

## • Master of Engineering Program in Integrated Chemical Engineering (International Program)

Our multidisciplinary program offers the students great opportunities to explore in a wide range of innovative areas. The Department of Chemical Engineering at Mahidol University enjoys various research opportunities in collaboration with excellent organizations inside and outside Mahidol University to gain advanced research facilities and financial resources. Our international program is opening to all applicants with Bachelor's degree in chemical engineering, other fields of engineering and science that are well familiar with key concepts of chemistry.



# Chemical Engineering

## • Ph.D. Program in Integrated Chemical Engineering (International Program)

Doctor of Philosophy Program in Integrated Chemical Engineering (International Program) is an engineering program that aims to produce doctorates who have skills and knowledge both in chemical engineering and integration with other fields in order to create and develop research on the basis of morality, ethics, and international academic and professional standards.

### Research Areas

- Energy and Biorefineries
- Advanced Materials Engineering
- Food and Pharmaceutical Engineering
- AI, Computational Modeling and Simulation



## Cooperation

- The course provides opportunity of students to have research experience in industries for project work.
- We collaborate with many industrial companies and government organizations, for example, PPT Global Chemical, SCG Chemicals, Government Pharmaceutical Organization (GPO), National Electronics and Computer Technology Center (NECTEC).

## Curriculum Structure

Curriculum	Required courses (Credits)	Elective courses (Credits)	Thesis/ Dissertation (Credits)	Total (Credits)	Duration (Years)
M.Eng.	14	12	12	38	2
Ph.D. (Plan A.1)*	-	-	48	48	3
Ph.D. (Plan B.1)*	6	6	36	48	3
Ph.D. (Plan B.2)**	12	12	48	72	4

\* For student with Master's degree

\*\* For student with Bachelor's degree



## Admission

Students holding Bachelor's degree in engineering, science and related fields are welcome

## Tuition Fee & Scholarships

Full and partial scholarships are available for all students. Join our program and be a part of the future now





## Engineering Social Responsibility

As an important part of our society, our students have the opportunities to participate in various activities for engineering social responsibility (ESR) that creates the students soft skills such as leadership, communication and teamwork.



- **Small class size**  
provides opportunity to specialize in a focus
- **Professional achievement**  
and possibility of completing your degree in expected time
- **Modern faculties and better learning environment**  
provides you great learning facilities and atmosphere
- **Learning from international experts**  
along with well-equipped laboratories that facilitate your research



Mahidol University

**CHEMICAL**  
ENGINEERING



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