

## Open and Distance Learning (ODL)

# Master of Education (Physics)



### About the Programme

Master of Education (Physics) is specially designed leading to the degree of Master and Doctor of Philosophy in various areas of education to cater for teaching or training professionals who are seeking in-depth knowledge, research skills, careers advancement and provide professional leadership in the specialized fields of education.

### Programme Structure (Total 45 Credits)

#### Pre-Requisite Course (Additional Course For Non Education Background)

- Foundation of Education

#### Programme Core Courses (20 Credits)

- Teaching and Learning of Physics
- Curriculum of Physics
- Assessment and Evaluation in Physics Education
- Innovation in Education
- Research Methods in Education
- Research Data Analysis

#### University Course (3 Credits)

- Dynamics of Leadership

#### Elective Courses (12 Credits)

- Action Research for Current Issues in Physics Education
- Teaching Practices with Philosophy of Science, Mathematics and Technology
- Environmental Education and Sustainability
- Technology, Creativity, and Innovation in Physics Education

#### Master Project (10 Credits)

- Research Study I
- Research Study 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.

#### Admission Through APEL (For Malaysian Candidates Only)

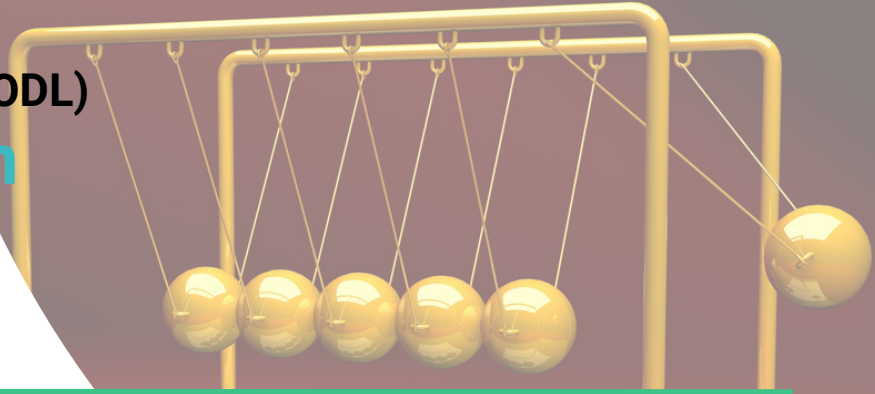
- Malaysian citizens with an APEL.A T7 certificate can be considered for admission (subject to faculty approval).
- Visit <https://apel.utm.my/> for more information about APEL certificate.





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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 Students	International Students
Without pre-requisite	RM 16,660 - RM 25,480	RM 31,710 - RM 40,310
With pre-requisite	RM 17,530 - RM 26,350	RM 33,450 - RM 42,270

#### Mode of Study

Taught Course / Open Distance Learning

#### Intake Session

February and September

#### Study Period

Minimum 3 Semesters - Maximum 8 Semesters

