

DOCTOR OF PHILOSOPHY
and
MASTER OF ENGINEERING
(ENGINEERING)
(INTERNATIONAL PROGRAM)



**THE FUSION OF SCIENCE, ENGINEERING AND
INNOVATION**

“As engineers, we were going to be in a position to change the world – not just study it.”

Henry Petroski
(American engineer and author specializing in failure analysis)



INTRODUCTION

Walailak University is designed as a comprehensive university (with a variety of fields of study) to serve the people of Thailand. Walailak University graduates are expected to have practical intelligence, adversary quotient, Liberal Arts perspective and technology competence, all integrated with high moral. University is a residential university equipped with modern educational facilities, services and accommodation for students and staff, located in Tha Sala District, Nakhonsithammarat Province, Thailand. The campus is 780 kilometers south of Bangkok. The University has a total area of 3,600 acres, making it the largest campus of any university in Thailand.

The Doctor of Philosophy Program in Engineering (Ph.D.) and Master of Engineering Program in Engineering (M. Eng) are the courses established by the School of Engineering and Technology at Walailak University. The aim of these courses is to develop the University's graduated studies, including further development of existing graduated studies as well as the development of the new International Programs, and to ensure their quality. These programs continually reviews individual studies, performs general evaluations and develops strategies with a view to setting up and maintaining a framework of resources necessary for the University's research programs.

Through the Ph.D. Engineering and M. Eng (International Program), the School of Engineering and Technology at Walailak University ensures that the following general aims of its programs are attained:

- A high international level in the education of researchers.
- Integration of the individual student and the individual program into active research environments with international communication and exchange of engineering knowledge.



DOCTOR OF PHILOSOPHY PROGRAM IN ENGINEERING (INTERNATIONAL PROGRAM)

Title/Degree

Doctor of Philosophy (Engineering)

Mode of study

Full-time

Option 1.1: 9 Semesters

Option 1.2: 12 Semesters

Module Schedule

Option 1.1: 60 ECTS credits

Year	Semester 1		Semester 2		Semester 3	
1	Thesis Seminar 1*	4 Credits 2(0-4-2)	Thesis Seminar 2*	4 Credits 2(0-4-2)	Thesis Seminar 3*	4 Credits 2(0-4-2)
2	Thesis	8 Credits	Thesis	8 Credits	Thesis	8 Credits
3	Thesis	8 Credits	Thesis	8 Credits	Thesis	8 Credits

Note: * No credit basis

Option 1.2: 90 ECTS credits

Year	Semester 1 (Jul-Oct)		Semester 2 (Nov-Jan)		Semester 3 (Feb-May)	
1	Thesis Seminar 1*	4 Credits 2(0-4-2)	Thesis Seminar 2*	4 Credits 2(0-4-2)	Thesis Seminar 3*	4 Credits 2(0-4-2)
2	Thesis Seminar 4*	4 Credits 2(0-4-2)	Thesis Seminar 5*	4 Credits 2(0-4-2)	Thesis Seminar 6*	4 Credits 2(0-4-2)
3	Thesis	8 Credits	Thesis	8 Credits	Thesis	8 Credits
4	Thesis	8 Credits	Thesis	8 Credits	Thesis	8 Credits

Note: * No credit basis

Study language

English

Contact

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MASTER OF ENGINEERING PROGRAM IN ENGINEERING (INTERNATIONAL PROGRAM)

Title/Degree

Master of Engineering (Engineering)

Mode of study

Full-time (4 Semesters)

Module Schedule

Option A1: 36 ECTS credits

Year	Semester 1		Semester 2	
1	Research Methodology Seminar 1* Thesis	3(3-0-6) 1(0-2-1) 9 Credits	Seminar 2* Thesis	1(0-2-1) 9 Credits
2	Thesis	9 Credits	Thesis	9 Credits

Note: * No credit basis

Option A2: 36 ECTS credits

Year	Semester 1		Semester 2	
1	Research Methodology Seminar 1* Elective 1 Thesis	3(3-0-6) 1(0-2-1) 3(3-0-6) 2 Credits	Seminar 2* Elective 2 Elective 3 Thesis	1(0-2-1) 3(3-0-6) 3(3-0-6) 2 Credits
2	Thesis	9 Credits	Thesis	9 Credits

Note: * No credit basis

Major or Specialization Fields

The application target defines the major, please choose the major/application target by elective subjects carefully.

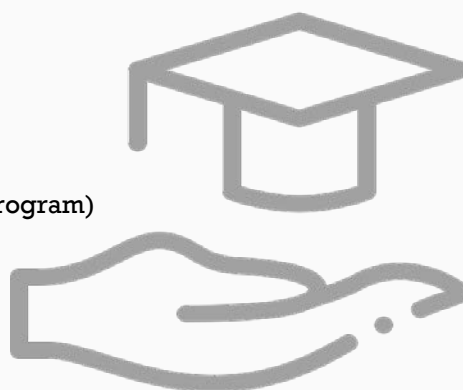
- Electrical Engineering (Automation, Wireless, Sensor & Embedded system)
- Civil Engineering (Concrete, Geotechnics, Infrastructures & Water resources)
- Chemical Engineering (Catalyst, Bioenergy & Air pollution)
- Computer Engineering and Intelligent Systems (Algorithms, Mobile, Network)
- Material Engineering (Bio-polymer, Energy storage & Lignocellulose material)

Study language

English

Contact

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EXPERIENCE MORE IN THE PH.D. AND MASTER OF ENGINEERING

MORE OPPORTUNITIES

- Pursue an interdisciplinary degree and explore science, engineering, and innovation.
- Be highly sought after and secure management positions with excellent starting salaries and opportunities for advancement.
- Discover diverse career options in the engineering sector and related fields.

MORE SUPPORT

- Provide by the excellence center.
- Benefit from smaller class sizes with more individual attention, creating a dynamic and interactive environment.
- Friendly, dedicated staff and faculty members are available to support students' academic and professional success.
- Develop contacts and mentors through employer events and networking opportunities.

MORE FUN

- Join a group of like-minded peers and develop life-long friendships.
- Participate in school and intramural sports, social functions and community events.

