



Master in Tropical Biology

Who Should Enroll?

Teachers
Lecturers
Researchers
Fresh Graduates

Study Period

Min 2 semesters (1 year)
Max 4 semesters (2 years)



Program Synopsis

Designed to enhance knowledge and produce professionals as well as PhD candidates. The program emphasize on Tropical Biodiversity, Ecology, Genetics and Physiology that enable students to integrate theories and applications, as well as addressing the current issues related to tropical environment.

Entry Requirement

Local:

- Honours degree in Biology or other related disciplines (CGPA ≥ 3.00)
- Or
- Honours degree in Biology or other related disciplines (CGPA ≥ 3.00 + ≥ 3 years of working experience in Biology-related fields

International:

- Equal approvals as above and submit relevant documents for Senate consideration
- English (minimum 550 TOEFL or 6.0 IELTS)

Fee (Local)

- 1st semester: RM1,206 + Fee/credit*
- 2nd semester: RM950 + Fee/credit*
- 3rd semester: RM950 + Fee/credit* (Short sem).
- *RM375/credit

Fee (International)

- 1st semester: RM2,206 + Fee/credit*
- 2nd semester: RM1,950 + Fee/credit*
- 3rd semester: RM1,950 + Fee/credit* (Short sem).
- *RM400/credit



Total 40 Credits

(28 Credits Main Courses & 12 Credits Elective Courses)
Field Trip + Seminar Mobility + Dissertation



For any enquiry please contact

Deputy Dean (Research & Post Graduate)
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Universiti Putra Malaysia



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Main Courses

BGY5101	Biosystematics of Tropical Organism	4(3+1)
BGY5301	Tropical Environmental Physiology	3(3+0)
BGY5404	Tropical Ecology	3(3+0)
BGY5508	Advanced Genetics	3(3+0)
BGY5701	Applied Statistics	3(3+0)
BGY5901	Research Methodology	3(3+0)
BGY5902	Special Techniques in Tropical Biology	3(2+1)
BGY5990	Master Dissertation	6(0+6)

Elective Courses (Biodiversity)

BGY5102	Commercial Tropical Organism Biochemistry	3(2+1)
BGY5103	Tropical Invertebrate Biology	3(2+1)
BGY5104	Advanced Mycology	3(2+1)
BGY5107	Conservation of Biodiversity	3(3+0)
BGY5108	Tropical Wildlife Conservation	3(3+0)

Elective Courses (Physiology)

BGY4304	Developmental Ecotoxicology	3(2+1)
BGY5301	Tropical Ichthyology	3(3+0)
BGY5303	Endocrine and Reproductive of Tropical Animals	3(3+0)

Elective Courses (Ecology)

BGY4406	Biology and Ecology of Seagrass	4(3+1)
BGY5401	Advanced Ecotoxicology	3(3+0)
BGY5402	Marine Benthic Ecology	3(3+0)
BGY5403	Advanced Limnology	3(2+1)
BGY5405	Bioremediation of Tropical Aquatic Ecosystem	3(3+0)
BGY5406	Behavioural Ecology	3(3+0)

Elective Courses (Genetics)

BGY5509	Conservation Genetics	3(3+0)
BGY5510	Advanced Genetic Polymorphism	3(3+0)
BGY5511	Genetic Technologies for Tropical Biology Research	3(2+1)



September Enrolment @ Serdang Campus

Department of Biology, Faculty of Science, UPM