



Chulabhorn Graduate Institute
0401404 Foundation Organic Chemistry

Course Description:

Periodic table of elements, different types of organic reactions, stereochemistry and conformation of organic compounds, basic principle of spectroscopy for organic compounds and biomolecules and writing reaction mechanism.

Course Coordinator: Rungroj Saruengkhanphasit, Ph.D.

Course Category: Required Course

Duration: 18th June 2021 to 9th August 2021

Time: See Schedule

Place: Teleconference room 3rd Floor (teaching via Zoom application), CGI Building

Grading Scheme:	Midterm Examination	50%
	Final Examination	40%
	Class participation	10%

Tentative Schedule

Date	Topic	Lecturer
18 th June 2021 13:00 – 16:00	Periodic table	RS
21 st June 2021 13:30 – 15:30	Stereochemistry 1	WN
23 rd June 2021 13:30 – 15:30	Stereochemistry 2	WN
25 th June 2021 13:30 – 15:30	Stereochemistry 3	WN
28 th June 2021 13:30 – 15:30	Basic Principles of spectroscopy 1	NT

30 th June 2021 13:30 – 15:30	Basic Principles of spectroscopy 2	NT
2 nd July 2021 13:30 – 15:30	Basic Principles of spectroscopy 3	NT
5 th July 2021 13:30 – 15:30	Basic Principles of spectroscopy 4	WJ
12 th July 2021 13:00 – 16:00	Midterm Examination	Staff
14 th July 2021 13:30 – 15:30	Substitution & Elimination 1	RS
16 th July 2021 13:30 – 15:30	Substitution & Elimination 2	RS
19 th July 2021 13:30 – 15:30	Substitution & Elimination 3	RS
21 st July 2021 13:30 – 15:30	Oxidation & Reduction 1	WN
23 rd July 2021 13:30 – 15:30	Oxidation & Reduction 2	WN
30 th July 2021 13:30 – 15:30	Writing Reaction Mechanism 1	JT
2 nd August 2021 13:30 – 15:30	Writing Reaction Mechanism 2	JT
9 th August 2021 13:00 – 16:00	Final Examination	Staff

Lecturers:

Jumreang Tummatorn, Ph.D., Associate Professor (JT)

Nopporn Thasana, Ph.D., Associate Professor (NT)

Rungroj Saruengkhanphasit, Ph.D. (RS)

Watthanachai Jumpathong, Ph.D. (WJ)

Worawat Niwetmarin, Ph.D. (WN)