UMS
UNIVERSITI MALAYSIA SABAH

Faculty of Computing & Informatics

Master of Science (Information Technology) by Research

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

1. A Bachelor of Science degree (Level 6, MQF) in Computer Science/Information Technology or its equivalent with a minimum CGPA of 2.75; **OR**

2. A Bachelor of Science degree (Level 6, MQF) in Computer Science/Information Technology or its equivalent with a minimum CGPA of 2.50 may be accepted subject to rigorous internal assessment method for entry eligibility requirements such as:
   i. Private interview or group interview
   ii. University or employer certificate
   iii. Selection and research on candidate Transcript courses;
   OR

3. A Bachelor of Science degree (Level 6, MQF) in Computer Science/Information Technology or its equivalent with CGPA less than 2.50 may be accepted provided that the applicant has at least five (5) years of direct working experience in the ICT industry; **OR**

4. A Bachelor of Science degree (Level 6, MQF) or its equivalent in any field other than Computer Science/Information Technology with a minimum CGPA of 3.00 may be accepted provided that the applicant has taken all prerequisite modules in computing; **OR**

5. Diploma (Level 6, MQF)/ Sijil Tinggi Persekolahan Malaysia (STPM) or it's equivalent provided that the applicant has at least five (5) years of direct working experience in the ICT industry AND passed the Accreditation of Prior Experiential Learning (APEL) T-7 assessment; **AND**

6. Fulfill other requirements as 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

1. International applicants or non-English speaking countries applicants must have at least IELTS 5.0 or TOEFL 500/ or MUET BAND 3. **OR**

2. Fulfil the general language requirement outlined by the university.

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

Study areas offered under the Masters of Science (Information Technology) by Research programme are:

(i) Information Systems
(ii) ICT for Development
(iii) Knowledge Management
(iv) ICT Research Methodology
(v) Enterprise Systems
(vi) Action Research
(vii) Human Computer Interaction
(viii) Web Development Usability
(ix) Intelligent Knowledge-based Systems
(x) Information Visualisation
(xi) Web Engineering
(xii) E-commerce

FEES	LOCAL (RM)		INTERNATIONAL (RM)
	FULL TIME	**PART TIME**	**FULL TIME**
Registration	580.00	580.00	2,930.40
Semester 1	2,033.00	1,923.00	4,380.00
Semester 2	2,008.00	1,898.00	4,380.00
Semester 3	2,033.00	1,923.00	4,380.00
Semester 4	2,008.00	1,898.00	4,380.00
Viva Voce	1,000.00	1,000.00	1,000.00

Candidate Requirements for Master of Science (Information Technology) by Research

No	Requirements
	Below are requirement before submitting 3-Months' Notice of Submission
1	Fulfil the minimum candidature durations of 2 Semesters (Fulltime) and 4 Semesters (Part-Time)
2	Fulfil the University Language Requirement*
3	Attended the Research Methodology Course.
4	Presented your Research Proposal at the Proposal Defence by the end of 1st Semester.
5	Presented your research progress reports every semester as required by the faculty
	Publication requirements
1	2 Publications (Scopus / ISI indexed).

Applicable to all International Candidates

Ideal Graduate On Time Schedule for Masters of Science (Information Technology) by Research

Semester	Activities	Milestone/Outcome
S1	• Attend Research Methodology • Familiarize with EndNotes, Turnitin, Research Tools • Conduct Literature Review • Proposal Defence	• Complete Research Methodology Course • Present research Proposal
S2	• Expand Proposal to draft Chapter 1, 2 and 3 • Conduct Pilot Study/Experiment/Simulation • Begin Data Analysis • Publication 1 • Present Research Progress • Research Literacy Courses	• Submit Publication 1 • Research Progress Report
S3	• Finalise Chapter 1, 2 and 3 • Finalise Data Analysis • Begin Chapter 4 and 5 • Submit 3 Months Notice Form • Present Research Progress • Research Literacy Courses	• Complete Chapter 1, 2 and 3. • Complete Data Analysis • Complete Chapter 4 and 5 Draft • Research Progress Report
S4	• Finalise and Submit dissertation • Publication 2 • Pre Viva	• Submit Publication 2 • Dissertation Submission • Examiners Meeting Results