UMS
UNIVERSITI MALAYSIA SABAH

Faculty of Computing & Informatics

Doctor of Philosophy (Information Technology)

📍 Universiti Malaysia Sabah
📞 087-503000 Ext: 410300
@ jackelchew93@ums.edu.my (Postgraduate Programme Coordinator)
🌐 fki.ums.edu.my

Doctor of Philosophy in Information Technology   MQA/FA7090

ADMISSION REQUIREMENTS

1. Possess a Master's degree in Computing or its equivalent from any university approved by the Senate; **OR**
2. Possess a Master's degree or its equivalent in any field other than Computing may be accepted, provided that the applicant has a Bachelor's degree in Computing; **OR**
3. Candidates who are registered as Master candidates at the Universiti Malaysia Sabah and have obtained approval to upgrade by the Faculty's Postgraduate Committee and approved by the Senate; **AND**
4. Fulfil other requirements set by the Senate: Degrees awarded by local/private institutions of higher learning, including those awarded under any collaborative/franchising schemes with local or foreign partners, must be accredited by the Malaysian Qualifications Agency (MQA).

English Language Proficiency Requirements

1. International applicants or non-English speaking countries applicants must have at least IELTS Band 6.0 or TOEFL score of 60 (Internet-based) / 500 (paper-based) or MUET Band 4.0; **OR**
2. Fulfill the general language requirement outlined by the university.

DURATION OF STUDY

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

PROGRAMME STRUCTURE

Study areas under the Doctor of Philosophy in Information Technology programme are:

1. Information Systems
2. ICT for Development
3. Knowledge Management
4. ICT Research Methodology
5. Enterprise Systems
6. Action Research
7. Human Computer Interaction
8. Web Development Usability
9. Intelligent Knowledge-based Systems
10. Information Visualisation
11. Web Engineering
12. E-commerce

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