

Facilities

- Library
- Computer Labs
- State-of-the-Art Science Labs
- Multidisciplinary Medical Labs
- Anatomy Lab
- Anatomy & Pathology Resource Centre
- Pharmacy Labs
- Biotechnology Lab
- Clinical Skills Lab
- Cafeteria
- Student Lounge
- Bookstore
- Music Room
- Fine Dining Restaurant
- Data Ecosystem Laboratory of Technology and Applications
- QIU Sustainable Agri-research
- Commercial Kitchen
- Buzz Hub Studio

Student Services

Student and Career Counselling

At QIU, our counsellors are available to help students with academic and/or personal concerns. Students at QIU will be given personalised attention to assist them in meeting their academic needs.

Assistance with Accommodation

QIU will help students with their accommodation arrangements, ensuring that they can enjoy a fun, enjoyable university experience.

Mentorship Programmes

At QIU, students are not just taught academic programmes but are mentored to excel in their future careers and become responsible citizens who will contribute to the betterment of society.

Hostel

Accommodation

QIU's hostels provide accommodation for students who yearn for the experience of independent life in a secure environment. Nestled in the greenery of the Kinta Valley, our condominium units give students the option of staying in a single or twin-sharing room, with 4 or 6 occupants to a unit.

Transportation is provided to shuttle students between the residences and the city campus. Security checkpoints are installed outside each unit, as part of the 24-hour security surveillance system operated by QIU-appointed personnel.

- 24 Hours Security
- Free Internet & WIFI
- Outdoor Playground & Swimming Pool



+605 2490500

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QUEST
INTERNATIONAL
UNIVERSITY

PERAK



Diploma in Environmental Technology

JPT/BPP(MQA/FA6534)10/20

QIU's Diploma in Environmental Technology programme provides you with the theoretical and practical knowledge needed for success in the growing field of environmental technology. Graduates will acquire skills and techniques in environmental sampling, monitoring, data analysis and information technology tools. They will become familiar with applying the principles of ecosystem-based management for sustainability and have the ability to manage environmental projects from planning to implementation and maintenance.

QIU's programme provides an opportunity for students to apply their skills through partnerships in the community and stresses the need for designing and implementing systems to prevent, control and clean-up environmental contaminations.

Laboratory practice in water quality testing, groundwater movement, computer-aided environmental audits and the chemistry of pollutants provides you with the skills needed to analyse and remediate the urban environment. This is to eradicate recent global phenomena such as haze, poor drinking water quality, leachate contamination, improper solid waste and wastewater disposal, and many others which have attracted public concern.

Career Prospects

Upon the completion of QIU's Diploma in Environmental Technology programme, students will have a wide choice of career paths available, including:

- Environmental Associate
- Environmental Management Consultant
- Environmental Conservationist
- Sustainability Quality Manager
- Scientific Research Officer

Intakes:
April, July,
September /
October

Duration:
2.5 years

Mode of
Study:
Full-time

Mode of
Delivery:

Lectures, tutorials, practical sessions,
problem-oriented project-based
learning sessions and industrial training

Assessment:

Quizzes, assignments, laboratory
and practical assessments, oral
presentations, mid-semester
assessments and final examinations

Diploma in
Environmental
Technology

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Minimum



Entry Requirements

Sijil Pelajaran Malaysia (SPM)

Science Stream:

Pass Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum credit in 3 subjects and a pass in 2 science subjects (Biology / Physics / Chemistry / General Science / Applied Science/Health Sciences)

Non-Science Stream:

Pass Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum credit in 3 subjects and a credit in 1 science subject (Biology / Physics / Chemistry / General Science / Applied Science/Health Sciences)

Sijil Tinggi Persekolahan Malaysia (STPM)

Pass with a minimum of Grade C (GPA 2.0) in any subject or its equivalent

Sijil Tinggi Agama Malaysia (STAM)

Pass with a minimum grade of *Maqbul*

Unified Examination Certificate (UEC)

Science Stream:

Pass UEC with a minimum Grade B in 3 any subjects including 2 Science subjects (Biology / Physics / Chemistry / General Science / Applied Science/ Health Science)

Non-Science Stream:

Pass UEC with a minimum Grade B in 3 subjects and a credit in 1 science subject (Biology / Physics / Chemistry / General Science / Applied Science / Health Science)

Other Qualifications

Other equivalent qualifications recognised by the Government of Malaysia

English Proficiency for Foreign Students

IELTS – 4.0 / TOEFL PBT (397)
PBT or equivalence / IBT (30)



Programme

Content

The following courses are offered in the **Diploma in Environmental Technology JPT/BPP(MQA/FA6534)10/20** programme:

General Studies Subjects

Local

- Malaysian Studies 2
- Interpersonal Communication Skills / Bahasa Kebangsaan A
- Study of Moral and Ethics
- Community Service

International

- Bahasa Melayu Komunikasi 1
- Interpersonal Communication Skills
- Study of Moral and Ethics
- Community Service

University Courses

- Practical English I
- Practical English II
- Co-curricular Activities

Compulsory Courses

Year 1

Semester 1

- Basic Chemistry
- Fundamentals of Physics
- Introduction to Environmental Science and Technology
- Introduction to Statistics
- Malaysian Studies 2 / Bahasa Melayu Komunikasi 1
- Practical English 1

Semester 2

- Introduction to Environmental Physics
- Fundamentals of Industrial Hygiene
- Introduction to Environmental Microbiology
- Environmental Chemistry
- Environmental Pollution and Solution
- Practical English 2

Semester 3

- Wastewater Disposal System
- Building Construction Technology
- Interpersonal Communication Skills / Bahasa Kebangsaan A

Year 2

Semester 4

- Water Quality Technology and Monitoring
- Fundamentals of Information Technology
- Introduction to Occupational Safety, Health and Environment
- Introduction to Geospatial Technology
- Introduction to Soil Science and Land Resources Management
- Study of Morals and Ethics

Semester 5

- Fundamentals of Environmental Toxicology
- Solid Waste and Hazardous Waste Management
- Air Pollution and Control
- Noise Pollution and Control
- Environmental Management System
- Energy Resources Management

Semester 6

- Environmental Ethics, Policies and Planning
- Disaster and Risk Management
- Community Service

Year 3

- Industrial Training

Why

Choose QIU?

1

The DET programme is fully accredited by the Malaysian Qualifications Agency (MQA).

2

Our DET programme fosters the sense of appreciation and respect for the environment by providing solutions to address complex environmental issues.

3

The programme incorporates both interactive indoor classroom learning and outdoor experiential real practices related to environmental technology.

4

Effective hands-on learning experience in dealing with sophisticated environmental technology-related instruments.

5

All DET core courses are taught by vibrant lecturers with reputable academic qualifications in various environmental technology-related fields.

6

The programme offers a wide range of career opportunities that meet the current global market demand in environmental technology-related fields.

7

The Diploma in Environmental Technology (DET)'s learning contents are aligned with the current needs to address the United Nations Agenda 2030 Sustainable Development Goals (SDGs), as well as Malaysia's aspiration towards achieving environmental sustainability.