

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

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

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.



Bachelor of Biomedical Sciences (Hons)

JPT/BPP(MQA/FA5197)08/20

QIU's Bachelor of Biomedical Sciences (Honours) is a comprehensive programme that aims to train students in various disciplines of medical sciences, allowing them to take up responsibilities in diverse fields. The course provides the students with a systematic understanding of the fundamentals of human biology and medical sciences, including a coherent and detailed knowledge of structure and functioning of the human body, biochemistry, pharmacology and the pathophysiology of infectious and non-infectious diseases in order to maintain and promote health.

An in-depth understanding of laboratory working protocol, safety issues, principles of experimental design, theory and practical application of modern research techniques is provided to prepare them for new and innovative ways to diagnose medical illnesses. The students are also equipped with knowledge of bioinformatics, health informatics, bioethics and entrepreneurial skills in order to prepare them for the future challenges they are likely to face.

Through group work of information gathering, literature reviewing, report writing, poster and oral presentations, the students will acquire a strong command of scientific writing, presentation and communication skills. The curriculum helps the students to attain a level of conceptual understanding in carrying out research projects and other laboratory work which enables them to formulate and develop hypotheses and solve problems using relevant techniques. This will help them to take up responsibilities that involve research and development.


The graduates will be equipped to pursue careers in diverse fields related to health, scientific research and industries in competitive national and international environments.

Career Prospects

- Clinical Biochemist
- Molecular Geneticist
- Forensic Scientist
- Microbiologist
- Hematologist
- Academic and research positions in universities / research institutes / hospitals
- Administrative and consultant positions in pharmaceutical and medical instrument and other health-related industries

 **Intakes:**
April, July,
September/October

 **Duration:**
4 years Full-time 6 years Part-time

 **Mode of Study:**
Full-time and Part-time

 **Mode of Delivery:**
Lectures, Tutorials, Oral Presentation, Seminars, Case-studies, Problem-based Learning Sessions, Research Project, Lab Practicals

 **Assessment:**
Student's ability is gauged through continuous assessments, end semester examinations and research project report.

Bachelor of Biomedical Sciences (Hons)

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Tel: +605 249 0500 Fax: +605 249 0503 Email: enquiries@qiup.edu.my

www.qiup.edu.my  QuestInternational UniversityPerak   @qiup_edu

Minimum



Entry Requirements

English Proficiency for Foreign Student
IELTS 5.5 | TOEFL 550

Matriculation / Pre-University / Sijil Tinggi Persekolahan Malaysia (STPM) programme or equivalent

Pass with minimum GPA 2.33 in two (2) of the following subjects:

- Biology
- Chemistry
- Physics / Mathematics

General Certificate of Education Advanced ("A") Level or equivalent qualification

A minimum Grade D in two (2) of the following subjects:

- Biology
- Chemistry
- Physics / Mathematics

Unified Examination Certificate (UEC)

Pass with a minimum of Grade B in five (5) subjects including Biology, Chemistry, Physics / Mathematics

Recognised Diploma in a related field

Minimum CGPA 2.75

OR

CGPA less than 2.75 with minimum of 3 years (36 months) working experience in the related field.

Other Qualifications

Other equivalent qualifications recognised by the Malaysian Government



Programme

Content

The following courses are offered in the **Bachelor of Biomedical Sciences (Hons) (JPT/BPP(MQA/FA5197)08/20)** 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
- Communication Skills
- Media and Community
- Community Service

University Courses

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

- Design Thinking
- Co-curriculum Activities

Core Courses

Year 1

- Introduction to Biology
- Basic Biochemistry
- Human Anatomy
- Human Physiology

- Human Genetics
- Epidemiology
- Basic Biostatistics
- Basic Microbiology and Parasitology

Year 2

- Cellular Metabolism
- Bioinformatics
- Immunology
- Molecular Biology
- General Pharmacology
- General Pathology
- Histopathology & Cytopathology

- Laboratory Techniques and Instrumentation
- Basic Haematology & Transfusion Medicine
- Research Methodology and Scientific Writing
- Personal Professional Development
- Introduction to Forensic Science - *Elective module*
- Food Science - *Elective module*

Year 3

- Toxicology
- Systemic Pharmacology
- Systemic Pathology
- Clinical Biochemistry
- Introduction to Health informatics
- Advanced Immunology and Immunogenetics
- Biomedical Ethics, Safety & Regulation

- Medicinal Chemistry - *Elective module*
- Medical Entomology - *Elective module*
- Animal Cell Culture & Development - *Elective module*
- Fermentation technology - *Elective module*
- Health Care Management - *Elective module*
- Management
- Research project Phase I: Research Proposal

Year 4

- Research project Phase II
- Industrial Training (Hospital Training and Internship)

Why

Choose QIU?

1

State-of-the-art Multidisciplinary Laboratories

2

Research-oriented staff members

3

Conceptualised understanding to carry out research projects

4

Flipped classroom teaching methods

5

Two phases of industrial training - a three-month-long hospital placement and a three-month-long internship - gives students broad exposure to various biomedical fields

6

Diverse career opportunities