

Schedule for 2310503

PLANT BIOCHEMISTRY (3 credits)

First semester (2022)

Time: WE, TH, FR 09.00 - 10.00

Co-ordinator: Supaart

Room: 503 SCI10

Topic	Hrs.	Date	Instructor
Introduction	1	Aug 10	Supaart
A. Plant Cells, Genomes and Transport			
1. Plant origins	1	Aug 17	Supaart
2. Plant genomes	3	Aug 18, 19, 24	Supaart
3. Plant cells and membrane transport	2	Aug 25, 26	Supaart
B. Plant Energy			
1. Photosynthesis	3	Aug 31, Sep 1, 2	Saowarath
2. Respiration and Photorespiration	3	Sep 7, 8, 9	Saowarath
C. Plant Metabolism and Adaptation			
1. Carbohydrate metabolism	6	Sep 14, 15, 16, 21, 22, 23	Pawinee
2. Lipid metabolism (หัวข้อนี้จะรวมกับการสอบปลายภาค)	3	Sep 28, 29, Oct 30	Supaart
Mid-term examination: สอบ 3 Oct - 7 Oct 2022 [วันที่ 4-Oct-2022 เวลา 08:30 - 11:30 น.]			
3. Nitrogen and sulfur metabolism	4	Oct 12, 19, 20, 21	Supaart
4. Metabolism under stress	3	Oct 26, 27, 28	Saowarath
D. Plant Hormones			
1. Biochemistry and metabolism	6	Nov 2, 3, 4, 9, 16, 17	Tanakarn
2. Signaling pathways			
E. Plant Biochemical Applications			
1. Natural products	3	Nov 18, 23, 24	Saowarath
2. Domestication and Economic crop products	2	Nov 25 + นัดนอก	Saowarath
Final examination: สอบ 28 Nov - 13 Dec 2022 [วันที่ 01-12-2022 เวลา 13:00 - 16:00 น.]			