



Bandar Saujana Putra

MAHSA's 50 acre Saujana Putra Campus has proudly seen the first phase of its introduction to the Malaysian education landscape.

The Saujana Putra Campus has a total of 1 million square-feet of buildup area with on-campus residences for all students along with a host of praise-worthy academic facilities.

These superior teaching facilities coupled with its "Green Building" design provides an optimal learning environment to produce vibrant student leaders, and an ideal, modern yet comfortable, home away from home for students, both local and international.



MAHSA UNIVERSITY
Bandar Saujana Putra Campus

Jalan SP2, Bandar Saujana Putra, 42610 Jenjarom, Kuala Langat, Selangor, Malaysia. Tel: +603-5102 2200

☎ 1800 88 0300 📧 marketing@mahsa.edu.my 🌐 www.mahsa.edu.my



What is Environmental Health and Safety?

Environmental Health and Safety is a broad based study of all aspects of human health including quality of life determined by factors in the environmental which include biological, chemical, physical, social and psychosocial factors.

The Bachelor of Environmental Health and Safety (Hons) programme is designed to provide graduates with the necessary management skills and leadership in the management of Environmental Health and Safety.



CAREER PROSPECTS

Graduates enjoy rewarding career prospects such as:

- Environmental Health Officer (EHO) in Ministry of Health / Ministry of Housing and Local Government / Local Authorities
- EHO in Port Authorities
- EHO in Solid Waste Management / Waste Water Management Company
- EHO in industrial Sectors
- Hygiene Manager in Food Manufacturing Industry / Hospitality Industry
- Consultant in the field of Environmental Health and Safety
- Lecturer in Higher Education Institutions

Career advancement is available from Post Graduate to Doctorate level.

“This programme enables me to seek employment in public sector as environmental health officer in municipal office, Department of Environment, Ministry of Health, or as occupational health executive in private company and research institution.”

PROGRAMME STRUCTURE

Year 1

- Anatomy & Physiology
- Chemistry for Environmental Health
- Introduction to Public and Environmental Health
- Introduction to Soil and Hydrogeology
- Biochemistry for Environmental Health
- Microbiology for Environmental Health
- Communicable and Non Communicable Diseases Control
- Epidemiology and Biostatistics
- Pest and Vector Management
- English for Health Science
- Malaysia Studies
- Islamic Studies/Moral Education

Year 2

- Research Methodology
- Built Environment, Housing and Technology
- Environmental Health Risk Assessment
- Environmental and Occupational Toxicology
- Applied Ecology
- Health Promotion and Education
- Practical Training

Year 3

- Integrated Solid Waste Management
- Management and Safety of Toxic Substances
- Pollution and Environmental Monitoring and Management
- Occupational Health and Safety
- Environmental Health Legislations
- Food Safety and Management
- Water supply and Quality Management
- Environmental and Occupational Emergency Response Management
- Healthcare Management
- Health Psychology
- English for Research Writing

Year 4

- Waste Water Management
- Ethics and Laws for Health Science Professional
- First Aid and Basic Life Support
- Entrepreneurship
- Research Project
- Industrial Training

Curriculum approved by the Ministry of Higher Education on recommendation of the Malaysia Qualifications Agency.



ENTRY REQUIREMENTS

- Pass STPM / Matriculation / Pre-University or equivalent qualification with minimum GPA 2.33 in 2 of the following subjects: Biology / Physics or Mathematics / Chemistry
OR;
- A-Levels or equivalent qualification with minimum Grade D in 2 of the following subjects: Biology / Physics or Mathematics / Chemistry
OR;
- Recognized Diploma with minimum CGPA of 2.75 in related field
OR;
- Recognized Diploma with CGPA less than 2.75 in related field and a minimum of 3 years (36 months) working experience in the related field
AND;
- **English Proficiency:**
Malaysian candidates: MUET Band 3 or IELTS (5.5) / TOEFL (550)
International candidates: IELTS (5.5) / TOEFL (550) paper based or equivalent (if qualification obtained is from an institution where English is not the medium of instruction)

AWARD

Upon successful completion of this course, graduates are conferred the Bachelor of Environmental Health and Safety (Hons) by MAHSA.

BENEFITS

- Study loan from PTPTN (National Higher Education Fund Board)
- Integrated and flexible curriculum
- Use of modern technology in course delivery
- Well equipped facilities and resources to support learning
- Highly qualified and experienced lecturers
- Highly competent field instructors