

Online

Schedule for 2310336  
PRINCIPLES OF BIOPHYSICAL TECHNIQUES (2 credits)  
Second semester (2021)

Time: WE 09.00 - 11.00				
Room: 521-SCH10 เรียน online		Co-ordinator: Kuakarun (kuakarun.k@chula.ac.th)		
Online platform		1. Microsoft Teams name: "2310336_Prin Biophys Tech_2021", Teams code: 6q7r303		
		2. CourseVile: 2310336		
Topic	Hrs.	Date	Learning Method	Instructor
Mass spectrometry and Molecular weight determination				
· mass spectrometry	3	12, 19 Jan 2022	Live online class: MT	Kuakarun
· electrophoresis, d	2	19, 26 Jan 2022	Live online class: MT	Kuakarun
· equilibrium ultra	3	26 Jan, 2 Feb 2022	Live online class: MT	Kuakarun
Spectroscopy				
· Photospectroscopy	2	2 Feb 2022	Self-learning via video clip: MT	Tanakarn
· Fluorescence spe	4	9, 23 Feb 2022	Live online class: MT	Tanakarn
Three-dimensional structure determination of macromolecules				
· NMR	2	2 March 2022	Live online class: MT	Kuakarun
<b>Mid-term examination 7 - 11 Mar 2022: 7 Mar 2565 (13:00-16:00)</b>				
Three-dimensional structure determination of macromolecules (cont.)				
· X-ray diffraction	3	23 March 2021 23 (= 1	Live online class: MT	Kuakarun
· cryo-EM	2	30 March 2021	Self-learning via video clip: MT	Kuakarun
Biocalorimetry				
· Isothermal titrat	2	20 April 2022	Live online class: MT	Kuakarun
· differential scann	2	27 April 2022	Live online class: MT	Kuakarun
Presentation/Disc	3	นัดเพิ่มนอกเวลา	Live online class: MT	Kuakarun
<b>Final examination 9 - 24 May 2022: 10 May 2565 (8:30-11:30)</b>				

\* เรียนต่อเนื่อง หรือนัดนอกเวลา

Quiz, Presentation, Assignment 10%

Exam 90%