



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Faculty of
Civil Engineering

MASTER IN CIVIL ENGINEERING

OBJECTIVE

The aim of Master in Civil Engineering program offered at Universiti Teknologi Malaysia is to fortify opportunity for students to develop their knowledge and skills in solving multi disciplinary problem in civil engineering, geotechnical engineering, hydraulics and hydrology, transportation and highway, environmental engineering and construction management. Students are also trained in conducting research project in any field in civil engineering

DURATION OF STUDY

Minimum: 1 year (2 semesters and 1 short semester)

MODE OF STUDY

Blended learning (online and physical face-to-face)

- UTM Johor Bahru
- UTM Kuala Lumpur (weekend classes)

ADMISSION REQUIREMENTS

- Candidates should hold a Bachelor's Degree in Civil Engineering or its equivalent recognized by the University Senate; and
- Candidate should hold a Bachelor's Degree or its equivalent with a minimum CGPA of 2.50; or
- Candidate who hold a Bachelor's Degree or its equivalent with a CGPA of at least 2.00/4.00 but not achieving a CGPA of 2.50/4.00 must have five (5) years of work experience in a relevant field.

CREDIT REQUIREMENTS

A student must complete 40 credit hours for graduation. The course consists of:

- University general elective courses (3 credits)
- Core courses (21 credits),
- Elective courses (6 credits),
- Master project (10 credits).

CORE COURSES

- Construction Project Management
- Advanced Hydraulics
- Advanced Design of Reinforced Concrete.
- Advanced Foundation Engineering
- Environmental Management and Sustainability
- Pavement Design and Construction
- Research Methodology

ELECTIVE COURSES

Choose two (2) course offered by programs below which is not part of the core courses for this program:

- Master of Engineering (Structure)
- Master of Engineering (Environmental)
- Master of Engineering (Transportation)
- Master of Engineering (Geotechnics)
- Master of Engineering (Construction Management)
- Master of Engineering (Hydraulics & Hydrology)

FURTHER INFORMATION

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