

Schedule for 2310612

ADVANCED BIOCHEMISTRY AND MOLECULAR BIOSCIENCES (2 credits)

First semester (2022)

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	10, 11, 17, 18 Aug	Kuakarun
2. Enzyme, enzyme kinetics (two-substrate system) and catalytic mechanisms	8	24, 25, 31 Aug, 1 Sep	Kittikhun
Examination I (นัดสอบเอง)			
Gene regulations in prokaryotes and eukaryotes			
3. Gene regulation, gene expression and transcriptional	6	7, 8, 14 Sep	Teerapong
4. Translation	4	15, 21 Sep	Tanakarn
5. Methodology in molecular biology : Gene cloning and transformation, expression analysis, etc.	4	22, 28 Sep	Tanakarn
Examination II: midterm exam จัดสอบโดยคณะ (Mid-term examination: สอบ 3 - 7 Oct 2022) [TDF]			