

CURRICULUM STRUCTURE

COURSE	CREDIT
Core courses (compulsory)	25
Elective courses	15
Total	40

CORE COURSES

- Partial Differential Equation with Applications
- Ordinary Differential Equations
- Integral Equations with Application
- Research Method in Mathematics
- Programming and Software in Mathematics
- Numerical methods for Differential Equations
- Master Dissertation

ELECTIVE COURSES

- Mathematical Cryptography
- Algorithmic Number Theory
- Cryptanalysis
- Optimum Theory and Application
- Selected Topic in Optimal Control
- Operations Analytics
- Method of Optimization
- Mathematical Modelling
- Dynamical System and Chaos
- Fluid Dynamics
- Computational Fluid Dynamics
- Heat and Mass Transfer

COURSE FEE

LOCAL STUDENTS (RM/USD*)

Semester I	RM6,160.00 / USD 1,363.00
Semester II	RM6,650.00 / USD 1,474.00
Semester III	RM5,540.00 / USD 1,228.00
TOTAL	RM18,350.00 / USD 4,066.00

**Subject to currency exchange rate*

INTERNATIONAL STUDENTS (RM/USD*)

Semester I	RM8,900.00 / USD1,972.00
Semester II	RM9,650.00 / USD2,139.00
Semester III	RM8,150.00 / USD1,806.00
TOTAL	RM26,700.00 / USD5,917.00

**Subject to currency exchange rate*

HAVE MORE
QUESTIONS?

Contact Us!



DEPARTMENT OF MATHEMATICS & STATISTICS,
FACULTY OF SCIENCE
UNIVERSITI PUTRA MALAYSIA
43400, UPM SERDANG
603-97697447 / +603-97696603
fs_kjmath@upm.edu.my



MASTER COURSEWORK

MATHEMATICAL SCIENCES

Department of Mathematics & Statistics
Faculty of Science
Universiti Putra Malaysia



APPLY

NOW!

INTRODUCTION

- Master in Mathematical Sciences is a 40-credit coursework based graduate program
- Minimum period of this coursework is 2 semesters (1 year) and a maximum period of 4 semesters (2 years)
- Evaluation is based on continuous assessment through assignment, project, oral presentation, test and examination. The dissertation is assessed in the final semester.

OBJECTIVE

To produce graduates who are competitive, knowledgeable and skillful in Mathematics and also offers an opportunity for advanced studies and career development in Mathematics. This program emphasizes the theory and applications of mathematics so that the students will be able to apply the knowledge for career advancement in any related professions in the public or private sector.

ENTRY REQUIREMENT

Local applicant:

- 1.** A Bachelor's degree in the field or related fields with a minimum CGPA of 2.750 or equivalent, as accepted by the UPM Senate
- 2.** A Bachelor's degree in the field or related fields with a range CGPA of 2.500 to 2.749 can be accepted subject to rigorous internal assessment by Faculty/School/Institute
- 3.** A Bachelor's degree in the field or related fields with a range CGPA of 2.000 to 2.499 can be accepted subject to rigorous internal assessment by Faculty/School/Institute

International applicant:

- 1.** A Bachelor's degree in the field or related fields with a minimum CGPA of 2.750 or equivalent, as accepted by the UPM Senate
- 2.** A Bachelor's degree in the field or related fields with a range CGPA of 2.500 to 2.749 can be accepted subject to rigorous internal assessment by Faculty/School/Institute

English Requirement:

- i.** 550 for TOEFL
- ii.** Band 6.0 for IELTS

**for applicants whose first language is not English*



APPLY

NOW!