

Schedule for 2310310				
GENERAL BIOCHEMISTRY (3 credits)				
First semester (2025)				
Time: MO, WE, FR 10:00 - 11:00		Co-ordinator: Manchumas, Supaart		
Room: ดูรูปด้านขวามือ			Section 1	Section 2
Topic	Hrs.	Date	Instructor	
1. Foundations of Biochemistry	2	4, 6 Aug	Supaart	Kunlaya
2. Structure and Catalysis				
2.1 Carbohydrates	2	8, 13 Aug	Supaart	Kunlaya
2.2 Nucleotides and nucleic acids	3	15, 18, 20 Aug	Supaart	Kunlaya
2.3 Lipids	2	22, 25 Aug	Supaart	Kunlaya
2.4 Amino acids and proteins	3	27, 29 Aug, 1 Sep	Supaart	Kunlaya
2.5 Enzymes	5	3, 5, 8, 10, 12 Sep	Manchumas	Supaart
3. Bioenergetics and Metabolism				
3.1 Overview of bioenergetics and metabolism	2	15, 17 Sep	Rath	Vorrapon
3.2 Carbohydrate metabolism	4	19, 29 Sep, 1, 3 Oct	Rath	Vorrapon
Mid-term examination: 22 - 26 Sep 2025; 26 Sep 2025 13:00 - 16:00 น.				
3.3 Lipid metabolism	3	6, 8, 10 Oct	Rath	Vorrapon
3.4 Metabolism of N-containing compounds	2	15, 17 Oct	Rath	Vorrapon
3.5 Integration of metabolism and metabolic regulation	3	20, 22, 24 Oct	Rath	Vorrapon
4. Information pathways				
4.1 DNA replication	2	27, 29 Oct	Nuchanat	Manchumas
4.2 Transcription	2	31 Oct, 3 Nov	Nuchanat	Manchumas
4.3 Translation	1	5-Nov	Nuchanat	Manchumas
4.4 Gene regulation	3	7, 10, 12 Nov	Nuchanat	Manchumas
4.5 Genetic engineering	2	14, 17 Nov	Nuchanat	Manchumas
Final-term examination: 24 Nov - 8 Dec 2025; 27 Nov 2025 08:30 - 11:30 น.				

	Section	Type	Date	Time	Building	Room	Instructors	Remark	Register
	1	LECT	MO	10:00 - 11:00	MHMK	208	SSM,MHP,RPK,NWK	BIO(39),ZOO(9),MICRO(48),ENV(57),GENET(33),BOT(24)	0/210
		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	KSW,SSM,VCS,MHP	CHEM(102),FOOD(62),BIOCHEM(54)	0/218