

Open and Distance Learning (ODL)

Master of Forensic Engineering

About the programme

The program aims to integrate and generate an advanced and in-depth knowledge in specific field of Forensic Engineering in professional practices. This program combines four main areas which relates to the failure of structural and construction in civil, electrical, mechanical and chemical engineering.

The purpose of a forensic engineering investigation is to locate cause or causes of failure with a view to improve performance or life of a component, or to assist a court in determining the facts of an accident.

Forensic engineers often are used in product's, design's or object's failure.

Admission Requirements

- A recognised Bachelor's Degree with good honours with minimum CGPA 2.50/4.00 or equivalent.
- International applicants must satisfy academic admission and English language proficiency requirements (IELTS band 6, TOEFL score 550 or CEFR B2) and any other conditions specified.
- Candidates from English speaking countries are exempted from the UTM English Language requirements.

Programme Structure (Total 46 Credits)

Programme Core Courses (18 Credits)

- Research Methodology
- Principle of Forensic Engineering
- Laws in Forensic Engineering
- Safety Engineering
- Risk Assessment
- Prevention through Design

University Courses. Choose 1. Subject to Faculty offers every semester (3 Credits)

- Organization Behavior & Development
- Business Ethics, Responsibility and Sustainability
- IT Project Management
- Introduction to Technopreneurship
- Philosophy of Science and Civilization
- Malaysian Society and Culture
- Dynamics of Leadership
- Environmental Ethics

Research Study (10 Credits)

- Master's Project I
- Master's Project II

Elective Courses. Choose 4. Subject to Faculty offers every semester (12 Credits)

- Engineering Materials
- Structural Assessment and Rehabilitation
- Structural Fire Engineering
- Advanced Road Material
- Construction Law and Contract
- Seismic Retrofitting and Nonlinear Analysis
- Structural Wind and Earthquake Engineering





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English Requirement for International Candidates

International students who wish to enroll in the postgraduate programs at UTM must meet the English language competency requirements as stipulated below:

- Malaysia University Entrance Test (MUET) with a minimum score of Band 4.0 and above; or
- IELTS with a minimum score of Band 6.0 and above; or
- TOEFL iBT with a minimum score of 60 and above; or
- Cambridge English Qualifications (CEQ) B2 First (FCE), C1 Advanced (CAE), C2 Proficiency (CPE), with a minimum score of 168 and above; or
- Pearson Test of English (PTE) Academic with a minimum score of 59 and above; or
- Certified Intensive English Programme Level (CIEP Level) achieving Level 109 and above.

Visit <https://admission.utm.my/english-language-requirements-3/> for more information about English requirements.

Tuition Fees

Malaysian Student	International Students
RM 18,330 - RM 27,150	RM 35,050 - RM 43,886

Mode of Study

Taught Course / Open Distance Learning

Study Period

Minimum 4 Semesters - Maximum 8 Semesters

Intake Session

February and September

