

MASTER OF **SCIENCE IN ENGINEERING MANAGEMENT**

Community-Driven University For a Sustainable World



FACULTY OF ENGINEERING

by coursework

**OCTOBER,
FEBRUARY & JUNE**

Intakes

INTRODUCTION

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. The programme is based on a trimester system; October, February and June in an academic year.

ENTRY REQUIREMENTS

- A Bachelor's Degree (Level 6 Malaysian Qualifications Framework, MQF) in the Engineering and Engineering Technology or related fields with a minimum Cumulative Grade Point Average (CGPA) of 2.50 or equivalent, as accepted by the Higher Education Provider (HEP) Senate; or
- A Bachelor's Degree (Level 6 MQF) in the Engineering and Engineering Technology or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to rigorous internal assessment.
- Candidates without a qualification in the related field or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).
- For Malaysian candidates who do not have a Bachelor's Degree, candidates have at least a STPM or Diploma in Science, Technology, Engineering or Mathematics from a university recognized by MQA and have working experience in a field related to engineering management and passed the APEL T-7 assessment.
- For international students, Test of English as a Foreign Language (TOEFL) score of 500 OR International English Language Testing System (IELTS) score of 5.0 or its equivalent. If a student does not meet this requirement, HEPs must offer English proficiency course to ensure that the student that the student's proficiency is sufficient to meet the needs of the programme. This is normally conducted through an assessment process.

ALTERNATIVE OPTION FOR ADMISSION

APEL. A for Access

- APEL.A is applicable to local and international applicants who do not meet the regular entry requirements imposed by academic programmes at any MQF level
- Applicants applying for entry via the APEL.A must meet the minimum age requirements stipulated for the various level of qualifications
- Applicants must fulfil the minimum formal qualifications stipulated, for Master's and Doctorate level
- Applicants applying for entry via the APEL.A must have prior experiential learning

POTENTIAL APPLICANTS

- Fresh graduates
- Practising engineers
- Project Executives

DURATION OF PROGRAMME

Full Time
1-2 years

Part Time
2-4 years

PROGRAMME SCHEDULE

The programme requires students to accumulate 40 credit hours in their studies. All teaching and learning activities are conducted during the weekends (Saturday & Sunday) for both mode of study (full time & part time).

FACILITIES & RESOURCES

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY)
- Computing Facilities
- Online Learning Support
- Resources Rooms
- Laboratory Facilities

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 2
Elective 1	
Elective 2	

COURSE FEES

Full Time:

Malaysian student **RM18,966.00**

International student **RM32,900.00**

Part Time:

Malaysian student **RM19,312.00**

Fees include administrative, tuition and course materials for the duration of the programme.

Further payment will be required if the students extend their studies.

List of Elective Courses

Elective 1 (Choose 1)

KNM6113	Operational Maintenance Management
KNM6103	Engineering Technology & Innovation Management

Elective 2 (Choose 1)

KNM6143	Supply Chain Management
KNM6153	Energy Management

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

FAST TRACK OPTION

APEL.C for Credit Transfer

Qualified individuals with relevant prior learning experiences could take APEL. C assessments (Portfolio/Challenge Test) for credit transfer in APEL Assessment Centre, UNIMAS.

CONTACT US

Dr Lee Yee Yong

Programme Coordinator
Faculty of Engineering
Universiti Malaysia Sarawak (UNIMAS)
94300 Kota Samarahan, Sarawak, Malaysia
Website: <http://www.feng.unimas.my>
Phone: +6082 58 3316 / +6014 683 5578
Email: yylee@unimas.my

For General Inquiries

Centre for Graduate Studies

Universiti Malaysia Sarawak (UNIMAS)
94300 Kota Samarahan, Sarawak, Malaysia.
Website: <http://www.postgrad.unimas.my>
Phone: +6082 58 1067/1066/1069

UNIMAS Business School

Level 4, UNIMAS City Campus
Lot 77, Section 22, KTL D
Jalan Tun Ahmad Zaidi Adruce
93150 Kuching, Sarawak, Malaysia.
Website: <https://www.business.unimas.my>
Phone: +6082-222111
Email: ubs@unimas.my

APPLICATION PROCEDURE

Application must be submitted online at
<https://oas.aa.unimas.my>

Application is open throughout the year.



Disclaimer:

The Faculty of Engineering of Universiti Malaysia Sarawak has made every effort to ensure that the information presented in this document is accurate at the time of printing. This document is created for information only. UNIMAS reserves the right to change the content in this document at any time and without prior notice. Tuition fees are subject to an annual review.