

Schedule for 2310381

BIOCHEMISTRY LABORATORY FOR BIOENGINEERINGS (1 credit)

Second semester (2022)

Time: Thursday 9.00 - 12.00

Co-ordinator: Supaart Sirikantaramas (supaart.s@chula.ac.th)

Room: SCI10 603

Topic	Date	Instructor
Orientation	12-ม.ค.	Supaart
1. Structural analysis (I)	19-ม.ค.	Kuakarun, Thanyada
2. Structural analysis (II)	26-ม.ค.	Thanyada, Kuakarun
Discussion (1 and 2,)	2-ก.พ.	Kuakarun, Thanyada
3. Bioinformatics	9-ก.พ.	Teerapong, Thanyada
Discussion (3)	16-ก.พ.	Teerapong
4. Protein	23-ก.พ.	Tanakarn, Kunlaya
5. Enzyme	2-มี.ค.	Supaart, Manchumas
Mid-term examination 25% (computer-based): 7-13 Mar (Lab 1 to 3)		
6. Carbohydrate metabolism	16-มี.ค.	Saowarath, Pawinee
7. PCR	23-มี.ค.	Vorrapon, Pattana
8. Basic genetic engineering techniques	30-มี.ค.	Vorrapon, Pattana
Discussion (lab 4-8)	20-เม.ย.	Tanakarn, Supaart, Saowarath, Vorrapon
9. Gene regulation	27-เม.ย.	Kittikhun, Anchalee
Final examination 40% (written exam): 8 - 19 May; Lab 4 to 9		

Quiz 5%

Attendance 5%

Performance 5%

Report 20%