

# CURRICULUM STRUCTURE

COURSE	CREDIT
Core courses (compulsory)	25
Elective courses	15
<b>Total</b>	<b>40</b>

## CORE COURSES

- Mathematical Statistics
- Survey Sampling
- Design and Analysis of Experiments
- Regression Analysis
- Applied Statistical Modelling
- Multivariate Analysis
- Seminar I
- Dissertation

## ELECTIVE COURSES

- Interactive Data Analysis
- Statistical Quality Control Techniques
- Exploratory Data Analysis
- Categorical Data Analysis
- Econometrics
- Survival Analysis
- Robust Statistics
- Nonparametric Statistical Theory
- Applied Stochastic Processes
- Time Series Analysis
- Forecasting Techniques in Finance
- Spatial Statistical Techniques
- Bayesian Statistics
- Extreme Value Modeling
- Simulation and Computational Statistics

## COURSE FEE

### LOCAL STUDENTS (RM/USD\*)

<b>Semester I</b>	RM5,000.00 / USD1,129.00
<b>Semester II</b>	RM4,250.00 / USD 959.00
<b>Semester III</b>	RM4,000.00 / USD 903.00
<b>TOTAL</b>	<b>RM13,250.00 / USD2,991.00</b>

*\*Subject to currency exchange rate*

### INTERNATIONAL STUDENTS (RM/USD\*)

<b>Semester I</b>	RM8,300.00 / USD1,875.00
<b>Semester II</b>	RM7,250.00 / USD1,638.00
<b>Semester III</b>	RM6,850.00 / USD1,548.00
<b>TOTAL</b>	<b>RM22,400.00 / USD5,061.00</b>

*\*Subject to currency exchange rate*

HAVE MORE  
QUESTIONS?

*Contact Us!*



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## MASTER COURSEWORK

# APPLIED STATISTICS

Department of Mathematics & Statistics  
Faculty of Science  
Universiti Putra Malaysia

**APPLY**

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# INTRODUCTION

- Master in Applied Statistics is a 40-credit coursework based graduate program
- Minimum period of this coursework is 3 semesters and a maximum period of 6 semesters (3 years)
- Evaluation is based on continuous assessment through assignment, project, oral presentation, test and examination. The dissertation is assessed in the final semester.



## OBJECTIVE

The objective of this programme is to produce graduates who are knowledgeable and skillful in statistics and to offer an opportunity for advanced studies and career development in the field of statistics.

This programme prepares students with advanced knowledge and professional expertise through coursework and application. It exposes them to the latest developments in the field of Applied Statistics.

## CAREER PATH

Graduates from this field can have career opportunities in:-

- planning,
- management,
- research,
- academia and
- related industries especially as data scientist

## ENTRY REQUIREMENT

### *Local & 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
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

### *English Requirement for International applicants:*

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

*\*for applicants whose first language is not English*



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