UNIMAS
UNIVERSITI MALAYSIA SARAWAK

MASTER OF ENGINEERING IN CIVIL ENGINEERING

Community-Driven University For a Sustainable World

FACULTY OF ENGINEERING

by coursework

OCTOBER, FEBRUARY & JUNE
Intakes

INTRODUCTION

Master of Engineering in Civil Engineering programme by coursework is specifically tailored to help fresh graduates, practicing engineers and academicians to gain advanced Civil Engineering knowledge. The programme offers a comprehensive course structure, which emphasises on recent engineering practices and industry based research projects. This programme also focusses on improving the existing civil engineering issues in Sarawak such as soil problems, traffic congestion and building construction technology. The programme is based on a trimester system; October, February and June in an academic year.

ENTRY REQUIREMENTS

i. A bachelor's degree in related Engineering/Engineering Technology discipline or its equivalent with a minimum CGPA of 2.50; or
ii. A bachelor's degree in related Engineering/Engineering Technology discipline or its equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to a minimum of five years working experience in the relevant field and/or subject to a rigorous internal assessment process; or
iii. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses and meet the minimum CGPA based on (i) to (ii); or
iv. Passed the APEL.A (T-7) assessment in the related field.
v. For International students, a minimum TOEFL score of 500 OR IELTS score of 5.0 OR its equivalent (e.g. MUET Band 3.5; TOEFL iBT 40; TOEFL Essential (Online) 7.5, Pearson Test of English (PTE) 47, Cambridge English Qualifications and Tests 154) is required. If a student does not meet this requirement, UNIMAS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme

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
- Academicians

DURATION OF PROGRAMME

Full Time
1-2 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).

FACILITIES & RESOURCES

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

COURSE FEES

Full Time:
Malaysian student **RM16,171.00**
International student **RM31,345.00**

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

PROGRAMME STRUCTURE

Semester 1

KNS6063	Transportation Planning
KNS6013	Advanced RC Design
KNS6092	Research Methodology
KNS6102	Research Project 1

Semester 2

KNS6083	Civil Engineering Project Management
KNS6043	Wastewater Engineering
KNS6163	Soft Soil Engineering
KNS6143	Research Project 2

Semester 3

KNS6033	Advanced Surface and Groundwater Hydrology
KNS6023	Advanced Concrete Technology
KNS6156	Research Project 3

List of Elective Courses
(Choose 1)

KNS6313	River Engineering
KNS6183	Traffic Engineering and Safety
KNS6XX3	Pavement Analysis and Design
KNS6XX3	Earthquake Engineering

*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

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APPLICATION PROCEDURE

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

Application is open throughout the year.



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