

Online

Schedule for 2310521
METABOLIC ENGINEERING (2 credits)
Second semester (2021)

Time: TH 10.00 - 12.00

Room: 519-SCI10

เรียน online Co-ordinator: Alisa

Topic	Hrs.	Date	Instructor
1. Review : metabolic pathways 1.1 Fuel reactions 1.2 Biosynthesis	6	Jan 13, 20, 27	Nuchanat
2. Concepts of metabolic engineering 2.1 Comprehensive models	4	Feb 3, 10	Kuakarun
3. Regulation of metabolic pathway and metabolic flux analysis 3.	4	Feb 17, 24	Kuakarun
Mid-term examination: สอบ 7 - 11 Mar 2022			
4. Metabolic engineering for extension of product spectrum and no	8	March 3, 17, 24	Saowarath
5. Metabolic engineering for enhancement of product yield and pr	4	April 7, 21	Alisa
6. Metabolic engineering for environmental biotechnology 6.1 Me	4	April 28, May 5	Alisa
Final examination: สอบ 9 - 24 May 2022			