

Schedule for 2310503
 PLANT BIOCHEMISTRY (3 credits)
 First semester (2019)

Time: WE, TH, FR 09.00 - 10.00

Room: 503 SCI10

Co-ordinator: Supaart

Topic	Hrs.	Date	Instructor
Introduction	1	Aug 14	Supaart
A. Plant Cells, Genomes and Transport			
1. Plant origins	1	Aug 15	Supaart
2. Plant genomes	3	Aug 16, 21, 23	Supaart
3. Plant cells and membrane transport	2	Aug 28, 29	Supaart
B. Plant Energy			
1. Photosynthesis	3	Aug 30, Sep 4, 5	Saowarath
2. Respiration and Photorespiration	3	Sep 6, 11, 12	Saowarath
C. Plant Metabolism and Adaptation			
1. Carbohydrate metabolism	7	Sep, 13, 18, 19, 20, 25, 26, 27	Teerapong
Mid-term examination:			
2. Lipid metabolism	3	Oct 2, 16, 17	Supaart
3. Nitrogen and sulfur metabolism	4	Oct 18, 24, 25, 30	Supaart
4. Metabolism under stress	3	Oct 31, Nov 1, 6	Saowarath
D. Plant Hormones			
1. Biochemistry and metabolism	6	Nov 7, 8, 13, 14, 15, 20	Tanakarn
2. Signaling pathways			
E. Plant Biochemical Applications			
1. Natural products	3	Nov 21, 22, 27	Saowarath
2. Domestication and Economic crop products	2	Nov 28, 29	Saowarath
Final examination:			