



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERSAKTI

AGRICULTURE • INNOVATION • LIFE



INSTITUT BIOSAINS
<http://www.ibs.upm.edu.my>

... Pusat Kecemerlangan R & D dan Inovasi

INSTITUTE OF BIOSCIENCE

Centre of Excellence in R&D and Innovation

POSTGRADUATE PROGRAMMES

introduction

The Institute of Bioscience offers various fields of study in the area of biological sciences to provide opportunities for students who are pursuing their studies and to enhance their knowledge and training in research and development (R&D).

Special emphasis is given to R&D in critical areas such as animal, plant and marine based value added products and bio-health. This is achieved using sophisticated equipment and advanced research facilities in the institute such as high-end Electron Microscope Instruments, various range of Spectroscopy and Nuclear Magnetic Resonance, state of the art Robotic Proteomic Workstation, various sizes of Bioreactor System DNA Sequencing and Microarray Facility.

The Institute of Bioscience works closely with faculties in UPM whereby the teaching processes are conducted by the relevant faculties and research programmes among postgraduate students are carried out in IBS by experienced researchers in multidisciplinary and integrated approaches.

field of study

The Institute of Bioscience offers MSc and PhD programmes with thesis with the following fields of study :

- 1) Aquatic Biotechnology
- 2) Biotherapeutics
- 3) Marine Biodiversity and Ecology
- 4) Medical Biotechnology
- 5) Medicinal Chemistry
- 6) Molecular Biotechnology
- 7) Phytochemistry
- 8) Cancer Biology and Oncology
- 9) Vaccine and Therapeutics
- 10) Metabolomics
- 11) Nanomedicine

programme requirement

Effective from September 2012, all our PhD and Masters programmes are by default without coursework for candidates who meet the stipulated criteria. However, students who prefer to do the programmes with coursework will be allowed to do so provided the courses are available.

academic requirement

PhD Program

- The applicant shall possess a Bachelor's Degree (with honours) in a relevant field with a minimum CGPA of 3.000; or
- The applicant without sufficient academic qualification can be admitted into the programme subject to any other requirement specified by the Faculty/Institute; or
- An applicant who is in the final semester of his undergraduate study programme may be considered admission provided his current CGPA or equivalent fulfills the graduate programme admission requirements.

MSc Program

- An applicant should possess a Master's degree with coursework in a relevant field with a minimum grade average of B; or
- An applicant should possess a Master's degree with thesis in a relevant field; or
- An applicant with outstanding Bachelor's Degree with a minimum CGPA of 3.750 (such an applicant may apply for direct admission even without master degree).
- An application for provisional admission may also be made by a student who has submitted his master's thesis for examination.

duration of programme

PhD Programme: minimum period of two (2) years and a maximum period of five (5) years

MSc Programme: minimum period of one (1) years and a maximum period of three (3) years

tuition fees

Tuition fees are stipulated by School of Graduate Studies (GSO)

For Further Information, kindly contact:

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