UMS
UNIVERSITI MALAYSIA SABAH

Faculty of Computing & Informatics

Doctor of Philosophy (Computer Science)

Universiti Malaysia Sabah

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Doctor of Philosophy in Computer Science   MQA/FA7170

DURATION OF STUDY

Full Time 4 – 8 semesters | Part Time 6 – 12 semesters

PROGRAMME STRUCTURE

Study areas under the Doctor of Philosophy in Computer Science programme are:

1. Nature-inspired Computational Intelligence
2. Evolutionary Robotics, Behaviour-Based Robotics
3. Artificial Neural Networks
4. Evolving Game AI
5. Multi-Objective Optimization and Metaheuristics
6. Agent Technology
7. Semantic Technology
8. Natural Language Processing
9. Image Processing
10. Sentiment Analysis
11. Augmented Reality
12. Neuroinformatics

Requirements Before Submitting Notice of Thesis Submission

No	Requirements
1	Fulfil the minimum candidature durations of 4 semesters (Full Time) and 6 semesters (Part Time)
2	Fulfil the English Language Proficiency Requirement*
3	Pass the Research Methodology Course
4	Pass the Proposal Defence
5	Present Progress Reports as required by the faculty
6	Pass the Pre Viva

Criteria on Conferment of Degree

1. Produce at least two (2) article published / accepted in Scopus / WoS indexed journals before submitting the final thesis.

2. Present research work at least once at any conference and publish in Scopus indexed proceedings.

FEES	LOCAL (MYR)		INTERNATIONAL (MYR)
	FULL TIME	PART TIME	FULL TIME
Registration	580.00	580.00	2,930.40
Semester 1	2,143.00	2,033.00	4,620.00
Semester 2	2,118.00	2,008.00	4,620.00
Semester 3	2,143.00	2,033.00	4,620.00
Semester 4	2,118.00	2,008.00	4,620.00
Semester 5	2,143.00	2,033.00	4,620.00
Semester 6	2,118.00	2,008.00	4,620.00
Viva Voce	1,500.00	1,500.00	1,500.00

Graduate On Time Schedule

Semester	Activities	Milestone	Assessments
1	• Attend Research Methodology Course • Write research proposal • Learn to use reference manager software (Mendeley) and document preparation system (LaTeX)	• Pass Research Methodology Course • Pass Proposal Defence • Pass Progress Report	• Research Methodology Course • Proposal Defence • Progress Report
2	• Write thesis chapter 1 (Introduction) • Attend Research Literacy Course	• Pass Progress Report	• Progress Presentation • Progress Report
3	• Write thesis chapter 2 (Literature Review) • Attend Research Literacy Course • Write review/survey paper	• Submit review/survey paper to a Scopus/WoS indexed journal • Pass Progress Report	• Progress Presentation • Progress Report
4	• Write thesis chapter 3 (Methodology) • Attend Research Literacy Course	• Pass Progress Report	• Progress Presentation • Progress Report
5	• Conduct experiment or field work • Write thesis chapter 4 (Results and Findings) • Attend Research Literacy Course • Write journal article	• Present research work at a conference • Submit article to a Scopus/WoS indexed journal • Pass Progress Report	• Progress Presentation • Progress Report
6	• Write thesis chapter 5 (Conclusion) • Write journal article (optional) • Prepare a complete thesis	• Submit article to a Scopus/WoS indexed journal (optional) • Submit Thesis	• Pre-Viva • Viva • Thesis

*Applicable to all International Candidates