

**CLASS SCHEDULE**

Course: 6302501 Perspectives in Polymer Science
Duration: July 15 - July 25, 2024
Course Co-ordinator: Dr. Sorapat Niyomsin/ Dr. Nuttapol Risangud

Program: Polymer Science
Room: *Combined class PLE/PC/PO (Room 305) <https://chula.zoom.us/j/3050010001> Meeting ID: 305 001 0001
 PO (Room 306) <https://chula.zoom.us/j/3060010001> Meeting ID: 306 001 0001

Date	8:30-10:00	10:00-10.15	10:15-11.45	11.45:13:00	13:00-14:30	14:30-14:45	14:45-16:15
Monday, July 15	Orientation*	Break	Meet advisor (PLE&PC)	Lunch break	"Techical Development in Petroleum and Petrochemical Complex"* Prof. Thirasak Rirksomboon	Break	English- I*
Tuesday, July 16	"The Big Picture of Energy Outlook, Energy Crisis, and Energy Transition"* Dr. Ruengsak, PTIT	Break	"Petroleum Value Chains"* Asst.Prof. Kitipat Siemanond	Lunch break	"Overview of Petroleum Refinery"* Asst.Prof.Piya Ouraipryvan	Break	English-II*
Wednesday, July 17	"Petrochemical Industry and Development of Thailand's Economy"* Dr.Veerapat Tantayakom, PTTGC	Break		Lunch break	"Polymer Value Chains"* Prof. Rathanawan Magaraphan	Break	English-III*
Thursday, July 18		Break	"Polymer in Daily Life eg. For Medicine, Electrical, Food, Packaging, Coating, etc." Prof. Pitt Supaphol	Lunch break	"Polymer Recycling Reuse" Asst. Prof. Manit Nititanakul		English-IV*
Friday, July 19	"Overview of Polymer Development" Prof. Suwabun Chirachanchai	Break	"Innovation in Polymer Industry" Assoc. Prof. Thanyalak Chaisuwan	Lunch break	Library* "Orientation & Information searching" (Center of Academic Resources) (7th floor, Central library building)	Break	Library* "Endnote & Turnitin" (Center of Academic Resources) (7th floor, Central library building)
Monday, July 22	"A Practical Perspective: Industry 4.0 in Rubber & Plastic Industry"* Dr. Chayo Trangadisaiikul	Break	"Polymers for Bioeconomy" Prof. Hathaikarn Manuspiya	Lunch break	"Advanced Functional Polymers" Dr. Sorapat Niyomsin	Break	English-V*
Tuesday, July 23	"Application of Modern Data Analytics in E&P Business" Mr. Peerapong Ekkawong	Break	"Conductive and Electroactive Polymers" Prof. Anuvat Sirivat	Lunch break	"Introduction of Plasma Technology for Polymer Applications" Assoc. Prof. Ratana Rujiravanit	Break	English-VI*
Wednesday, July 24	"Digitalization in Petroleum and Petrochemical Industries: Present and Future"* (Mr. Siricharn Jirapongphan, SCG)	Break	"Applications for Additive Manufacturing Technology"* Dr. Nuttapol Risangud	Lunch break	Intro to Python for beginner I* Assoc.Prof. Stephan Dubas	Break	English-VII*
Thursday, July 25	Hitachi	Break	"Enabling Industrial Decarbonization through Data-Driven Digitalization 101"* Dr.Nattapong Sueviriyapan	Lunch break	Intro to Python for beginner II* Assoc.Prof. Stephan Dubas	Break	English-VIII*
Friday, July 26	"Net Zero Petrochemicals Industry"* Dr. Butra Boonliang, SCG Chemical	Break	"Petrochemicals Value Chains"* Assoc. Prof. Siriporn Jongpatiwut	Lunch break			