



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF CIVIL ENGINEERING
THE BEST CIVIL ENGINEERING PROGRAM IN MALAYSIA

MASTER OF ENGINEERING (CONSTRUCTION MANAGEMENT)

OBJECTIVE

Master of Engineering (Construction Management) program established in response to the construction industry needs for managers that are capable of meeting demands and complexities of contemporary construction management. The program provides mastery of competencies and integration of knowledge required for the construction industry. Furthermore, students will be provided with broad-based and forward looking views of the industry. The program also enhances the appreciation of ethics and integrity in management, leadership and good governance.

DURATION OF STUDY

- Minimum: 1.5 years (3 semesters)
- Maximum: 4 years (8 semesters)

MODE OF STUDY (FULL TIME)

- Johor Bahru
- Kuala Lumpur (Weekend class)

ADMISSION REQUIREMENTS

- Candidates should hold a Bachelor's degree in civil engineering or its equivalent recognized by the University Senate; OR
- Candidates should hold a Bachelor's degree or its equivalent with a minimum CGPA of 2.50; OR
- Candidates should hold a Bachelor's degree or its equivalent with a minimum CGPA of 2.00/4.00 but not achieving – a CGPA of 2.50/4.00; must have at least five (5) years of work experience in a relevant field.

CURRICULUM STRUCTURE

CORE COURSES (18 CREDITS)

- Construction Project Management
- Construction Site Management & Safety Control
- Construction Law & Contract
- Project Planning & Scheduling
- Financial Management
- Sustainability & Environmental Management in Construction

ELECTIVE COURSES (6 CREDITS)

- Construction Technology
- Project Estimating
- IT for Civil Engineers
- Construction Plants Management
- Concrete Technology

FREE ELECTIVE COURSES (6 CREDITS)

- Choose any two (2) courses offered by other programmes, by other faculties, OR from the elective courses.

UNIVERSITY COURSES (6 CREDITS)

- Principles of Engineering Management*
- Research Methodology

MASTER PROJECTS (10 CREDITS)

- Master Pre-Project
- Master Project

FURTHER INFORMATION

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