

Schedule for 2310612

ADVANCED BIOCHEMISTRY AND MOLECULAR BIOSCIENCES (2 credits)

First semester (2023)

Time: WE 9.00-11.00, TH 10.00-12.00

Co-ordinator: Kittikhun

Room: 519 SCI10

Class end before midterm

Topic	Hrs.	Date	Instructor
Protein and enzyme			
1. Structure and function relationships of proteins	8	9, 10, 16, 17 Aug	Kuakarun
2. Enzyme, enzyme kinetics (two-substrate system) and catalytic mechanisms	8	23, 24, 30, 31 Aug	Kittikhun
Examination I (นัดสอบเอง)			
Gene regulations in prokaryotes and eukaryotes			
3. Gene regulation, gene expression and transcriptional regulation	6	6, 7, 13 Sep	Teerapong
4. Translation	4	14, 20 Sep	Tanakarn
5. Methodology in molecular biology : Gene cloning and transformation, expression analysis, etc.	4	21, 27 Sep (reschedule as see fit)	Tanakarn

Examination II: (Mid-term examination: สอบ 25 - 29 Sep 2023) [TDF]