

Schedule for 2310503			
PLANT BIOCHEMISTRY (3 credits)			
First semester (2024)			
Time: WE, TH, FR 09.00 - 10.00		Co-ordinator: Supaart	
Room: 503 SCI10			
Topic	Hrs.	Date	Instructor
Introduction	1	Aug 7	Supaart
A. Plant Cells, Genomes and Transport			
1. Plant origins	1	Aug 8	Supaart
2. Plant genomes	3	Aug 9, 14 15	Supaart
3. Plant cells and membrane transport	2	Aug 16, 21	Supaart
B. Plant Energy			
1. Photosynthesis	3	Aug 22, 23, 28	Saowarath
2. Respiration and Photorespiration	3	Aug 29, 30	Saowarath
C. Plant Metabolism and Adaptation			
1. Carbohydrate metabolism	6	Sep 4, 5, 6, 11 ,12, 13	Pawinee
2. Lipid metabolism (หัวข้อนี้จะรวมกับการสอบปลายภาค)	3	Sep 18, 19, 20	Supaart
Mid-term examination: สอบ 23 - 27 Sep 2024; 24 ก.ย. 2567 เวลา 8:30-11:30 น.			
3. Nitrogen and sulfur metabolism	4	Oct 9, 10, 11, 16	Supaart
4. Metabolism under stress	3	Oct 17, 18, 24	Saowarath
D. Plant Hormones			
1.Biochemistry and metabolism	6	Oct 25, 30, 31 Nov 1, 6, 7	Tanakarn
2. Signaling pathways			
E. Plant Biochemical Applications			
1. Natural products	3	Nov 13, 14, 15	Saowarath
2. Domestication and Economic crop products	2	Nov 20, 21	Saowarath
Final-term examination: สอบ 25 Nov - 9 Dec 2024; 28 พ.ย. 2567 เวลา 13:00-16:00 น.			