UMS
UNIVERSITI MALAYSIA SABAH

Faculty of Computing & Informatics

Doctor of Philosophy in Information Technology

SCAN TO APPLY

Faculty of Computing and Informatics (FCI), Universiti Malaysia Sabah, Jalan UMS, Kota Kinabalu, 88400, Sabah, Malaysia

+6088-329720

pejfki@ums.edu.my

Doctor of Philosophy in Information Technology   MQA/FA7090

(i) A Master's degree (Level 7, MQF) in the field of Computing or related fields as accepted by the university Senate; OR

(ii) A Master's degree (Level 7, MQF) in Non-Computing fields with a minimum of FIVE (5) years of working experience in the field of computing or related fields must undergo appropriate prerequisite courses as determined by the faculty; OR

(iii) A Master's degree (Level 7, MQF) in Non-Computing fields with less than FIVE (5) years of working experience in the field of computing or related fields must undergo appropriate prerequisite courses as determined by the faculty and subject to rigorous assessment by the faculty; OR

(iv) Candidates who are registered as Master candidates at the Universiti Malaysia Sabah and have obtained approval to upgrade by the university postgraduate committee and approved by the university Senate; OR

(v) Other qualifications equivalent to a Master's degree in the field of Computing or related fields recognised by the Government of Malaysia must undergo appropriate prerequisite courses as determined by the university.

English Language Proficiency Requirements (International Candidates only)

(a) International applicants or non-English speaking countries applicants must achieve a minimum of Band 4 in MUET or equivalent to CEFR (Mid B2) such as Band 6.0 in IELTS, score of 60 in TOEFL iBT and score of 59 in PTE; OR

(b) Fulfil the general language requirement outlined by the university.

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.

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

FEES	LOCAL (MYR)		INTERNATIONAL (MYR)
MODE	FULL TIME	PART TIME	FULL TIME
Registration	780.00	780.00	3130.40
Semester 1	2143.00	2033.00	4620.00
Semester 2	2118.00	2008.00	4620.00
Semester 3	2143.00	2033.00	4620.00
Semester 4	2118.00	2008.00	4620.00
Semester 5	2143.00	2033.00	4620.00
Semester 6	2118.00	2008.00	4620.00
Semester 7	2143.00	2033.00	4620.00
Viva Voce	1500.00	1500.00	1500.00
Total Fees	17206.00	16436.00	36970.40

Graduate On Time Schedule

Semester	Activities	Milestones	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 Voce • Thesis