



**Chulabhorn Graduate Institute**  
**0401403 Foundation Organic Chemistry for Chemical Biology**

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**Course Description:**

Periodic table of elements, stereochemistry and conformation of organic compounds, basic principle of spectroscopy for organic compounds and biomolecules.

**Course Coordinator:** Rungroj Saruengkhanphasit, Ph.D.

**Course Category:** Required Course

**Duration:** 18<sup>th</sup> June 2021 to 12<sup>th</sup> July 2021

**Time:** See Schedule

**Place:** Teleconference room 3<sup>rd</sup> Floor (teaching via Zoom application), CGI Building

<b>Grading Scheme:</b>	Final Examination	90%
	Class participation	10%

**Tentative Schedule**

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

30 <sup>th</sup> June 2021 13:30 – 15:30	Basic Principles of spectroscopy 2	NT
2 <sup>nd</sup> July 2021 13:30 – 15:30	Basic Principles of spectroscopy 3	NT
5 <sup>th</sup> July 2021 13:30 – 15:30	Basic Principles of spectroscopy 4	WJ
12 <sup>th</sup> July 2021 13:00 – 16:00	Final Examination	Staff

**Lecturers:**

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

Rungroj Saruengkhanphasit, Ph.D. (RS)

Watthanachai Jumpathong, Ph.D. (WJ)

Worawat Niwetmarin, Ph.D. (WN)