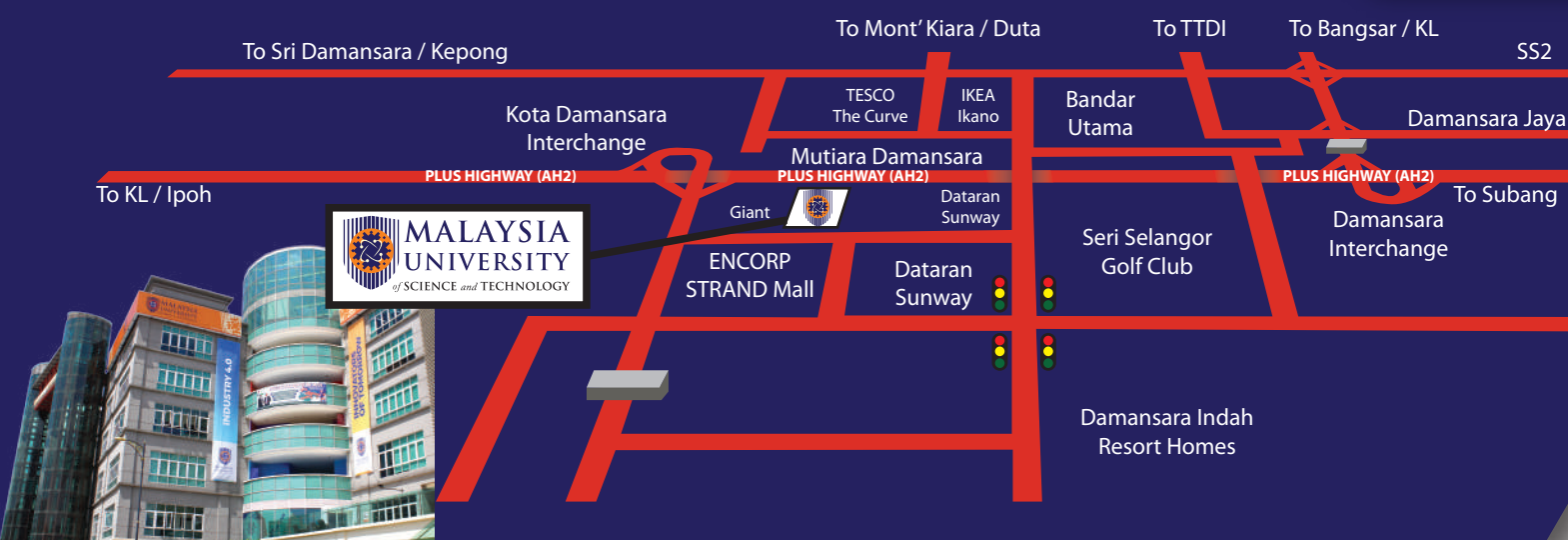




GPS: 3.154176, 101.596092
Search Maps : Malaysia University of Science and Technology (MUST)



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 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.

TRANSPORTATION
AIR LOGISTICS
SUPPLY CHAIN
PLANNING
HUMAN RESOURCES
STRATEGIC
PROCUREMENT
MANAGEMENT
PRINCIPLES
OPERATION FACILITIES
WAREHOUSE DISTRIBUTION
DESIGN
SUPPLY
CORPORATE SOURCING
EMERGENCY
SUSTAINABLE
FREIGHT
RISK
NETWORK
DESIGN RESEARCH METHODOLOGY



BACHELOR OF SCIENCE (Honours) IN SUPPLY CHAIN MANAGEMENT

(N/0414/6/0331)(06/26)(MQA/FA11498)
School of Transportation and Logistics

UNIVERSITY OF THE FUTURE

BACHELOR OF SCIENCE (HONOURS) IN SUPPLY CHAIN MANAGEMENT

Bachelor of Science (Honours) in Supply Chain Management aims to provide students with broad-based knowledge, and technical, operational, and entrepreneurial skills to perform effectively and ethically in the area of supply chain and business management, hence inculcating the desire for lifelong learning and career development. This program will increase the ability and readiness of the students to face and manage the changes in the working environment. Besides that, the Bachelor of Science (Honours) in Supply Chain Management will increase the opportunities to apply for more challenging positions and give skills and knowledge for becoming an expert in managing finances, people, information, processes, products, and technology interact in the supply chains ecosystem.

Programme Duration

3 years

Study Mode

Full Time

Module Outline

YEAR 1

Introduction to Transportation and Logistics Systems
Introduction to Supply Chain Management
Supply Chain Planning
Human Resource Management
Principles of Accounting
Principles of Management
Business Analytics and AI
Operations Management
Principles of Economy

YEAR 2

Warehouse and Distribution Management
Strategic Sourcing and Procurement
Facilities Design and Management
Marketing Management
Product and Inventory Management
Enterprise Resource Planning
Business Law
Management Accounting and Finance
Human Resource Management
Air Cargo Management

YEAR 3

Emergency Supply Chain and Risk
Supply Chain Strategy and Cases
Sustainable Supply Chain Management
Supply Chain Network Design
Business Ethics and Corporate Responsibilities
Undergraduate Project
Internship

Financial Aids

- PTPTN loan
- EPF Withdrawal

Program Learning Outcomes

- Develop a strong foundation in supply chain management, including logistics, procurement, inventory control, and global trade.
- Analyze real-world supply chain challenges and apply data-driven solutions for problem-solving and decision-making.
- Utilize supply chain tools, technologies, and best practices to improve efficiency and optimize operations
- Collaborate effectively with diverse teams in global and multicultural supply chain environments.
- Communicate supply chain strategies and solutions clearly and professionally to various stakeholders.
- Leverage digital platforms, analytics tools, and Enterprise Resource Planning systems to enhance supply chain decision-making and operations.
- Apply quantitative methods for forecasting, cost management, and supply chain performance analysis.
- Demonstrate leadership, take initiative, and make strategic decisions in supply chain management.
- Adapt to industry changes, manage time effectively, and commit to lifelong learning in the dynamic supply chain field.
- Identify opportunities, innovate processes, and develop entrepreneurial solutions in supply chain management.
- Uphold ethical, legal, and sustainable practices in all aspects of supply chain management.

Entry Requirements

- A pass in STPM with at least Grade C (GP 2.0) in any TWO subjects*; **OR**
- A pass in STAM with at least Grade Jayyid*; **OR**
- Matriculation or Foundation with at least CGPA of 2.00; **OR**
- A Diploma (Level 4, MQF) with at least CGPA of 2.00; **OR**
- An Advanced Diploma (Level 5, MQF) with at least CGPA of 2.00; **OR**
- A Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM), subject to HEP Senate / Academic Board approval; **OR**
- A Diploma Lanjutan Kemahiran Malaysia (DLKM), subject to HEP Senate / Academic Board approval; Note for (vi) & (vii): HEPs are required to conduct screening and provide necessary guidance specific to the discipline of the program. **OR**
- Other equivalent qualifications recognized by the Malaysian Government.

***Additional requirement: A pass in Mathematics and English at the SPM level or equivalent qualifications.**

Career Prospects

Supply Chain Coordinator, Supply Chain Planner, Procurement and Sourcing Analyst, Enterprise Resource Planner, International Logistics Coordinator, Inventory Specialist, Strategic Planner, Distribution Planner, Facilities Analyst, Supplier Management, Order Management.

