

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

Quest International University Perak (DU021 (A))
No. 227, Plaza Teh Teng Seng (Level 2), Jalan Raja Permaisuri Bainun,
30250 Ipoh, Perak Darul Ridzuan, Malaysia.
Tel: +605 249 0500 Fax: +605 249 0503 Email: enquiries@qiup.edu.my

www.qiup.edu.my

Quest International University Perak

@qiup_edu



Bachelor of Environmental Technology (Hons)

JPT/BPP(MQA/PA6535)04/21

QIU's Bachelor of Environmental Technology (Hons) degree programme aims to fulfil the country's need to manage, conserve and protect our environment for sustainable use. The concept of 'green technology' under the National Green Technology Policy has been formed and adopted by the government to focus on four pillars that drive national growth - energy, environment, economy and social.

The awareness of environmental quality is increasing in Malaysia. Recent phenomena such as haze, poor drinking water quality, leachate contamination, improper solid waste and wastewater disposal are some of the issues that have attracted public concern.

As our society becomes more environmentally-conscious, there is a need for individuals trained in Environmental Technology. Under the Environmental Quality Act 1974, prescribed activities require Environmental Impact Assessment (EIA) reports to be presented and approved by the authorities. These need to be monitored by experts who ensure that they are implemented according to the stipulated regulations. The need for individuals trained in EIA is in line with the government's desire to improve environmental quality and minimise the impact on society.

Career Prospects

Upon the completion of QIU's Bachelor of Environmental Technology (Hons) programme, students will have a wide choice of career paths, including:

- Environmental Officer (Government)
- Research Officer (Government)
- Fisheries Officer (Government)
- Science Officer (Government)
- Environmental Consultant (Private)
- Environmental Auditor (Private)
- Environmental, Health and Safety officer (Private)
- Protected Area Specialist (Private)
- Field Coordinator (Private)
- EIA (Environmental Impact Assessment) Manager (Private)
- Environmental Manager (Private)
- Sustainability Quality Manager (Private)
- Environmental Officer (Private)

Intakes:
April, July,
September /
October

Duration:
3 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, final examinations and research thesis

Bachelor of Environmental Technology (Hons)

JPT/BPP(MQA/PA6535)04/21

Minimum

Entry Requirements



Sijil Tinggi Persekolahan Malaysia (STPM)

Pass Sijil Tinggi Persekolahan Malaysia (STPM) with grade C (CGPA 2.00) in two (2) subjects and pass in SPM or equivalent in credit in Mathematics and Science.

General Certificate of Education Advanced ("A") Level

Pass A-Level with passes in 2 subjects including Science

Foundation in Science / Matriculation / Asasi

Pass Foundation in Science / Matriculation / Asasi with a minimum CGPA of 2.0

Unified Examination Certificate (UEC)

Pass the Unified Examination Certificate (UEC) with a minimum of Grade B in 5 subjects including Mathematics and Science

Diploma (Level 4, MQF)

Pass Diploma (Level 4, MQF) in a related field of study with a minimum CGPA of 2.0

or
Pass Diploma (Level 4, MQF) in any other field with a minimum CGPA of 2.5 and with a credit in Mathematics and Science at the Sijil Pelajaran Malaysia (SPM) (or equivalent) level

Other Qualifications

Other qualifications will be assessed based on the Senate's recommendation and referred to MQA for approval on a case by case basis.



Programme

Content

The following courses are offered in the **Bachelor of Environmental Technology (Hons) JPT/BPP(MQA/PA6535)04/21** programme:

General Studies Subjects

Local

- Hubungan Etnik
- TITAS
- Communication Skills / Bahasa Kebangsaan A
- Media and Community
- Community Service

International

- Bahasa Melayu Komunikasi 2
- Malaysian Studies 3
- Communication Skills
- Media and Community
- Community Service

University Courses

- English for Academic Purposes
- Devices, Networks & Applications
- Disciplined Entrepreneurship

- Design Thinking
- Co-curriculum Activities

Compulsory Courses

Year 1

Semester 1

- General Chemistry
- Principles of Environmental Physics
- Introduction to Management
- Introduction to Environmental Science
- Introduction to Environmental Technology
- English for Academic Purposes
- Device, Network and Application

Semester 2

- Mathematics
- Introductory Biology
- Environmental Ethics
- Environmental Chemistry
- Environmental Management System
- Physico-chemical and Biological Treatment Processes
- Media and Community

Semester 3

- Environmental Toxicology
- Soil Science and Land Resources Management
- Hubungan Etnik / Bahasa Melayu Komunikasi 2

Year 2

Semester 4

- Environmental Microbiology
- Air Pollution and Control Technologies
- Water Pollution and Treatment Technologies
- Environmental Impact Assessment - Theory and Practice
- Sustainable Development and Beyond
- Malaysia Environmental Law and Regulation
- Tamadun Islam dan Tamadun Asia (TITAS) / Malaysian Studies 3

Semester 5

- Advanced Water and Wastewater Treatment
- Noise and Vibration Control Technology
- Environmental Monitoring and Analysis
- Research Methodology and Data Analysis
- Communication Skills / Bahasa Kebangsaan A

Semester 6

- Biostatistics
- Solid and Hazardous Waste Treatment Technology
- Design Thinking

Year 3

Semester 7

- Environmental Research Project I
- Disciplined Entrepreneurship

Semester 8

- Environmental Research Project II
- Community Service

Semester 9

- Industrial Training

Elective Courses (Choose 4 out of 6)

- Geographic Information Systems
- Environmental Remote Sensing
- Renewable Energy Technology

- Occupational Safety, Health and Environment
- Environmental Ecology and Natural Resources
- Climate Change: Impacts, Adaptation and Mitigation

Why

Choose QIU?

1

The Bachelor of Environmental Technology (Hons) degree programme (BET)'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.

2

Our BET 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 BET 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.