



**MAHSA**  
UNIVERSITY



*DIPLOMA IN*  
**ENVIRONMENTAL  
HEALTH**

KPT/JPS (R2/851/4/0003) (A6460) 07/25

**FACULTY OF  
HEALTH SCIENCES**



## OVERVIEW

Rapid development and urbanisation have impacted the general environment and continued development, bringing on a surging need to understand how these factors influence our health.

Consequently, this leads to the emergence of the study of environmental health, a field that integrates diverse scientific disciplines to discover and understand environmental problems & issues with the aim of preventing, controlling and overcoming their adverse impacts and to secure a sustainable healthy lifestyle and well being.

## PROGRAMME OBJECTIVES

At MAHSA, the 3-year Diploma in Environmental Health programme is designed to offer students a comprehensive learning and practical experience to identify, assess and recommend prevention and control for activities and actions to curtail environmental factors that may cause deterioration in conducive living.

Through lectures, tutorials and fieldwork, students will acquire knowledge about environmental health issues, such as environmental pollutions, waste management, public health, food safety, occupational health and international health.

In addition, students can pursue further qualifications at degree and master's level.



“

Environmental Health studies is the interrelationship between people and their environment with the objective of a safe and healthy living.

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# PROGRAMME STRUCTURE

## YEAR 1

### SEM 1

- Anatomy and Physiology
- Chemistry for Environmental Health
- Physics
- Introduction to Environmental Health
- Basic Mathematics
- English for Academic Purpose
- Microbiology I

### SEM 2

- Pengajian Malaysia/Bahasa Melayu Komunikasi (U1)
- Disease Control
- Organizational and Human Relation
- Land Use and Housing
- Introduction to Soil & Hydrogeology
- English for Academic Writing
- Microbiology II

### SEM 3

- Solid and Hazardous Waste Management
- Creative and critical thinking/  
Bahasa Kebangsaan A (U2)
- Time management (U3)
- Health Promotion and Education

### SEM 1

- Operational Area Administration (Practical training)
- Surveillance and Control of Diseases (Practical training)
- Health Education and Promotion (Practical training)
- Food Hygiene and Safety (Practical training)
- Water Quality Control (Practical training)

### SEM 2

- Environmental Sanitation & Building (Practical training)
- Environmental Health Enforcement &  
Legal Procedures (Practical training)
- Occupational Health & Safety (Practical training)
- International Health Services (Practical training)

### SEM 3

- Environmental Health Project (Proposal & Report)
- Environmental Health Professional Seminar

## YEAR 2

### SEM 1

- Food Microbiology and Technology
- Environmental Toxicology
- Pest & Vector Management
- Epidemiology and Biostatistics
- Water Supply and Sewerage Management
- Environmental Health Risk Assessment

### SEM 2

- Food Hygiene and Safety
- Occupational Health and Safety
- Legal Procedures
- Professional & Environmental Ethics
- Environmental Health Legislations

### SEM 3

- Research Methodology and Report Writing
- Co-curriculum project (U4)
- First Aid and CPR

## YEAR 3

## CAREER PATH

Employment opportunities are abundant in the public and private sectors. Graduates can seek employment as Health Inspectors or Health Officers in municipal offices and Ministry of Health (MOH). Additionally, they can work in quality certification agencies and consulting firms, which provide expert services in environmental risk assessment, legal consultations, workplace safety planning and solutions to various companies.

## ENTRY REQUIREMENTS

### Academic Qualification

### Requirements

|                                                |                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPM                                            | SPM or equivalent with PASS in Bahasa Melayu and English and 5 credits including Mathematics, 1 science subject (Biology/Physics/Chemistry/General Science/Applied Science) with 3 other subjects (including Bahasa Malaysia and/or English if credits). *Having SPM referring to pass SPM with at least pass in Bahasa Melayu and History |
| GCE O-Level                                    | Pass GCE O-Level/equivalent with PASS in Bahasa Melayu or English and 5 Grade C including Mathematics, 1 science subject (Biology/Physics/Chemistry/General Science/Applied Science) with 3 other subjects (including Bahasa Melayu and/or English if obtained Grade C)                                                                    |
| Certificate                                    | Certificate (Level 3 MQF) in the field of Health Science with minimum CGPA of 2.75                                                                                                                                                                                                                                                         |
| Other                                          | Other recognised qualification of equivalence                                                                                                                                                                                                                                                                                              |
| English proficiency<br>(International Student) | IELTS (4.0)   TOEFL IBT (30-31)   TOEFL PBT (397)   CAM ENG ADV – CAE (160)   CAM ENG PROF – CPE (180)   Pearson Test English – PTE (30)   MUET (Band 2)                                                                                                                                                                                   |



# MAHSA's PASSPORT

TO SUCCESS



Professional Industry-Driven Education (P.R.I.D.E) is MAHSA University's specially designed education pathway that give students the best of both academic and professional certifications. Students have the opportunity to gain professional skills through various programmes from MAHSA's collaborations with internationally recognised professional bodies. P.R.I.D.E increases the employability rate of our fresh graduates and puts them on par with the rest of the professional world.

## MASTERCLASS

Students of this programme are eligible to gain add-on certification in Master Classes. There are more than fifty Master Classes to choose from, and all are designed to further enhance the student's employability, in line with the Industrial Revolution 4.0.

## MOBILITY PROGRAMME

This is a unique opportunity for students to study abroad for up to one year in a foreign country. This study abroad programme lets students experience different cultures and

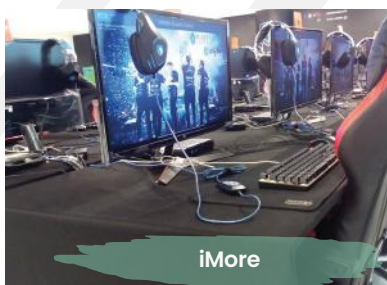
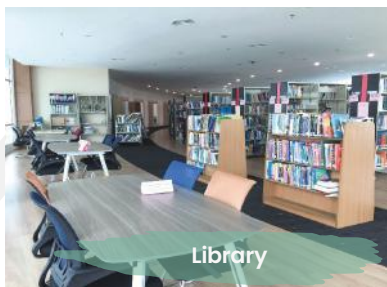
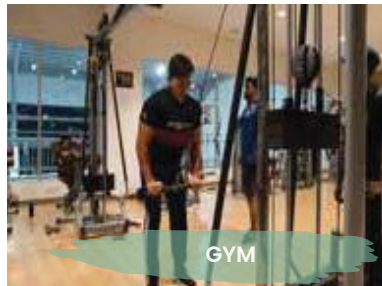
## PROFESSIONAL COURSES

Through MAHSA's collaboration with internationally recognised professional bodies, students will be earn certifications that will enhance their professional skills and increases their employability rate.



practices from around the world. Ask us about our university partners in over fifty different countries.

# MAHSA BE MORE



## MAHSA UNIVERSITY

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