



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Razak Faculty of Technology
and Informatics

Master of Science in Informatics

MOA/SWA11095

“UNITE PEOPLE AND INFORMATION TECHNOLOGY IN THE PURSUIT OF A
SMARTER DIGITAL FUTURE”



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PROGRAMME OVERVIEW

Master of Science in Informatics

program is designed for Information Technology (IT) professionals or any professional involved in managing IT projects and services. This programme is designed to provide graduates with a broad range of informatics areas and their applications in the industry, along with the ability to critically evaluate and apply appropriate strategies and techniques to develop related informatics solutions. A broader range of skills will be learnt to understand better the broad range of information technologies and the specialised skills to apply frameworks and planning techniques for the strategic management of information systems. The graduates are expected to gain a solid understanding of the support of business information systems in modern organisational operations.

CAREER OPPORTUNITIES

- IT Executive
- IT Consultant
- Systems Analyst
- Systems Analyst
- Business Analyst
- IT Sales Manager
- IT Project Manager
- Chief Technology Officer
- IT Application Developer
- Technical Support Manager

 COURSEWORK (45 CR)

 Intake: February and September

Package 1: Weekdays Class
1.5 years (3 semesters) - 4 years (8 semesters)
Package 2: Weekend Class
2 years (4 semesters) - 4 years (8 semesters)

ENTRY REQUIREMENT

A Bachelor's Degree with good honours from Universiti Teknologi Malaysia or any other institution of higher learning recognised by the Senate; OR

A qualification equivalent to a Bachelor's Degree as per above area and experience in the relevant field recognised by the Senate.

Additional requirement for International Applicant
An English Certificate of IELTS with the minimum band of 6.0 OR TOEFL with the minimum score of 550

CORE COURSES

- Enterprise Architecture
- Information Engineering
- Human Information Processing
- Service Innovation Technology
- User Experience and Interaction Design
- Entrepreneurial Learning Organization and Culture
- Research Methodology
- 1 University General Course

ELECTIVE COURSES

- Healthcare Informatics
- Educational Informatics
- Strategic Business Informatics
- Enterprise Information System
- Secure Pervasive Development
- Social Informatics and Innovation
- Virtual Communication Technology
- Advanced Seminar on Informatics
- Trends and Issues in e-Communities
- Media Informatics and Visual Computing
- Network and Service Economy Systems & Technology

MASTER PROJECT

- Master Project 1
- Master Project 2



"Well rounded .."

“The program was well rounded, including both management aspects and technical aspect. It instilled in me the drive to always learn and evolve, which is very beneficial in my current technical team lead role. Overall the facilities, general administration including class and exam scheduling was good for a weekend students like me. Lecturers were excellent, they focused on imparting knowledge.”

REBECCA SANTHANASAMY

Solution Development Architect
T-Systems Malaysia



"Holistic understanding .."

“The research skills and study skills that I gain was beneficial in my teaching profession and delivered the best IT knowledge, technical and various software skills to my students. All lecturers are very good as they are go beyond helping help the student in researching the new topic and provide relevant advice. This gave me a holistic understanding of the IT environment that is essential for a world that is now shifted to 4.0 IR.”

CHAN MENG SHEN

Computer Teacher
Confucian Private Secondary School