

Core Courses

- Advanced Materials Physics
- Nanoscience and Nanotechnology
- Electrical and Optical Properties of Materials
- Magnetism in Materials
- Research Methodology
- Seminar
- Techniques of Characterization for Structural, Compositional and Mechanical Properties of Materials
- Techniques of Characterization for Electromagnetic and Thermal Properties of Materials
- Dissertation

Elective Courses

- Physics of Thin Film
- Advanced Materials for Agriculture
- Physics of Semiconductor
- Advances in Applied Electromagnetism
- Optoelectronics
- Applied Radiation Methodology
- Renewable Energy Physics

CURRICULUM STRUCTURE

No	Course	Credit
1	Core courses (compulsory)	28
2	Elective courses	12
Total		40

STUDY SCHEME

Semester 1 (21 credits)

* Core courses	15 credits
* Elective courses	3 credits
* Dissertation	3 credits

Semester 2 (19 credits)

* Core courses	6 credits
* Elective courses	9 credits
* Dissertation	3 credits
* Seminar	1 credit

COURSE FEE

Local Students (RM/USD*)

Semester I	RM9,545.00/USD2,300.00
Semester II	RM8,505.00/USD2,049.00
TOTAL	RM18,050.00/USD4,349.00

International Students (RM/USD*)

Semester I	RM12,800.00/USD3,084.00
Semester II	RM11,550.00/USD2,783.00
TOTAL	RM24,350.00/USD5,867.00

*Subject to currency exchange rate



Children and spouse of UPM staff (permanent); alumni, their children and spouse; civil servants, educators under Ministry of Education Malaysia and Majlis Amanah Rakyat (without sponsorship)

DISCOUNT

Any companies/organisations with at least 5 staffs registered for the program

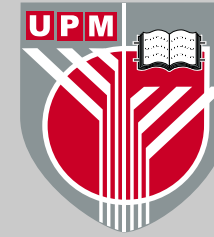


Contact Us

DEPARTMENT OF PHYSICS
FACULTY OF SCIENCE
UNIVERSITI PUTRA MALAYSIA
43400, UPM SERDANG
SELANGOR DARUL EHSAN

03-97696646/6647

fs_kjfiz@upm.edu.my



UPM
UNIVERSITI PUTRA MALAYSIA

**PHYSICS DEPARTMENT
FACULTY OF SCIENCE
UNIVERSITI PUTRA MALAYSIA**

APPLY NOW!

MASTER in MATERIALS PHYSICS

AGRICULTURE • INNOVATION • LIFE

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WILL BE THE LEADER OF THE FUTURE

INTRODUCTION

- 1** Master in Materials Physics is a 40-credit coursework based graduate program including 6 credits of dissertation (3 credits for 2 semesters)
- 2** The objective of this program is to produce graduates who are knowledgeable and skilful in the physics of materials. This program also offers an opportunity for advanced studies and career development in the related fields
- 3** A student may complete the study of this program in a minimum period of 2 semesters and a maximum period of 6 semesters.

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 range CGPA of 2.500 to CGPA 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 or equivalent with a range of CGPA 2.000 to CGPA 2.499, can be accepted subject to rigorous internal assessment by Faculty/School/Institute.

(Candidates without a related qualification in the field/s or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the Faculty/School/Institute and meet the minimum CGPA).

International applicant:

- 1** Must fulfil the same requirements as the local applicant
- 2** Non-native English speaking applicants must obtain a minimum score of 550 for TOEFL or band 6.0 for IELTS



Incentives :
book vouchers, opportunity
for attending conferences/workshops,
industrial visits and many more.

