

# MASTER OF **SCIENCE IN ENGINEERING MANAGEMENT**

Inclusive . Global . Sustainable

FACULTY OF ENGINEERING

by coursework

FEBRUARY, JULY &  
SEPTEMBER  
Intakes

# INTRODUCTION

The Master of Science in Engineering Management programme by coursework is specifically tailored to equip candidates with knowledge based on technical, organizational, administrative and operational concepts by developing their management skills in their core areas of expertise. This programme provides a specialized form of management courses required to successfully lead engineering or technical personnel and projects. The programme is geared towards global applications in the context of engineering and engineering management.

## ADMISSION

The Master of Science in Engineering Management programme is based on a trimester system; February, July, and September in an academic year. Application is open throughout the year and can be done online via: [oas.ia.unimas.my](https://oas.ia.unimas.my)

### PROGRAMME STRUCTURE

#### Semester 1

KNM6012	Research Methodology
KNM6033	Quality Management
KNM6163	Engineering Economics and Financial Management
KNM6183	Risk and Crisis Management
KNM6063	Project Management

#### Semester 2

KNM6024	Research Project I
KNM6093	Environmental Management
KNM6082	Organizational Behaviour
KNM6172	Occupational Safety and Health
KNM6133	Legislative Issues & Contract Management

#### Semester 3

KNM6076	Research Project II
KNM6XX3	ELECTIVE 1 (Choose 1)
KNM6113	Operational Maintenance Management
KNM6103	Engineering Technology & Innovation Management
KNM6XX3	ELECTIVE 2 (Choose 1)
KNM6143	Supply Chain Management
KNM6153	Energy Management

*\*The elective courses offered each semester are subject to the minimum number of students registering for the programme*

## DURATION OF THE PROGRAMME

Master of Science in Engineering Management is a master programme by coursework with a duration of 1 - 2 years on a full-time basis and 2 - 4 years on a part-time basis.

## FACILITIES AND RESOURCES

To support your study, the university provides various facilities and resources:

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY) – The University library houses more than 200,000 titles of books and journals, and it also provides access to thousands of resources online.
- Resources Rooms – Spaces are provided for students to discuss, collaborate and work on academic tasks within the faculty and throughout the campus.
- Laboratory Facilities – Faculty of Engineering is supported by many research groups, laboratories and equipment's that allow our students to conduct their research in a wide range of fields.

## COURSE FEES

Malaysian student **RM 18,966.00**

International student **RM 32,900.00**

Fees include administrative, tuition and course materials for the duration of the programme. Further payment will be required if the students extend their studies.

## WHO SHOULD APPLY

The programme aims at providing opportunities to various group of potential candidates such as:

- Fresh graduates
- Practising engineers
- Project Executives

## ENTRY REQUIREMENTS

For admission into the programme, a candidate must meet the following criteria:

- Bachelor of Science degree or its equivalent with a minimum CGPA of 2.50 or other qualification approved by the Senate;
- For international students, an English pass from the International English Language Testing System (IELTS) is a minimum with a score of 5.5, or its equivalent (such as Test of English as a Foreign Language, TOEFL-525; TOEFL Computer Test -196; TOEFL Internet Test 69-70 ) is required.

## PROGRAMME SCHEDULE

The Programme requires students to accumulate 40 credit hours in their studies. The period of study involves three semesters (Trimester).

# CONTACT US

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