

Schedule for 2310381		
BIOCHEMISTRY LABORATORY FOR BIOENGINEERINGS (1 credit)		
Second semester (2024)		
Time: Thursday 9.00 - 12.00	Co-ordinator: Supaart Sirikantaramas (supaart.s@chula.ac.th)	
Room: SCI10 603		
Topic	Date	Instructor
Orientation	9-Jan	Supaart
1. Structural analysis (I)	16-Jan	Kuakarun, Thanyada
2. Structural analysis (II)	23-Jan	Thanyada, Kuakarun
Discussion (1 and 2,)	30-Jan	Kuakarun, Thanyada
3. Bioinformatics	6-Feb	Teerapong, Thanyada
Discussion (3)	13-Feb	Teerapong
4. Protein	20-Feb	Tanakarn, Kunlaya
Mid-term examination: สอบ 3 - 7 Mar 2025; (Lab 1 to 3) TDF		
5. Enzyme	13-Mar	Supaart, Manchumas
Discussion (4, 5)	20-Mar	Tanakarn, Supaart
6. Carbohydrate metabolism	27-Mar	Pawinee, Saowarath
7. PCR	3-Apr	Vorrapon, Pattana
8. Basic genetic engineering techniques	10-Apr	Vorrapon, Pattana
Discussion (6, 7, 8)	17-Apr	Pawinee, Vorrapon
9. Gene regulation + Discussion	24-Apr	Kittikhun (ตามเดิม), Anchalee
Final-term examination: สอบ 28 Apr - 14 May 2025; Final examination 40% (written exam): (Lab 4 to 9) TDF		

Quiz 5%

Attendance 5%

Performance 5%

Report 20%