



**BACHELOR OF TECHNOLOGY (HONOURS)
(ENVIRONMENT)
SCHOOL OF INDUSTRIAL TECHNOLOGY
(US6524005)**



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**CAREER PROSPECTS
FOR ENVIRONMENTAL
TECHNOLOGY
GRADUATES**



**ENVIRONMENTAL
OFFICERS**

ENVIRONMENTALISTS

ENGINEERS

**ENVIRONMENTAL
ASSESSORS**

**ENVIRONMENTAL
AUDITORS**

**ENVIRONMENTAL
HEALTH AND SAFETY
OFFICERS**

**ENVIRONMENTAL
ANALYST**



Technological Innovation For A Sustainable Future

PROGRAMME SYNOPSIS

Environmental Technology is a three and a half year programme about technology used in the industry to tackle environmental challenges and mitigate pollution. The environmental field encompasses the public and private sectors from the local to global scales. The programme consists of three overlapping fields: **Technology, Science and Management.**

TECHNOLOGY

- Chemical Calculations
- Heat Transfer
- Computer Applications
- Fluid Mechanics
- Geographic Info System
- Unit Operations
- Waste Treatment
- Water Treatment
- Air Pollution Control
- Mass Transfer
- Noise & Vibration Control
- Environmental Forensics
- Indoor Environment
- Hydrology
- Chemodynamics
- Research Project

MANAGEMENT

- Audit
- Society & Environment Project
- Environmental Management
- Safety & Health
- Waste Management

SCIENCE

- Environmental Science
- Chemistry
- Bioindicator
- Mathematics
- Ecology

3 1/2 YEAR PROGRAMME



YEAR 1

SEMESTERS 1&2

Introduction to environmental science and chemical process as the basis to Environmental Technology



YEAR 2

SEMESTERS 3&4

Courses in Environmental Technology with exposure to process engineering unit operations



YEAR 3

SEMESTER 5

Internship for a minimum period of 12 weeks

SEMESTER 6

Advanced courses in technology and applications for Environmental Technology

Introduction to scientific research through a research project



YEAR 4

SEMESTER 7

Advanced courses in technology and applications for Environmental Technology

GRADUATION

Malaysian Board of Technologist (MBOT)
- Graduate Technologist
- Professional Technologist (Ts.)

Engineers

Environmental Health and Safety Officers



THIS PROGRAMME IS SUITABLE FOR YOU IF:

- You aspire to create a more sustainable world.
- You are passionate for the environment
- You want to make a difference for the environment



FUTURE CAREER

Depending on the job title, environmental technologists are engaged in various aspects of the chosen environmental concern. For example, as an Environmental Auditor, their job is to audit facilities related to environmental regulations. This may include taking samples and sending them for analysis. The environmental auditor may also be engaged in auditing environmental management systems. In many industrial sectors, the environmental manager ensures that compliance with regulations is met. Hence, the environmental manager usually initiates projects to ensure that the facility complies. For instance, the environmental manager may design, implement and monitor conservation programs for the organization.



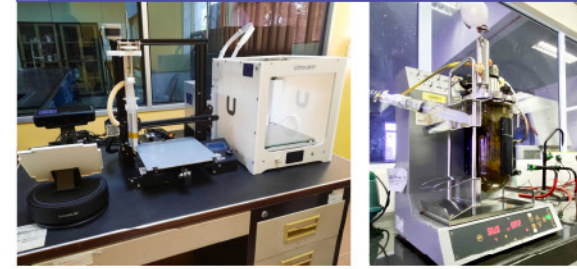
GRADUATE EMPLOYABILITY

More than

90%*

*Based on data from Graduate Tracer Study, MOHE (as of May 2022)

FACILITIES



TECHNOLOGIST CAMPUS LIFE

