

Schedule for 2310336
 PRINCIPLES OF BIOPHYSICAL TECHNIQUES (2 credits)
 Second semester (2019)

Time: WE 09.00 - 11.00

Room: 521 SCI10

Co-ordinator: Kuakarun

Topic	Hrs.	Date	Instructor
Mass spectrometry and Molecular weight determination			
· mass spectrometry	3	8 Jan 2020 (3 h)	Kuakarun
· electrophoresis, osmosis pressure	2	22 Jan 2020	Kuakarun
· equilibrium ultracentrifugation	3	5 Feb 2020 (3 h)	Kuakarun
Spectroscopy			
· Photospectroscopy	2	12 Feb 2020	Tanakarn
· Fluorescence spectroscopy	4	19, 26 Feb 2020	Tanakarn
Mid-term examination:			
Three-dimensional structure determination of macromolecules	9	11, 18, 25 March 2020, 8, 22, 29 April	Kuakarun
· X-ray diffraction		11 March 2020 (3 h*)	
· NMR		18 March 2020 (3 h*)	
· cryo-EM		25 March 2020 (3 h*)	
Biocalorimetry	5		Kuakarun
· Isothermal titration calorimetry		8, 22 April 2020	
· differential scanning calorimetry		22, 29 April 2020	
Final examination:			

* เรียนต่อเนื่อง หรือนัดนอกเวลา

