

## Schedule for 2310333

METABOLISM AND BIOCHEMICAL REGULATION (3 credits)

Second semester (2022)

Time: MO 10.00 - 11.00 / TH 9.00 - 11.00

Co-ordinator: Nuchanat

**Room: 521**

Topic	Hrs.	Date	Instructor
Biological membranes and transport	6	9, 12, 16, 19 Jan 2023	Kittikhun
Biochemical Signaling	5	23, 26, 30 Jan; 2 (1 h) Feb 2023	Kittikhun
Bioenergetics	2	2 (1 h), 6 Feb 2023	Vorrapon
Glycolysis and gluconeogenesis	4	9, 13, 16 (1 h) Feb 2023	Vorrapon
The metabolism of glycogen in animal	2	16 (1 h), 20 Feb 2023	Vorrapon
The citric acid cycle	3	20, 23 Feb 2023	Vorrapon
Oxidative phosphorylation and photophosphorylation	3	27 Feb; 2 March 2023	Nuchanat
<b>Mid-term examination: 7-13 March 2023; 9 มี.ค. 2566 เวลา 8:30-11:30 น.</b>			
Carbohydrate biosynthesis in plants	2	16 March 2023	Nuchanat
Fatty acid catabolism	3	20, 23 March 2023	Nuchanat
Lipid biosynthesis	3	27, 30 March 2023	Nuchanat
Amino acid metabolism	2	3, 10 April 2023	Veerasak
Biosynthesis and degradation of nucleotides	2	20 April 2023	Veerasak
Metabolic regulation, integration and hormonal regulation of mammalian metabolism	6	24, 27 April; 1 May 2023 (ที่เหลือนัดนอกเวลา)	Nuchanat
<b>Final examination: 8-19 May 2023; 17 พ.ค. 2566 เวลา 13:00-16:00 น.</b>			