

Schedule for 2310503			
PLANT BIOCHEMISTRY (3 credits)			
First semester (2021)			
Time: TH 09.00 - 10.00 & 16.00 - 17.00, FR 09.00 - 10.00		Co-ordinator: Supaart	
Room: 503-SCH0			
MT code: xs9da9j			
Topic	Hrs.	Date	Instructor
Introduction	1	Aug 13	Supaart
<b>A. Plant Cells, Genomes and Transport</b>			
1. Plant origins	1	Aug 13	Supaart
2. Plant genomes	3	Aug 19,20	Supaart
3. Plant cells and membrane transport	2	Aug 26, 27	Supaart
<b>B. Plant Energy</b>			
1. Photosynthesis	3	Aug 27, Sep 2, 3	Saowarath
2. Respiration and Photorespiration	3	Sep 3, 9	Saowarath
<b>C. Plant Metabolism and Adaptation</b>			
1. Carbohydrate metabolism	6	Sep 10, 16, 17, 23	Pawinee
<b>Mid-term examination: สอบ 27 Sep - 1 Oct 2021 [28-Sep-2021, 08:30 - 11:30]</b>			
2. Lipid metabolism	3	Oct 7, 8	Supaart
3. Nitrogen and sulfur metabolism	4	Oct 14, 15, 21	Supaart
4. Metabolism under stress	3	Oct 28, 29	Saowarath
<b>D. Plant Hormones</b>			
1. Biochemistry and metabolism	6	Nov 4, 5, 11, 12	Tanakarn
2. Signaling pathways			
<b>E. Plant Biochemical Applications</b>			
1. Natural products	3	Nov 18, 19	Saowarath
2. Domestication and Economic crop products	2	Nov 25,26	Saowarath
<b>Final examination: สอบ 29 Nov - 14 Dec 2021 [02-Dec-2021, 13:00 - 16:00]</b>			