

COMMUNICATION
INFORMATION
SYSTEM

PROGRAMMING

EXPOSITORY WRITING

DATABASE SYSTEMS

ENTREPRENEURSHIP

STRUCTURES & ALGORITHMS

ANALYSIS

WEB
E-COMMERCE

DATA

DESIGN

HUMAN COMPUTER INTERACTION

TELECOMMUNICATION

WIRELESS
EMBEDDED

ARTIFICIAL
INTELLIGENCE
APPLICATION

MOBILE

INFORMATION SECURITY

ARCHITECTURE



BACHELOR OF SCIENCE (HONS.) IN INFORMATION TECHNOLOGY

KPT REF. NUMBER: (R/482/6/0084) (09/18)

MQA REF. NUMBER: MQA/A9019

School of Science & Engineering



UNIVERSITY OF THE FUTURE

BACHELOR OF SCIENCE (HONS.) IN INFORMATION TECHNOLOGY

JPT/BPP(U)1000-801/5/Jld.4(28)

The Bachelor of Science in Information Technology programme prepares students to venture into the dynamically changing field of computing, information management, software engineering, Web applications, computer networking and telecommunications. It provides students with basic and advanced knowledge in these areas.

Programme Duration

3 years (6 semesters)

Programme Structure



Year 1

- Communication Skill
- Information System
- Principle of Programming
- Introduction to Database System
- Introduction to Computer Networking
- Expository Writing
- Intermediate Programming
- University Mathematics
- Data Structure & Algorithms



Year 2

- Object Oriented Analysis & Design
- Advanced Programming
- Information Security
- Web Technologies
- Software Engineering
- Operating Systems
- Data Mining
- Project Management



Elective

- Discrete Mathematics
- Internet Protocols
- Introduction to Multimedia
- Computer Architecture and Organization
- Telecommunication and Wireless Communication



Year 3

- Undergraduate Project
- Human Computer Interaction
- E-Commerce
- Placement Training



Careers, Industry & Pathways

Career Opportunities

Programmer, System Analyst, Software Engineer, Database Administrator, Tester, Researcher, Consultant, Trainer, and many others.

Internship

Students are exposed to real-life working environment through a 3 – 6 months internship with a private sector firm in the final semester.

Academic pathways

Graduate have the opportunity to pursue a Master in Information Technology/ Computer Science/Software Engineering.

Entry Requirements

Malaysian Citizens

- Passed Sijil Tinggi Pelajaran Malaysia (STPM) or A-Level with full credits in two subjects including Mathematics or Science with minimum CGPA 2.0 or
- Passed Diploma programme in related field from a public or private universities, polytechnics or other recognised institutions by the Malaysian Government with a minimum CGPA of 2.0; or
- Passed MUST Foundation Programme or Foundation programmes in related field from a public or private universities, polytechnics or other recognised institutions by the Malaysian Government with minimum CGPA 2.0; or
- Passed Matriculation programme in related field from a public or private universities, polytechnics or other recognised institutions by the Malaysian Government with minimum CGPA 2.0 ; or
- Any other equivalent qualifications recognised by the Malaysian Government; and
- Have taken Malaysian University of English Test (MUET) with a band score of 4

Non-Malaysian Citizens

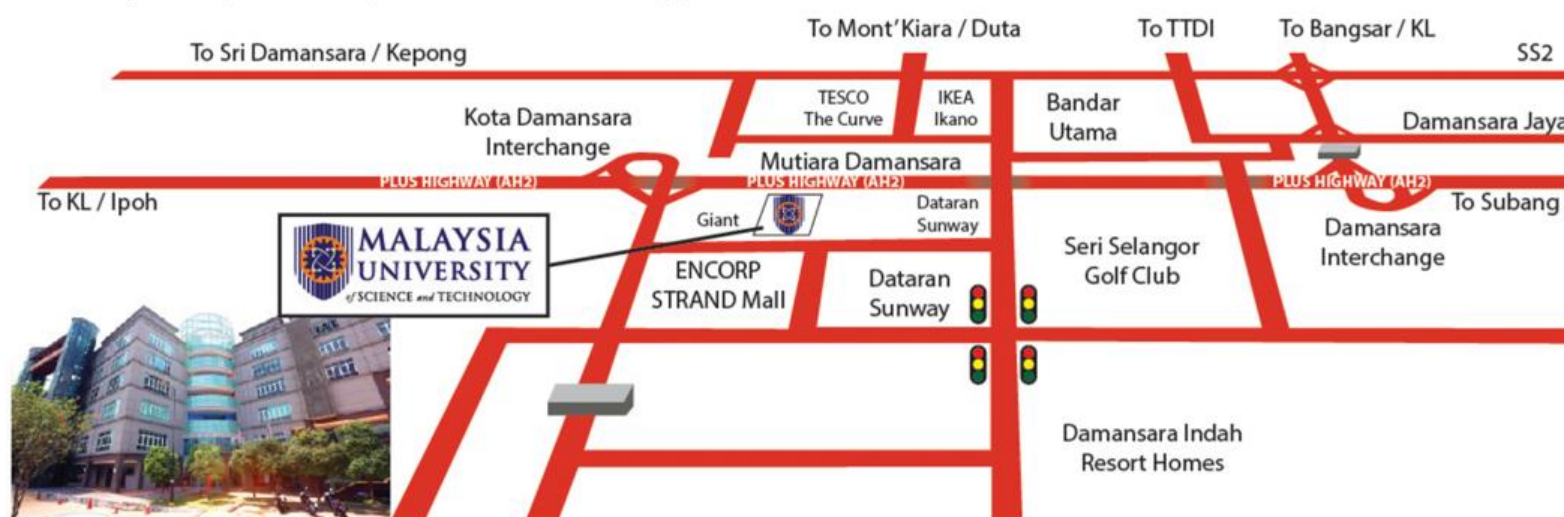
- Passed Diploma programme in related field from a universities or higher learning institutions recognised by the Malaysian Government with a minimum CGPA of 2.0; or
- Passed MUST Foundation Programme with minimum CGPA 2.0; or
- Any other equivalent qualifications recognised by the Malaysian Government.
- Have taken Malaysian University of English Test (MUET) with a band score of 4
- Language Proficiency – Applicants will be required to provide documentary evidence of proficiency in English in one of the following examination:
 - Test of English as a Foreign Language (TOEFL) at a score of 600 or higher is required
 - International English Language Testing Services (IELTS), a minimum overall score of 6.5 and at least 6.0 on each individual component of the test.
 - Provide proof of English proficiency as evaluated through personal interviews with MUST.

(Note: IELTS and TOEFL test results must be less than two years old and all IELTS must be the academic version of the test)



GPS: 3.154176, 101.596092

Search Maps : Malaysia University of Science and Technology (MUST)



In 1995, the then Prime Minister, Tun Dr. Mahathir Mohammad and a delegation from Malaysia made a working visit to Massachusetts Institute of Technology (MIT) and endorsed the establishment of university modelled after MIT. An agreement was signed in January 1997 to establish the Malaysia University of Science and Technology (MUST).

In its formative years, MUST was fully assisted and supported by MIT, a world-renowned university noted for its education and research in advanced science and technology.

MUST emulated MIT's method of teaching and learning which encourages creativity, analytical thinking, problem-solving, innovation and team-building. These are qualities that have been proven to be successful in producing entrepreneurial leadership in science, technology, business and management.

MUST also nurtures a research-driven culture in all fields of expertise to ensure depth of understanding and confidence in facing practical problem. The MIT model has been the impetus of the MUST culture that is vibrant, innovative and purposive to our local environment.



Asia Logistics and Supply Chain Council
PPM-009-10-04102016

Block B, Encorp Strand, Garden Office
No 12, Jalan PJU 5/1, Kota Damansara
47810 Petaling Jaya, Selangor

www.must.edu.my

EMAIL : enquiries@must.edu.my
TEL: +603 6150 8177
FAX : +603 6151 7577
FACEBOOK : [facebook/mustedumy](https://www.facebook.com/mustedumy)
FACEBOOK ALUMNI : [facebook/mustalumni](https://www.facebook.com/mustalumni)