

Schedule for 2310612			
ADVANCED BIOCHEMISTRY AND MOLECULAR BIOSCIENCES (2 credits)			
First semester (2024)			
Time: TU 10.00 - 12.00, WE 9.00-11.00	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	6, 7, 13, 14 Aug	Rath
2. Enzyme, enzyme kinetics (two-substrate system) and catalytic mechanisms	8	20, 21, 27, 28 Aug	Kittikhun (ตามเดิม)
Examination I (นัดสอบเอง)			
Gene regulations in prokaryotes and eukaryotes			
3. Gene regulation, gene expression and transcriptional regulation	6	3, 4, 10 Sep	Teerapong
4. Translation	4	11, 17 Sep	Tanakarn
5. Methodology in molecular biology : Gene cloning and transformation, expression analysis, etc.	4	18 Sep and one more period outside of the schedule	Tanakarn
Examination II: (Mid-term examination: สอบ 23 - 27 Sep 2024) [TDF]			