

Master of Structural Engineering (Structure C)

DURATION 1 to 3 years (Full time)
2 to 4 years (Part time)

PROGRAM INFO

Master of Structural Engineering (Structure C) is a quarter research program of which candidates are given the unique opportunity to follow their interest in a specialized area of research in Structural Engineering for 2 semesters worth 10 credit hours. Apart from that, the students will be attending 10 postgraduate courses which comprise 1 compulsory course, 6 core courses, and 3 elective courses with a total 30 credit hours whereby the students will be equipped with advanced technical knowledge in the field of structural engineering.

ENTRY REQUIREMENTS

- A Bachelor's degree in the relevant domain with CGPA 2.50 and above, or
- A Bachelor's degree in the relevant domain with CGPA below 2.50 and 5 years working experience in the domain.
- 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.

COURSES OFFERED

COMPULSORY COURSE (3 CREDIT HOURS)

- Research Methodology

CORE COURSES (18 CREDIT HOURS EACH 3 CREDIT HOURS)

- Construction Management
- Advanced Structural Analysis & Finite Element Method
- Structural Dynamics & Stability
- Construction Materials, Assessment & Rehabilitation
- Advanced Reinforced Concrete Design
- Design of Tall Buildings

PROJECT (10 CREDIT HOURS)

- Project

ELECTIVE COURSES

(9 CREDIT HOURS EACH 3 CREDIT HOURS) (CHOOSE 3 OUT OF THE 5 COURSES)

- Advanced Steel Design
- Fire Safety Engineering Design of Structures
- Advanced Foundation Engineering
- Hydraulic, Offshore & Energy Structures
- Advanced Concrete Technology

FEES STRUCTURE

- RM 24 700.00 (Malaysian)
- RM 27 700.00 (International)

CONTACT:

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