

For **qualifications** that make a real difference

to your career choices,

look no farther than

Management and Science University (MSU)

FACULTY of HEALTH and LIFE SCIENCES (FHLS)

www.msu.edu.my

Transforming LIVES, ENRICHING Future





### Mission

**TRANSFORMATIVE** - To provide compelling transformative learning experiences through educational opportunities and a collaborative learning environment centred on pioneering innovative delivery, ethical values, and economic as well as social transformation efforts.

**GLOBAL** - To be a leading globally connected university, diversely rich in culture and inclusiveness, and providing pathways for the exchange of knowledge and mobility programmes.

**ENTREPRENEURIAL** - To be the catalyst in a sustainable entrepreneurship ecosystem that promotes the development of an entrepreneurial culture as well as leaders with a global mindset.

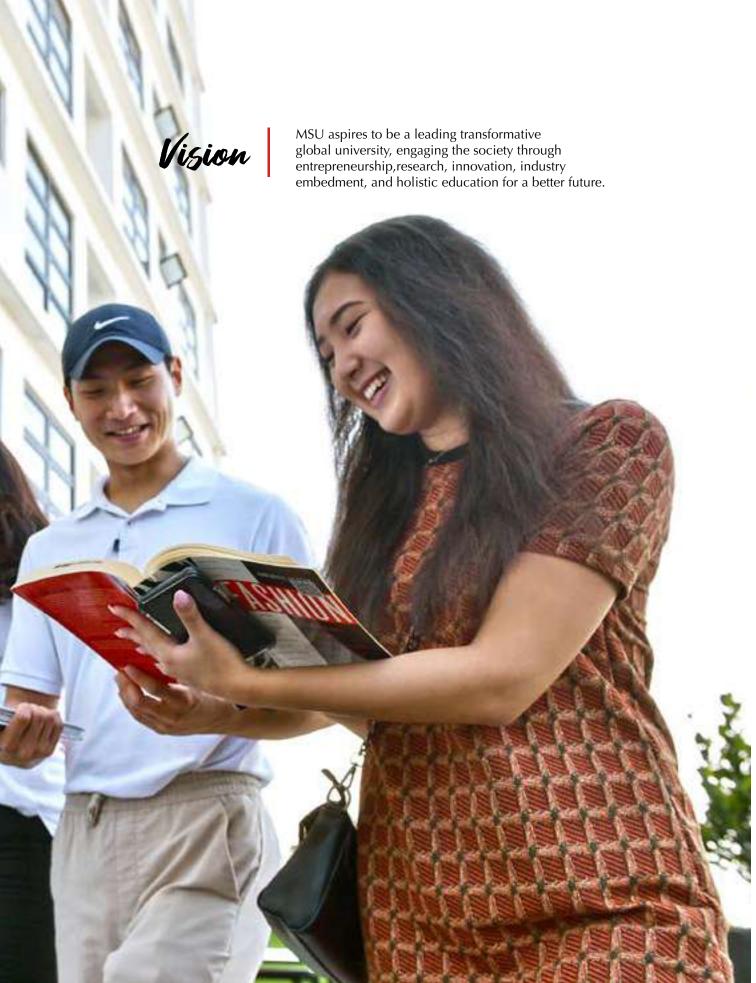
**RESEARCH & INNOVATION DRIVEN** - To promote the culture of research and innovation in responding to national and global challenges; commercialising its interdisciplinary and translational research outcomes through entrepreneurship and incubators.

**INDUSTRY EMBEDDED** - To enhance a collaborative environment with industries, where applications of knowledge and research are incorporated into an industry-embedded curriculum that complements talent mobility activities, career pathways, and global community engagement efforts.

**CARING INSTITUTION** - To ensure the talented but disadvantaged are not impeded from achieving their dreams on account of unfavourable socio-economic station, and to accord appropriate opportunities for the gifted to actualise their true potential.

**HOLISTIC EDUCATION** - To mould holistic graduates through a balanced education that will enrich their personal, interpersonal and social skills through multi-disciplinary approaches, leadership, integrity, professionalism, and academic excellence, and nurture lifelong learning.

**BETTER FUTURE** - To generate excellent talents, lifelong learners, and responsible global citizens, and create diversified career pathways that help transform lives for a better future.





40

years in education embedded with 21st-century technology 98.7%

graduate employability within 6 months of convocation 172+

accredited programmes

150+

leading international university collaborations

1700+

industrial partnerships supported by an entrepreneurship ecosystem 25

mannin

MINIM TONIO

key research areas including local and cross-border initiatives benefiting multiple communities

40+

countries with international students enrolled in MSU via various mobility programmes

30%

of MSU's faculty comprises international lecturers, broadening MSU's global outlook 25,000

students

# Recognitions and Awards



QS WUR Asia among Asia's Top Universities



Top 601+



Top 100 University in the World for Young University Ranked Under QS Top 50 Under 50



University in the world for 2020 **Graduate Employability** Rankings





TEACHING . EMPLOYABILITY . INCLUSIVENESS ONLINE LEARNING INTERNATIONALIZATION . SOCIAL RESPONSIBILITY . ACADEMIC DEVELOPMENT . . HOSPITALITY AND LEISURE MANAGEMENT .

Top in Hospitality & Leisure Management #51-100 World #02Malaysia

2021 by subject

Top in Art & Design (Fashion Design) #151-200 World #01 Malaysia

WORLD UNIVERSITY RANKINGS 2021 by subject

Top in Business & Management #451-500 World #11 Malaysia

Global Rankings by subject



Validated Award **Centre Status** (ASIQUAL), UK



ABEST-21, JAPAN



A Tier 5 Excellent Status University (Rating System for Malaysian Higher **Education Institutions -**Ministry of Higher Education)



Asia's 1st University Accredited by Accreditation Council for Entrepreneurial & Engaged Universities. (ACEEU), Netherland



**Platinum Standard Award** of 5 Crowns by ASIC, UK



Innovation and Excellence in **Higher Education** & Outstanding Student Support by ASIC, UK



Premier University Status by **Accreditation Service for** International Schools. **Colleges & Universities** (ASIC), UK



**Outstanding Leadership in** International TVET Education by ASIC, UK



**Global TVET Model University by** ASIC, UK



**ASIC's Inclusivity Awards** for Equality in Education



The BrandLaureate Best Brand in Education - For Leadership & Human Capital Development



**Entrepreneur of The Year Education Industry** 



Edu-Preneur of The Year



Lifetime Achievement in **Entrepreneurship Award** 



**Education & Learning** 



Excellence in Digitization



**Gold Awards School of Tourism** and Hospitality



of Excellence for Events Management



Malaysian Medical Council





Indian **Medical Council** 



**General Medical** Council (GMC), UK



**Maldives Medical and Dental Council** 



Offshore Campuses: . Bangalore . Colombo . Jakarta . Almaty .

### Shah Alain

### 'A vibrant and friendly city for all '

Management and Science University is located right in the heart of Shah Alam, the capital city of the state of Selangor. It is a city tailored for all, with much to see and do; from shopping malls and cafes, cultural attractions to parks and recreational centres. This 'Orchid City' offers visitors a variety of dining options from popular coffee outlets, bistros to fine dining restaurants; perfect for all budgets.

With a comprehensive public transportation system, visitors are able to have a smooth

commute to Kuala Lumpur, Malaysia's capital city and reach the Kuala Lumpur International Airport via the Express Rail Link (ERL) in just thirty minutes. Further expansions set to be completed in 2020 will see the LRT3 (Light Rail Transit) system which runs through strategic locations in Shah Alam; bringing better mobility and connectivity to commuters. An added bonus will be the Malawati LRT3 station which will be right next to MSU; providing easy access to all.

Regardless of where you come from, whether halfway across the world or a few kilometres away, Shah Alam is an ideal destination to continue your studies.





#### **Hotels and Accommodations**



Sports and Recreational Facilities



**Local Street Foods** 



# $\begin{array}{c} Malaysia \text{ is ranked} \\ \text{as the World's 9}^{\text{th}} \\ \text{most preferred study destination.} \end{array}$

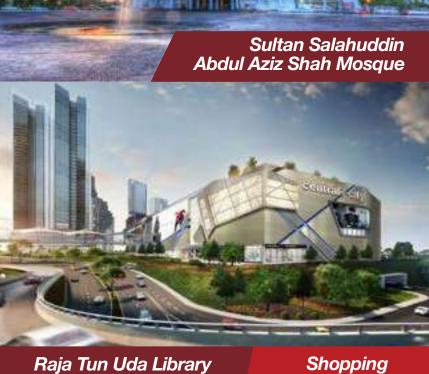
\* International Students Mobility Survey by United Nations Educational, Science and Cultural Organisation (UNESCO)

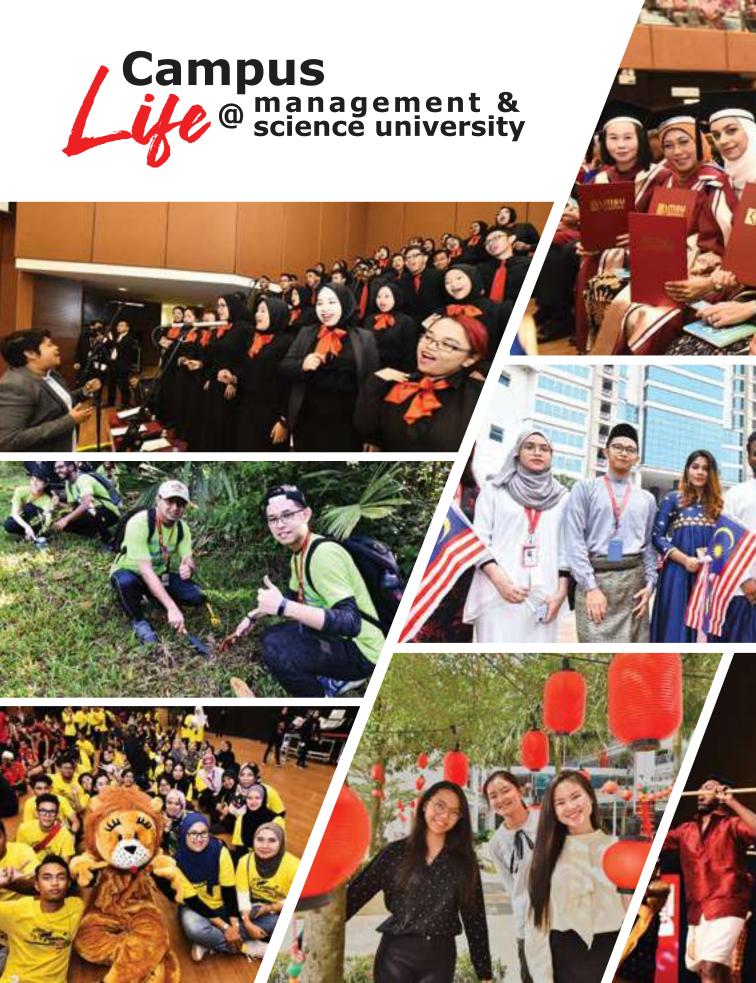
### **Kuala Lumpur**

World's most affordable city for students

\* QS Best Student Cities 2017 survey













Learning in MSU is not limited within the four walls of the classroom. The experiential learning implemented provides our students with the necessary knowledge in their respective fields.

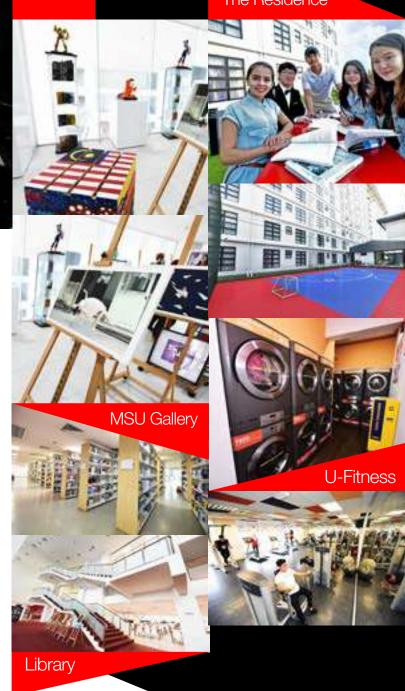


The Residence

# Campus

MSU continuously strives to provide the best services to the students and staff. From banking services, travel bookings to various food outlets, students can find almost everything they need on campus.







Bank

# FHLS FACULTY OF HEALTH AND LIFE SCIENCES



The Faculty of Health and Life Sciences (FHLS) at Management & Science University (MŠU) comprises the three departments of Healthcare Professional, Optometry & Visual Science, and Diagnostic & Allied Health Science. Providing quality education in a vibrant setting, its supportive learning environment extends the boundaries of

knowledge with discoveries and innovations. Committed to excellence in teaching and research, FHLS is dedicated to providing a holistic, dynamic, enterprising educational experience and to constantly forge excellent links with major national and international organisations and universities.

Health Care Professional Diagnostic and Allied Health Science Optometry and Visual Science





#### FACULTY OF HEALTH AND LIFE SCIENCES

### HEALTH CARE PROFESSIONAL

- 1. Bachelor in Food Service Technology (Hons)
- 2. Bachelor in Nutrition (Hons)
- 3. Bachelor in Cardiovascular Technology (Hons)
- 4. Bachelor in Halal Quality Assurance (Honours)
- 5. Diploma in Radiotherapy
- 6. Diploma in Physiotherapy
- 7. Advance Diploma in Midwifery

- 1. KPT/ JPS (R2/811/6/0035) 06/22
- 2. KPT/ JPS (R/726/6/0065) 08/26
- 4. KPT/JPS (N/725/6/0079) 12/22
- 5. KPT/JPS (N/345/6/1092) 12/23
- 8. KPT/JPS(N/725/4/0036) 04/21
- 9. KPT /JPS (N/726/4/0283) 04/21
- 10. KPT /JPS (N/723/5/0175) 03/24

# FOR MORE INFORMATION PLEASE VISIT

http://www.msu.edu.my/faculty-health-life-sciences/





### **Bachelor in Food Service Technology (Hons)**

KPT/ JPS (R2/811/6/0035) 06/22

### ABOUT THE PROGRAMME

MSU's Bachelor in Food Service Technology programme prepares you for successful operation of the food business. With food service technology, businesses can find ways not only to make their operation run more smoothly, but also make an impact on its customers through better quality food. Through this programme, you will be exposed to monitoring techniques and effective approaches to running a food service business. You will learn food microbiology, processing and preservation, nutrition, also quality control and assurance.

Experience studying abroad through MSU Global Mobility Programme, through which you can study for a semester or more at MSU's international partner universities in Europe or Asia. You also have the option of completing your internship overseas through the MSU Global Internship Programme. Both these mobility programmes will further enhance your future employability.

# AMONG THE COURSES OFFERED

#### Year One

- Microbiology
- Food Microbiology
- Food Service Information System

#### Year Two

- Purchasing and Menu Planning
- Food Quality Control and Assurance
- Food Service Layout and Design
- Food Processing and Preservation

#### **Year Three**

- Food Service Management
- Ethics in Food Industry
- Industrial Training

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor in Food Service Technology (Hons) provides a pathway to postgraduate programmes including the Master in Science (Food Technology) and the Master of Science (Applied Science) offered by MSU's School of Graduate Studies.

#### CAREER

- Food Manufacturing Officer
- Food Technologist
- Quality Control Officer
- Product Development Manager

### **Bachelor in Nutrition (Hons)**

KPT/ JPS (R/726/6/0065) 08/26

### **ABOUT** THE PROGRAMME

Awareness of healthy living, exercising and balanced diet has risen exponentially across the years. People are much more aware of good nutrition and generally would search for healthier food options. This is where nutritionists come into the picture. Nutritionists help translate nutrition science to the public and provide advice about good food choices for healthy eating.

The curriculum of the MSU Bachelor in Nutrition programme aims to produce graduates competent in handling not only common nutritional problems but also capable of decision-making in clinical and community nutrition. The innovative and constructive learning environment at Management and Science University will assist you in graduating with a host of skills including a wide range of transferable communication, analytical and interpersonal skills. The industrial component of the programme may be conducted locally or abroad through the MSU Global Internship programme, which will further amplify your future employability.

# AMONG THE COURSES OFFERED

#### Year One

- Human Anatomy and Physiology
- Principle of Human Nutrition
- Nutrition Through Life Cycle

#### **Year Two**

- Food and Nutrient Analysis
- Nutrition and Metabolism
- · Assessment of Nutritional Status
- Nutrigenomics

#### **Year Three**

- Contemporary Issues in Nutrition
- Health Promotion and Education for Nutrition
- Nutrition Therapy

#### **Year Four**

• Internship

#### DURATION 4 YEARS

### FIND OUT

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor in Nutrition (Hons) provides a pathway to postgraduate programmes including the Master in Science (Food Technology) and the Master of Science (Applied Science) offered by MSU's School of Graduate Studies.

### **CAREER** PROSPECTS

- Nutrition Officer
- Public Health Educator
- Wellness Counselor

### **Bachelor in Cardiovascular Technology (Hons)**

KPT/JPS (N/725/6/0079) 12/22

### **ABOUT** THE PROGRAMME

Cardiovascular technologists deal with the diagnosis and treatment of patients with diseases of the heart (cardiac) or blood vessels (vascular). They perform cardiovascular examination and therapeutic procedures through the use of specific high-technology equipment and at the direction of qualified physicians, to create an easily definable data from which correct anatomic and physiologic diagnosis may be developed for each patient. Cardiovascular technologists play an integral role in the treatment process, applying their judgement, analytical thinking and problem solving skills in the process of obtaining accurate diagnostic information.

The undergraduate programme leading up to the award of a Bachelor in Cardiovascular Technology (Hons) from Management and Science University (MSU) has been designed according to the recommendations of the community of cardiovascular technologists via the Malaysian Society of Cardiovascular Technology. With a curriculum designed for current clinical needs, qualified and experienced lecturers from both clinical and academic research backgrounds, knowledge transfer through projects and research based activities, students are well prepared for a career in healthcare.

# AMONG THE COURSES OFFERED

#### Year One

- Medical Microbiology
- Nursing Science
- Anatomy and Physiology
- Biochemistry

#### **Year Two**

- Electrocardiography
- Echocardiography
- Invasive Cardiovascular Lab
- Adult Cardiology

#### **Year Three**

- Clinical Pharmacology
- Paediatric Cardiology
- Medical Informatics
- · Pacemaker and Electrophysiology

#### **Year Four**

- Clinical Exposure
- · Research Project

DURATION 4 YEARS

#### FURTHER STUDY OPTIONS

Bachelor in Cardiovascular Technology (Hons) is an ideal pathway to healthcare related postgraduate programmes offered by MSU's School of Graduate Studies.

### **CAREER** PROSPECTS

- Cardiovascular Technologist
- Echocardiographer
- Cardiac Sonographer

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



### **Bachelor in Halal Quality Assurance (Hons)**

KPT/JPS (N/345/6/1092) 12/23

### **ABOUT** THE PROGRAMME

This program covers Halal Quality Management within the Halal industry sector. Graduates in this field will acquire an understanding, skills and expertise in Halal Quality Management.

# AMONG THE COURSES OFFERED

- Introduction to Halal Quality Assurance
- Introduction to Halal Concept
- Introduction to Food Science
- Global Halal Food Market
- Usul-al-Figh
- Islamic Dietary Laws: Theory and Practice
- Islamic Finance and Entrepreneurship
- Islamic Economics Theory
- Business Process Management
- Fermentation Products and Syariah Compliance
- Animal Farming Through Halal Perspectives

#### DURATION 4 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

This programme will assist you in your transition to university or employment and may give you guaranteed entry into postgraduate programmes offered by MSU's School of Graduate Studies.

#### **CAREER**

- Halal Executive
- Halal Auditor
- Food industries
- Banking industries
- Hotels, Restaurants and Retails

### **Diploma in Radiotherapy**

KPT/JPS(N/725/4/0036) 04/21

### **ABOUT** THE PROGRAMME

Radiation therapists, therapeutic radiographers, or radiotherapists work especially closely with radiation oncologists and medical physicists. They effectively design and administer radiation treatments and manage the wellbeing of primarily cancer patients. Their responsibility is to interpret the radiation oncologist's prescription and develop a treatment plan.

MSU's Diploma in Radiotherapy programme will train you across the medical sciences spectrum; from human anatomy and oncology to radiation therapy and imaging, among others. You will receive training from our lecturers who have years of experience in the field, and will be engaged in collaborative group projects, discussions and presentations in the course of your study. A clinical practice will further enhance your theoretical and practical skills in this discipline.

# AMONG THE COURSES OFFERED

#### Year One

- Pharmacology
- Patient Care in Radiotherapy
- Radiotherapy Equipment
- Radiation Physics

#### Year Two

- Image Processing
- Radiographic Anatomy
- Basic Oncology

#### **Year Three**

- · Sectional Anatomy
- Introduction to Special Imaging Modalities
- Clinical Practice

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Diploma in Radiotherapy will assist you in your transition to university or employment and may give you guaranteed entry into healthcare related bachelor programmes at Management and Science University.

### CAREER

- Therapeutic Radiographer
- Diagnostic Radiographer

### **Diploma in Physiotherapy**

KPT /JPS (N/726/4/0283) 04/21

### **ABOUT** THE PROGRAMME

Physiotherapy or physical therapy is the treatment of disease or injury by physical means such as exercise therapy, mobilization, or movement. A physiotherapist's work involves the rehabilitation of patients across ages and conditions such as orthopedic, sports injury, chronic or neurological diseases. MSU's Diploma in Physiotherapy programme will equip you with core knowledge in areas such as human anatomy and physiology, kinesiology and pathology.

The curriculum is carefully crafted to ensure students become competent and inventive practitioners later in their career. This programme is delivered through innovative, 21st century teaching techniques, which will engage you in collaborative, highly focused assessments and projects to give you a solid foundation for a career in physiotherapy.

# AMONG THE COURSES OFFERED

#### Year One

- Human Anatomy
- Physiotherapeutic Skills
- General Pathology
- Clinical Placement I

#### Year Two

- Physiotherapy in Respiratory
- Physiotherapy in Acute Care
- Physiotherapy in Special ClientsPediatrics
- Clinical Placement II

#### **Year Three**

- Physiotherapy in Special Clients
   Geriatric
- Physiotherapy in Special Clients
   Women's Health
- Clinical Placement III, IV, V and VI

#### DURATION 3 YEARS

### FIND OUT

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Diploma in Physiotherapy will assist you in your transition to university or employment and may give you guaranteed entry into healthcare related bachelor programmes at Management and Science University.

#### CAREER PROSPECTS

- Assistant Physiotherapist
- Sports Therapist

### **Advance Diploma in Midwifery**

KPT / IPS (N/723/5/0175) 03/24

### **ABOUT** THE PROGRAMME

The Advanced Diploma in Nursing (Midwifery) equips student with pertinent knowledge and skills to become sensitive, safe and competent midwives who will be able to meet the needs of women and their families during the time of birth. It is planned especially for Registered Nurses who have obtained their Diploma in Nursing or Bachelor of Nursing. On completion of the course, the graduate can safely provide services in various aspects of obstetrics, gynaecology and neonatology.

# AMONG THE COURSES OFFERED

- · Health assessment
- Promotion and Education
- Medical Diseases, Abnormal Pregnancy & Abnormal Labor
- Perinatal & Neonatal Introduction to Midwifery Normal Pregnancy and Normal Labor
- Obstetric and Gynaecology Emergency

- Community Health Nursing Research methods and Statistics
- Clinical Practice I, II and III.

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Advance Diploma in Midwifery will assist you in your transition to university or employment and may give you guaranteed entry into healthcare related bachelor programmes at Management and Science University.

### **CAREER** PROSPECTS

 Registered Midwifery locally and international, Lactation Nurse



FACULTY OF HEALTH AND LIFE SCIENCES

## DIAGNOSTIC AND ALLIED HEALTH SCIENCE

- 1. Bachelor in Forensic Science (Hons)
- 2. Bachelor of Biomedical Science (Hons)
- 3. Bachelor in Bioinformatics (Hons)
- 4. Bachelor in Health Science Management (Hons)
- 5. Bachelor in Environmental Health (Honours)
- 6. Bachelor in Occupational Safety and Health (Honours)
- 7. Diploma in Medical Laboratory Technology
- 8. Diploma in Occupational Safety and Health
- 9. Diploma in Sport Science

KPT/ JPS (R2/725/6/0100) 09/26

KPT/ JPS (R2/421/6/0040) 06/22

KPT/ JPS (R2/481/6/0287) 08/24

KPT/ JPS (N/720/6/0094) 10/21

KPT/JPS (N/853/6/0049) 11/25

KPT/JPS (N/862/6/0079) 11/25

KPT/ JPS (R2/725/4/0010) 07/22

KPT/JPS (R2/862/4/0053) 08/24

KPT /JPS (R/813/4/0029) 12/25

# FOR MORE INFORMATION PLEASE VISIT

http://www.msu.edu.my/faculty-health-life-sciences/





### **Bachelor in Forensic Science** (Hons)

KPT/ JPS (R2/725/6/0100) 09/26

### **ABOUT** THE PROGRAMME

Studying forensic science at Management & Science University will arm you with the knowledge and skills necessary for the collection, examination and analysis of physical evidence for a criminal investigation. You will be trained to integrate scientific theory with hands-on work in a highly specialized forensic laboratory, learn various theories of crime and society deviance, criminal law and the criminal justice system.

You will receive in-depth training in the key techniques of forensic science by experienced lecturers as well as guest speakers from top laboratories in Malaysia. Transferable skills aquired through your analytical training will further amplify your future employability.

# AMONG THE COURSES OFFERED

#### Year One

- Cell Biology and Genetics
- Anatomy and Physiology
- Basic Microbiology
- Biostatistics

#### **Year Two**

- Introduction to Forensic Science and Physical Evidence
- Firearms and Ballistics
- Food Chemistry
- Chemistry of Explosion

#### **Year Three**

- Forensic Entomology
- Forensic Toxicology
- Forensic DNA Profiling

#### **Year Four**

- Polymer Chemistry
- Industrial Training

#### DURATION 4 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor in Forensic Science (Hons) provides a pathway to postgraduate programmes including the Master in Biomedical Science and the Master of Science (Applied Science), both offered by MSU's School of Graduate Studies.

#### **CAREER**

- Forensic Analyst
- Toxicologist
- Criminologist

### **Bachelor of Biomedical Science (Hons)**

KPT / IPS (R2/421/6/0040) 06/22

### **ABOUT** THE PROGRAMME

Bachelor of Biomedical Science at Management and Science University prepares you for a career in biomedical science with a strong emphasis on research. You will attain solid foundations in both the biological and the medical sciences through extensive theoretical knowledge and advanced laboratory skills. Throughout your studies, you will be guided by our lecturers and industry professionals, and will be engaged in collaborative group projects, discussions and presentations.

To enhance your employability, you will undertake an industrial placement at the end of the programme to gain experience in the working environment of local hospitals or biomedical companies. You may also apply for the MSU Global Internship Programme, which would add value to your knowledge and experience in the discipline.

# AMONG THE COURSES OFFERED

#### Year One

- Cell Biology and Genetics
- Anatomy and Physiology
- Public Health
- Biochemistry

#### **Year Two**

- Clinical Biochemistry
- Medical Parasitology
- Medical Entomology
- Pharmacology and Toxicology

#### Year Three

- Neuropharmacology
- Haematology and Phlebotomy
- Industrial Training

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor of Biomedical Science (Hons) provides a pathway to postgraduate programmes including the Master in Biomedicine (by research), the Master in Biomedical Science, and the Master of Science (Applied Science), all offered by MSU's School of Graduate Studies.

#### **CAREER**

- Medical Laboratory Manager
- Science Officer
- Medical Product Specialist

### **Bachelor in Bioinformatics (Hons)**

KPT/ JPS (R2/481/6/0287) 08/24

### **ABOUT** THE PROGRAMME

Bioinformatics is an area of study which intersects biotechnology and computing science. It applies computer science and information technology to processing of biological data. This is a field with enormous possibilities in advancing medicine, agriculture and other biology-related areas.

With the support of our lecturers, your analytical and problem-solving skills will be enhanced through collaborative, group-based assessments and projects. Expand your learning horizon by participating in the MSU Global Mobility Programme, which lets you study for one semester or more overseas at MSU's international partner universities. In your final year, you will undertake an industrial placement to gain real working experience.

# AMONG THE COURSES OFFERED

#### Year One

- E-Health and Ethics in Bioinformatics
- Cell and Tissue Biology
- General Genetics
- Biochemistry

#### Year Two

- Molecular Biology
- Data Structure and Algorithm
- JAVA Programming
- Informatics Ecology and Environment

#### **Year Three**

- Sequence and Structure Analysis
- Biodiversity
- Industrial Training

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor of Bioinformatics (Hons) provides a pathway to postgraduate programmes including the Master in Biomedical Science and the Master of Science (Applied Science), both offered by MSU's School of Graduate Studies.

#### **CAREER**

- Bioinformatics Researcher
- Pharmaceutical Research Technician
- Research Data Technician

### **Bachelor in Health Science Management (Hons)**

KPT/ JPS (N/720/6/0094) 10/21

### **ABOUT** THE PROGRAMME

The MSU Bachelor in Health Science Management programme is designed for individuals with the skills and competencies to function as supervisors and administrators in health care settings. Management is embedded into the healthcare context, integrating clinical understanding and knowledge of healthcare policies with managerial skills. You will study methods of managing people and maximising resources and finance as well as handling crises and emergencies, developing your professional competencies.

You will receive training from our lecturers, who have years of experience in the field; and will engage in collaborative group projects, discussions and presentations. A scheduled hospital attachment will bring together your theoretical and practical understanding of the discipline.

# AMONG THE COURSES OFFERED

#### Year One

- Disaster Management
- Principle of Health Care and Disease Prevention
- Socio-Cultural Aspect of Health Care
- Health Safety, Emergency and Crisis Management

#### **Year Two**

- Health Care Programme Planning and Evaluation
- Instrumentation
- Planning, Designing and Management of Clinical Services
- Biostatistics

#### **Year Three**

- National Health Policy and Law
- Quality Management and Hospital Accreditation System
- Hospital Attachment

DURATION 3½ YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Bachelor in Health Science Management (Hons) provides a pathway to postgraduate programmes including the Master of Science (Applied Science) offered by MSU's School of Graduate Studies.

### CAREER

- Health Care Consultant
- Hospital Administrator
- Managed Care Administrator
- Quality Improvement Officer

### **Bachelor in Environmental Health (Hons)**

KPT/JPS (N/853/6/0049) 11/25

### **ABOUT** THE PROGRAMME

Bachelor in Environmental Health (Hons) focuses on the surrounding environment and factors that affect the inhabitants in terms of toxicology effects of the environment, as well as to focus on the needs of management of daily waste production, the monitoring of water and air quality, and risk assessment to the public. Related laws and regulations will be emphasized to enhance sustainability of the living environment.

# AMONG THE COURSES OFFERED

#### Year One

- Introduction to Environmental Health and Safety
- Anatomy and Physiology
- Biochemistry
- Environmental Health Analytical Instrumentation

#### **Year Two**

- Water Supply and Quality Control
- Vector and Pest Management
- Domestic and Industrial Wastewater Management
- Management of Hazardous Materials

#### **Year Three**

- Pollution Control and Technology
- Environmental Health Impact Assessment
- Disease Mapping and Modelling
- Environmental Health Project I
- Environmental Health Field Practical Experience I

#### **Year Four**

- Environmental Health Project II
- Environmental Health Field Practical Experience II

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

This programme will assist you in your transition to university or employment and may give you guaranteed entry into postgraduate programmes offered by MSU's School of Graduate Studies.

#### **CAREER**

#### **PROSPECTS**

 Industrial Hygienist, Environmental Health Officer, Environmental Health and Safety Executive, Quality and Safety Environment Officer, Environmental Impact Assessor and Environmental Engineers

# **Bachelor in Occupational Safety and Health (Hons)**

KPT/JPS (N/862/6/0079) 11/25

### **ABOUT** THE PROGRAMME

Bachelor in Occupational Safety and Health (BOSH) focuses on law enforcement for a safe and healthy workplace by preventing exposure towards occupational risk, accidents and diseases to the workers. The core principle of OSH stands on prevention of unsafe working conditions especially involving industries. This course will emphasize on OSH law and regulation, industrial hazards, risk assessment, occupational diseases as well as control, protection and preventive measures at work to produce a qualified OSH graduates.

# AMONG THE COURSES OFFERED

#### Year One

- Principles in Occupational Safety and Health
- · Anatomy and Physiology
- · Occupational Safety and Health Laws
- Industrial Toxicology

#### Year Two

- Biostatistics
- Occupational Epidemiology
- Management of Hazardous Materials
- Equipment, Process and Machinery Safety
- OSH Risk Management

#### **Year Three**

- Industrial Hygiene
- Research Methodology
- Indoor Air Quality
- OSH Surveillance and Monitoring
- Ergonomics

#### **Year Four**

- Accident and Incident Invesigation Analysis
- OSH Communication and Promotion
- OSH Research Project II
- Industrial Training

#### DURATION 3 YEARS

### FIND OUT

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

This programme will assist you in your transition to university or employment and may give you guaranteed entry into postgraduate programmes offered by MSU's School of Graduate Studies.

#### **CAREER**

#### **PROSPECTS**

 Safety and Health Officer, Health, Safety and Environment Executive, Industrial Hygienist, Health Inspector, Safety Consultant

### **Diploma in Medical Laboratory Technology**

KPT/ IPS (R2/725/4/0010) 07/22

### **ABOUT** THE PROGRAMME

Medical laboratory technology is one of the most rapidly expanding health care fields. For those who have an interest in science and technology in health care, this field will offer you a variety of career opportunities. You will work independently or as part of a team to conduct procedures and tests in a dynamic diagnostic environment.

Lecturers who have extensive training in this area will guide you throughout the programme, sharing their expertise and introduce you to the latest developments in medical laboratory technology. The practical component of this programme is further strengthened by clinical training in hospitals and laboratories which will place you in different settings to gain specific laboratory experiences and technical competence.

# AMONG THE COURSES OFFERED

#### Year One

- General Biology and Human Genetic
- Parasitology
- Clinical Biochemistry
- Immunology and Serology

#### **Year Two**

- Haematology Diagnostic
- Cytology
- General Pathology
- Clinical Immunohaematology

#### **Year Three**

- Histopathology
- Clinical Training

DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Diploma in Medical Laboratory Technology will assist you in your transition to university or employment and may give you guaranteed entry into MSU's Bachelor in Biomedical Science programme.

#### CAREER

- Medical Laboratory Technologist
- Insurance Underwriter
- Phlebotomist

### **Diploma in Occupational Safety and Health**

KPT/IPS (R2/862/4/0053) 08/24

### **ABOUT** THE PROGRAMME

Occupational safety and health is a multidisciplinary field concerned with the safety, health and welfare of people at work. The concern for occupational safety is not only for industries which are high-risk such as construction sites, ship yards and container terminals but also for non-industrial worksites. Apart from focusing on areas of health and safety, the curriculum integrates business management into the mix of specialized technical health and safety skills to balance scientific with real-world management. You will spend your final year in internship, to gain skills and exposure that enhance your learning experiences.

The Diploma in Occupational Safety & Health programme at Management and Science University aims to produce graduates capable of maintaining a safe and healthy environment in the 21st-century workplace. You will be equiped to pursue your studies at a higher level or enter the job market.

# AMONG THE COURSES OFFERED

#### Year One

- Anatomy and Physiology in Health Sciences
- OSH Legislations
- Epidemiology and Biostatistics
- Risk Management

#### **Year Two**

- Machine Safety
- Emergency Preparedness and Response
- Chemical Health Risk Assessment
- Transportation and Road Safety

#### **Year Three**

- Risk Communication
- Industrial Attachment

#### DURATION 3 YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Diploma in Occupational Safety & Health will assist you in your transition to university or employment and may give you guaranteed entry into health-related MSU bachelor programmes offered by the Faculty of Health and Life Sciences.

#### **CAREER**

- Safety and Health Officer
- Occupational Hygienist
- Production Supervisor
- OSH Investigator

### **Diploma in Sport Science**

KPT /JPS (R/813/4/0029) 12/25

## **ABOUT** THE PROGRAMME

The Diploma in Sport Science programme offers the opportunity for you to pursue your interests in athletics. You will develop in-depth knowledge of the key factors in sports, exercise and health through the science perspective. As a student of sport science, you would be looking into how exercise programmes and activities affect our health, and also physical activity as treatment and prevention of diseases.

As the market for the sports industry grows, graduates of this programme will meet the country's demand for experts trained in both science and sports at the administrative and sub-professional levels. This programme will be your first step towards a career in coaching, teaching, health and fitness, exercise science, leisure and sport administration.

## AMONG THE COURSES OFFERED

#### Year One

- Anatomy and Physiology
- Health and Fitness Assessment
- Exercise Physiology
- Principles of Coaching

#### **Year Two**

- Motor Learning and Development
- Sports Psychology and Sociology
- Designing Exercise Program
- Management and Maintenance of Sports Facilities

#### **Year Three**

- Legal and Ethical Issues in Sports
- Sports Attachment

DURATION 2½ YEARS

### FIND OUT MORE

facebook.com/ MSUmalaysiaFHLS



#### FURTHER STUDY OPTIONS

Diploma in Sport Science will assist you in your transition to university or employment and may give you guaranteed entry into health-related bachelor programmes offered by the Faculty of Health and Life Sciences.

### **CAREER** PROSPECTS

- Sports Instructor
- Strength and Conditioning Coach
- Fitness Coordinator
- Sport Administrator



## Studying at **msu**

#### **IMPROVING YOU**

The learning experience at Management & Science University is not only about getting the theoretical knowledge of your chosen field. We are also committed to providing you with the skills required to excel in the workplace or for further studies. Skills such as communication, leadership and teamwork are some of the soft skills embedded in our course delivery.

"As our continuous improvement system, we will actively seek your feedback and views on your programme and campus facilities so we can continue to develop and upgrade them."

Through our mentoring system, the lecturers are able to monitor your academic and personal progress so you are able to develop further. By the end of your studies, we expect you to be able to perform tasks independently, be resourceful, and have the entrepreneurial acumen with the right moral values. These are what employers will expect of a graduate you.









## Global Mobility Programme



@ Royal Brisbane and Women's Hospital, Australia



@ Kadir Has University, Istanbul, Turkey





@ASEAN Young Women Leadership Programme, Japan



### The Global Mobility Programme (GMP)

provides a platform for students to experience new countries and different cultures. You are able to study for one or more semesters at an international partner university.

Through the Global Internship Programme (GIP), MSU students are able to experience real life working stint in an international setting. Students are able to immerse themselves in other cultures and at the same time gain an insight to their chosen fields.

### MSU Global Leadership **Programme (GLP)** is

focused on preparing students to become the leaders of tomorrow in their chosen profession and to further develop a global mind-set. It is structured to provide opportunities to students to enhance their learning experiences and develop important soft skills such as leadership, teaemwork and communications skills.

## PARTNER INSTITUTIONS

#### **MIDDLE EAST**

- . Emirates College for Management and Information Technology
- . Hadhramout Establishment for Human Development

#### **EURASIAN**

- . Abdullah Gul University
- . Bilkent University
- . Gaziantep University
- . Kadir Has University
- . Yunus Emre Institute

#### **EUROPE**

- . ICHEC Brussels Management School
- . Thomas More University of Applied Sciences
- . University of Southern Denmark
- . Bangor University
- . Coventry University
- . University of Derby
- . University of Northampton
- . Estonian Business School
- . SIGMA Clermont Graduate School of Engineering
- . ISM International School of Management
- . EBS Universitat Fur Wirtschaft Und Recht
- . Heilbronn University
- . Hochshule Hof ( Hof University of Applied Sciences)
- . Athlone Institute of Technology
- . University of Limerick
- . Islamic Community of Kosovo
- . Avans University of Applied Sciences
- . Hanze University of Applied Sciences Groningen
- . Adam Mickiewicz University in Poznan
- . NOVA School of Business and Economics
- . Porto Business School
- . University of Maribor



#### **CENTRAL ASIA**

- . Suleyman Demirel University
  - . Turan University
  - . University of Almaty
- . University of International Business

#### **EAST ASIA**

- . Josai International University
- . Josai University Educational Corporation
- . Josai University
- . Kansai University of International Studies
- . Nagoya City University
- . The University Of Tsukuba
- . Tokyo University of Technology
- . UEDA College of Fashion



- . Anyang Normal University
- . Beijing Open University
- . Guangzhou University of Chinese Medicine
- . Henan Polytechnic University
- . Henan University of Chinese Medicine
- . Luohe Medical College
- . Nanjing University of Chinese Medicine
- . Shanghai University Of Traditional Chinese Medicine
- . Wuxi Institute of Technology
- . The Education University of Hong Kong
- . The Hong Kong Polytechnic University

#### **WESTERN ASIA**

- . Institute of Aeronautical Engineering Hydrebad
- . Institute of Management Education Sahibabad
- . Cyryx College
- . Maldives National University
- . University of Colombo
- . Eastern University Dhaka

#### **ASEAN**

- . Universitas Airlangga (UA)
- . University of The Immaculate Conception
- . University of The Philippines
- . University of Santo Tomas
- . Burapha University
- . Chulalongkorn University

#### **AUSTRALIA**

- . Box Hill Institute
- . The University of Newcastle
- . Western Sydney University



Transforming LIVES, ENRICHING





# SUPPORT to Meet Your Needs



## **Student Career Development**

The Student Career Development department complements the faculties, schools and centres of learning of the university in areas of students' personal and professional developments. Its role is seen as an enhancer of students' character building through the activities that it organizes. Career based activities which are aimed at sharpening students' organizational skills and personal competencies are a common feature throughout any academic year.

Opportunities for entrepreneurial ventures are assimilated in various activities to provide the foundation and experience for students to embark into the world of business. Students are also given guidance in the areas of employment development whereby the department offers individualized assistance for students with all of their career-related needs.

Student Career Department also serves as a hub for campus life as a variety of students based events are jointly organized between the department and the various clubs and association under its care. The department also provides counseling and assistance on general welfare of students, housing and alumni networking.









One of the biggest concerns of any university student is finding the right accommodation. Since it is an integral part of your student life, here at MSU we are dedicated to helping you find the accommodation that fits your needs and provides you with a supportive learning environment right on the University's grounds. Through the Residence, MSU's very own on-campus student housing with 260 apartments and studio-styled accommodation, students have easy access to all the University's amenities. Your future residence comes with the basic necessities.



## Library and Resource Centre

The resource centre services are geared to meet the needs of all students and staff. Extensive collections of learning and reference materials are available, including monographs, books, magazines, journals, theses, students' projects, mainstream English and Malay newspapers and past year exam questions.

In line with the connected world that we live in, MSU library provides on-line access to thousands of journals and electronic books. Users can access, download or print the journal articles or books via the MSU Student Portal. Through our online facility, users will be able to retrieve more than 130,000 e-books and thousands of journal articles in various disciplines or subjects. For those who prefer to peruse through traditional books, the MSU library currently holds more than 30,000 books.

MSU library is fully automated and our computerized Library Management Utility, will provide users with information about what is held in the collections and what has been borrowed, and also allow selfreservations and renewal of borrowings. Users can also do their own searching and status checking via the OPAC (Online Public Access Catalog).



"the MSU library currently holds more than 30,000 books"







## **Financial Asistance and MSU Scholarship**

As part of promoting the culture of giving and being grateful, MSU allocates RM3 million yearly as financial assistance to deserving students. The funds are dispensed through various means including collaborative efforts between MSU and several public and private institutional partners. All scholarship and financial assistances are provided through the MSU Foundation and the following schemes:

#### PRESIDENT SCHOLARSHIP

MSU's very own scholarship is one such scheme that has over the years benefited many students. This is an award given to students who exhibit exemplary academic achievements and come from an economically challenged background.

#### JOINT **SCHOLARSHIPS**

Joint scholarship schemes such as SKOR Berita Harian and The Star Education Fund are some examples of MSU's involvement in ensuring the less fortunate gets to continue their tertiary education at MSU. The scholarship is opened to all Malaysians and the financial assistance awarded ranges from a full to a partial scholarship. Details of the scholarship and application forms are available at the Registrar's office.

#### FELLOWSHIP & **SLAB SCHEMES**

In its effort to train qualified academics to manage the university's human capital needs and to further enhance its research and innovation activities, MSU offers fellowship awards to local and foreign candidates for graduate studies leading to Phd at MSU. The SLAB scheme, a fully funded internal programme aimed at developing academic staff in their pursuit of higher education, is another effort of the university among its staff-development initiatives.









### **MSU Foundation**

'Yayasan MSU' or the MSU Foundation is a foundation for building excellence. The foundation is an embodiment of the aspirations of the Founder and President of MSU, Professor Tan Sri Dato' Wira Dr Mohd Shukri, who is passionate about helping those in need and driven towards excellence as well as scholarly success. The foundation itself is an extension of the university's commitment to education, lifelong learning and community engagement work, a reflection of MSU being a caring and giving institution. It is committed towards providing financial assistance and scholarships for research or academic pursuits to eligible recipients with the hope that the contribution will spark opportunities for social and economic improvements in the beneficiaries and the society at large.

Underlying this benevolent effort is the commitment to instill the values of excellence in the creation of quality human capital. This noble and charitable cause rests on the belief that the spirit of giving will eventually spur compassion, understanding and tolerance, essential ingredients in the creation of an integrated society.

Community engagement is also an area in which the Foundation its aims these are the uplifting of living standards in the urban poor and the provision of financial assistance to orphans. Various community engagement activities are targeted towards these groups annually. The Foundation's involvement also encompasses the poor in Indonesia, Thailand, Cambodia, Vietnam, Sri Lanka and India.









### **International Office**

Welcoming international students from 37 countries is part and parcel of MSU's vision to become a global university of choice. The cultural diversity on campus brings exciting opportunities for all students to develop their globally mindedness, and social responsibility, and bolster their value to future employers.

#### SUPPORTING INTERNATIONAL **STUDENTS**

The International Office is committed to provide necessary assistance to all international students to make them feel at home from their moment of arrival.

If you are an international student, you can expect assistance by way of:

- a dedicated orientation programme upon your arrival,
- on-campus housing,
- professional consultations in matters such as immigration and visas, and
- friendly support from our International Student Society.

"on campus housing and friendly support from our International Student Society"



# Applying to msu

We welcome you to join our vibrant MSU community. Come visit us during our open days and get a feel for the programme of your choice before you apply.

During the visit, there will be numerous activities lined up for you. Take a tour of the campus and faculties to look at the teaching and learning facilities. Meet with our friendly counsellors to get detailed information on the programmes at MSU. Talk to your future lecturers at their faculty demonstrations and to our students for an idea of your future university life here.

## FIND OUT MORE

facebook.com/ MSUmalaysia.CnC



#### FOLLOW US ON

twitter.com/ MSUenquiry





## How to Apply

#### Local Students

Log on to http://www.msu.edu.my
for further information. You can also
drop by our Counselling and
Communication Office for a
one-to-one session with our
counsellors.

## International Students

Log on to http://www.msu.edu.my to discover more about MSU

#### English Language Requirements

At MSU, our medium of instruction is English. Therefore, all MSU students are required to be proficient in spoken and written English to the standard that we require and to the specific entry requirements of the programme you enrolled for.

As a general admission to most of our programmes, you will require a minimum of an

International English Language Testing (IELTS) average score of 5.5 or a Test of English as a Foreign Language (TOEFL) score of 500 or any English course recognized by the University. We offer English courses for those who do not fulfill these conditions.



# **-OUNDATION**

#### **Local Students**

- · Malaysian Studies I
- Thinking Skills / National Language A (applicable to students who did not obtain a credit in SPM Bahasa Melayu)
- Islamic Studies / Moral Education

#### **International Students**

- Malay Language Communication I
- Thinking Skills
- Constitution and the Malaysian Society\*

# **BACHELOR**

## Additional INFORMATION

The following subjects are compulsory under the Ministry of Higher Education (MOHE), Malaysia, General Studies subjects. Applicable for both local and international students at the undergraduate level.

## **JIPLOMA**

#### **Local Students**

- Malaysian Studies II
- Thinking Skills / National Language A (applicable to students who did not obtain a credit in SPM Bahasa Melayu)
- Islamic Studies / Moral Education
- Community service\*

#### International Students

- Malay Language Communication II
- Thinking Skills \*
- Constitution and the Malaysian Society\*
- Community service\*
  - \* Or any other subject that is assigned by the faculty

#### **Local Students**

- Islamic Civilization and Civilization Asia
- Ethnic Relations
- Entrepreneurial Skills \*
- Malaysian Economy\*
- Community service\*

#### **International Students**

- Malay Language Communication II
- Malaysian Studies III
- Entrepreneurial Skills\*
- Malaysian Economy\*
- Community service\*
  - \* Or any other subject that is assigned by the faculty











- www.instagram.com/msumalaysia
- www.pinterest.com/msumalaysia
- www.flickr.com/photos/ managementandscienceuniversity

#### **DISCLAIMER**

The University endeavours to ensure that all the information listed in this prospectus are current and accurate at the time of printing. However, the University reserves the right to make changes where required without notice. You should contact the University to verify the information given.





## **#beMSUrians**

University Drive, Off Persiaran Olahraga, Section 13, 40100, Shah Alam, Selangor, Malaysia

**(603)** 5521 6868



