

## Open and Distance Learning (ODL)

# Master of Science Energy Management

## About the programme

Master of Science (Energy Management) is open for any graduates with a degree in science, technology and engineering. Graduates from other disciplines but with relevant experiences are also encouraged to apply.

### Programme Structure (Total 45 Credits)

#### Programme Core Courses (18 Credits)

- Research Methodology
- Sustainable Energy System Management
- Mechanical Energy Management and Audit
- Electrical Energy Management and Audit
- Thermal Energy Management and Audit
- Occupational Safety for Energy Systems

#### University Course (3 Credit)

- Dynamics of Leadership

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

- Renewable Energy
- Energy Life Cycle Cost and Emission Analysis
- Energy Integration and Resource Conservation
- Industrial Process Analyses
- Energy Planning for Conservation and Sustainable Development
- Project Management and Ethics

#### Master Project (12 Credits)

- Energy Project I
- Energy Project II

### Admission Requirements

- A recognized 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.

### 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.





**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

**FACULTY OF CHEMICAL & ENERGY ENGINEERING**  
Postgraduate Programme

**Open and Distance Learning (ODL)**

# Master of Science Energy Management

## Tuition Fees

**Malaysian Students**

RM 22,750 - RM 28,630

**International Students**

RM 40,950 - RM 46,830

## Mode of Study

Taught Course / Open Distance Learning

## Intake Session

February and September

## Study Period

Minimum 4 Semesters - Maximum 8 Semesters

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[utmpesisir@utm.my](mailto:utmpesisir@utm.my)

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