
Time: MO, TU, TH 9:00 - 10:00		Co-ordinator: Pattana	
Room: Food (SCI05) 301			
Topic	Hrs.	Date	Instructor
1. Foundations of Biochemistry	2	7, 8 Aug	Veerasak
2. Structure and Catalysis			
2.1 Carbohydrates	2	10, 15 Aug	Veerasak
2.2 Nucleotides and nucleic acids	3	17, 21, 22 Aug	Veerasak
2.3 Lipids	2	24, 28 Aug	Veerasak
2.4 Amino acids and proteins	3	29, 31 Aug, 4 Sep	Veerasak
2.5 Enzymes	5	5, 7, 11, 12, 14 Sep	Veerasak
3. Bioenergetics and Metabolism			
3.1 Overview of bioenergetics and metabolism	2	18, 19 Sep	Vorrapon
<b>Mid-term examination: สอบ 25 - 29 Sep 2023; (TDF)</b>			
3.2 Carbohydrate metabolism	4	2, 3, 5, 9 Oct	Vorrapon
3.3 Lipid metabolism	3	10, 12, 16 Oct	Kunlaya
3.4 Metabolism of N-containing compounds	2	17, 19 Oct	Kunlaya
3.5 Integration of metabolism and metabolic	3	24, 26, 30 Oct	Kunlaya
4. Information pathways			
4.1 DNA replication	2	31 Oct, 2 Nov	Pattana
4.2 Transcription	2	6, 7 Nov	Pattana
4.3 Translation	1	9-พ.ย.	Pattana
4.4 Gene regulation	3	13, 14, 16 Nov	Pattana
4.5 Genetic engineering	2	20, 21 Nov	Pattana
<b>Final-term examination: สอบ 27 Nov- 12 Dec 2023; (TDF)</b>			