In 1995, the then Prime Minister, Tun Dr. Mahathir Mohamad, and a delegation from Malaysia made a working visit to Massachusetts Institute of Technology (MIT) and endorsed the establishment of a 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 problems. The MIT model has been the impetus of the MUST culture that is vibrant, innovative, and purposeful to our local environment.
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
- Information Systems
- Intermediate Programming
- Introduction to Database Systems
- Data Structure & Algorithms
- Information Systems
- Intermediate Programming
- Introduction to Database Systems
- Data Structure & Algorithms

Year 2
- Object Oriented Analysis & Design
- Introduction to Computer Networking
- Advanced Programming
- Information Security
- Web Technologies
- Software Engineering
- Operating Systems
- Human Computer Interaction
- Object Oriented Analysis & Design
- Introduction to Computer Networking

Year 3
- Placement Training
- Undergraduate Project
- Data Mining
- E-Commerce
- Placement Training

Electives:
- Cyber Security
- Cryptography
- Advanced Database Systems
- Discrete Mathematics
- Artificial Intelligence
- Internet Protocols
- Introduction to Modeling and Simulation

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)