

Schedule for 2310310				
GENERAL BIOCHEMISTRY (3 credits)				
First semester (2024)				
Time: MO, WE, FR 10:00 - 11:00		Co-ordinator: Manchumas, Supaart		
Room: ดูรูปผ่านขวามือ			Section 1	Section 2
Topic	Hrs.	Date	Instructor	
1. Foundations of Biochemistry	2	5, 7 Aug	Supaart	Kunlaya
2. Structure and Catalysis				
2.1 Carbohydrates	2	9, 14 Aug	Supaart	Kunlaya
2.2 Nucleotides and nucleic acids	3	16, 19, 21 Aug	Supaart	Kunlaya
2.3 Lipids	2	23, 26 Aug	Supaart	Kunlaya
2.4 Amino acids and proteins	3	28, 30 Aug, 2 Sep	Supaart	Kunlaya
2.5 Enzymes	5	4, 6, 9, 11, 13 Sep	Manchumas	Supaart
3. Bioenergetics and Metabolism				
3.1 Overview of bioenergetics and metabolism	2	16, 18 Sep	Rath	Vorrapon
3.2 Carbohydrate metabolism	4	20, 30 Sep, 7, 9 Oct	Rath	Vorrapon
Mid-term examination: สอบ 23 - 27 Sep 2024; 27 ก.ย. 2567 เวลา 13:00-16:00 น.				
3.3 Lipid metabolism	3	11, 16, 18 Oct	Rath	Vorrapon
3.4 Metabolism of N-containing compounds	2		Rath	Vorrapon
3.5 Integration of metabolism and metabolic regulation	3	28, 30 Oct, 1 Nov	Rath	Vorrapon
4. Information pathways				
4.1 DNA replication	2	4, 6 Nov	Nuchanat	Manchumas
4.2 Transcription	2	8, 11 Nov	Nuchanat	Manchumas
4.3 Translation	1	13-Nov	Nuchanat	Manchumas
4.4 Gene regulation	3	15, 18, 20 Nov	Nuchanat	Manchumas
4.5 Genetic engineering	2	11/22/2024, 1 hr to be arranged	Nuchanat	Manchumas
Final-term examination: สอบ 25 Nov - 9 Dec 2024; 28 พ.ย. 2567 เวลา 8:30-11:30 น.				

Section	Type	Date	Time	Building	Room	Instructors	Remark	Register
1	LECT	MO	10:00 - 11:00	PHYS1	212	STAFF	BIO(31),ZOO(11),MICRO(59+48),GENET(28),ENVI(62)	0/239
	LECT	WE FR	10:00 - 11:00	TAB	222	STAFF	BIO(31),ZOO(11),MICRO(59+48),GENET(28),ENVI(62)	
2	LECT	MO WE FR	10:00 - 11:00	MHMK	302	STAFF	CHEM(108),FOOD(84),BIOCHEM(49)	0/241