UMS
UNIVERSITI MALAYSIA SABAH

Faculty of Computing & Informatics

Master of Science (Information Technology) by Research

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

Master of Science (Information Technology) by Research MQA/FA7087

ADMISSION REQUIREMENTS

(i) A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 3.00, as accepted by the university Senate; OR

(ii) A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 2.00 and not meeting a CGPA of 3.00 can be accepted subject to a thorough rigorous assessment by the faculty; OR

(iii) A Bachelor's degree (Level 6, MQF) in Non-Computing field with a minimum CGPA of 2.50 can be accepted subject to a thorough rigorous assessment by the faculty to identify the appropriate prerequisite courses that equivalent to their working experience in the Computing or related fields; OR

(iv) A Bachelor's degree (Level 6, MQF) in Non-Computing field with a minimum CGPA of 2.50 can be accepted subject to appropriate prerequisite courses; OR

(v) Other qualifications equivalent to a Bachelor's degree (Level 6, MQF) in Computing or related fields recognised by the Government of Malaysia must fulfil the requirement on item i or ii.

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 (Low B2) such as Band 5.5 in IELTS, score of 46 in TOEFL iBT and score of 51 in PTE; OR

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

Criteria on Conferment of Degree

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

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

DURATION OF STUDY

Full Time 2 – 6 semesters | Part Time 4 – 8 semesters

PROGRAMME STRUCTURE

Study areas under the Master of Science (Information Technology) by Research 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	730.00	730.00	3080.40
Semester 1	2033.00	1923.00	4380.00
Semester 2	2008.00	1898.00	4380.00
Semester 3	2033.00	1923.00	4380.00
Semester 4	2008.00	1898.00	4380.00
Semester 5	2033.00	1923.00	4380.00
Viva Voce	1000.00	1000.00	1000.00
Total Fees	11845.00	11295.00	25980.40

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 dissertation chapter 1, 2 and 3 (Introduction, Literature Review and Methodology) • 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
3	• Conduct experiment or field work • Write dissertation chapter 4 (Results and Findings) • Attend Research Literacy Course	• Present research work at a conference • Pass Progress Report	• Progress Presentation • Progress Report
4	• Write dissertation chapter 5 (Conclusion) • Write journal article • Prepare a complete dissertation	• Submit article to a Scopus/WoS indexed journal • Submit Dissertation	• Pre-Viva • Viva Voce • Dissertation