

# Doctor of Philosophy program in Management Engineering



## Doctor of Philosophy program in Computer Engineering

A combination of engineering and business training is one of the most sought after qualifications, and a well-educated technical professional with a management background is invaluable. Our doctoral program provides the stepping stones for such a professional.

Most engineering in the modern world is done as a team, working together with like minds toward outcomes from a shared vision. A doctorate in engineering commonly represents expertise in advanced knowledge of the procedures and techniques of engineering. However, a management engineer is much more-a mainstay who facilitates best possible results from a group of engineers.

Two research centers are focused on management engineering, namely, the Integrated Facility Engineering and Management Research Unit: IFEM and the Center for Operations Research and Industrial Application: CORIA.

Our program is proud of the faculty member and a doctoral student who received the Royal Golden Jubilee Research Grant from the prestigious Thailand Research Fund (TRF)

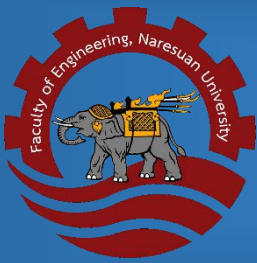
## Objectives

Expected outcomes of graduates are as follows:

- Possessing an inquiry mind, analytical and synthetical thinking, mandatory in research and the creation of new knowledge, technology. and innovation.
- An academic leader in applying management engineering for the benefits of localities, nations, and international areas at high standard.
- Adhering to professional ethics, acceptable as a model in leading the society forward.

## Admission

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



# Doctor of Philosophy program in Management Engineering



## Credit Requirements

| Requirements                          | Option<br>1.1 | Option<br>1.2 | Option<br>2.1 | Option<br>2.2 |
|---------------------------------------|---------------|---------------|---------------|---------------|
| <b>1. Coursework</b>                  |               |               | 12            | 24            |
| <b>1.1 Core Courses</b>               |               |               | 3             | 12            |
| <b>1.2 Electives</b>                  |               |               | 9             | 12            |
| <b>2. Dissertation</b>                | 48            | 72            | 36            | 48            |
| <b>3. Required Non-credit Courses</b> | 4             | 7             | 4             | 7             |
| <b>Total</b>                          | 48            | 72            | 48            | 72            |

## Medium of Instruction

Thai and English

## Research Focus

- Operations Research
- Industrial Application
- Metaheuristics
- Integrated Facility Engineering and Management

## Requirement for Graduation

In accordance with the Graduate School rules and regulations