

Schedule for 2310503

PLANT BIOCHEMISTRY (3 credits)

First semester (2020)

Time: WE, TH, FR 09.00 - 10.00

WE, TH, FR: Room: 503 live teaching

WE room 504 (sit in online learning)

TH, FR 519 (sit in online learning)

Co-ordinator: Supaart

Topic	Hrs.	Date	Instructor
Introduction	1	Aug 13	Supaart
A. Plant Cells, Genomes and Transport			
1. Plant origin	1	Aug 14	Supaart
2. Plant genome	3	Aug 19, 20, 21	Supaart
3. Plant cell and membrane transport	2	Aug 26, 27	Supaart
B. Plant Energy			
1. Photosynthesis	3	Aug 28, Sep 2, 3	Saowarath
2. Respiration and Photorespiration	3	Sep 4, 9, 10	Saowarath
C. Plant Metabolism and Adaptation			
1. Carbohydrate metabolism	7	Sep 11, 16, 17, 18, 23, 24, 25	Pawinee
Mid-term examination:			
2. Lipid metabolism	3	Oct 14, 15, 16	Supaart
3. Nitrogen and sulfur metabolism	4	Oct 21, 22, 28, 29	Supaart
4. Metabolism under stress	3	Oct 30, Nov 4, 5	Saowarath
D. Plant Hormone			
1. Biochemistry and metabolism	6	Nov 6, 11, 12, 13, 18, 19	Tanakarn
2. Signaling pathway			
E. Plant Biochemical Applications			
1. Natural products	3	Nov 20, 25, 26	Saowarath
2. Domestication and Economic crop products	2	Nov 27, นัดเพิ่ม	Saowarath
Final examination:			