



DOCTOR OF PHILOSOPHY IN CHEMISTRY

■ FACULTY OF SCIENCE

DOCTOR OF PHILOSOPHY IN CHEMISTRY

Chemistry is a permeating basic science, a platform where scientific inquiries arise. Our doctoral program aspires to nurture and train outstanding scientists in Chemistry at international standards. The process highlights intensive research activities, building the “how to” and “problem solutions.” Diverse research topics span advanced basic scientific discoveries to applied research made practical in short periods of time. Our faculty and staff are competent with experiences. With the up-to-date facilities, tools, and research funds available for our faculty and their graduate students, including some scholarships, our accomplishments are soaring high in the area. Additionally, cooperation with scholars at home and abroad enables international research and research networking as well as international conferences to enrich our students.



Objectives

Desirable attributes of graduates are as follows:

- Excellent in knowledge and understanding of Chemistry.
- Well-rounded in world affairs with morality and professional ethics.
- Competent in R&D in Chemistry. Able to make innovative contributions, to develop research skills and to apply holistically in knowledge and research advancement of Chemistry.

Admission

In accordance with the Graduate School Rules and Regulations. The program committee reserves the rights to require more qualifications as deemed appropriate.

Medium of Instruction

Thai and English

Research Focus

- Conjugated polymers for organic light emitting diode, plastic solar cells and sensors
- Magnetic nanoparticles and related materials for drug delivery
- Natural products for medical and cosmetic applications
- Biomaterial and applications
- Flow-based analysis and applications
- Advanced material synthesis and applications
- Bioorganic and bioinorganic synthesis and applications

Requirement for Graduation

In accordance with the university Graduate School Rules and Regulations.

