



#### DURATION OF STUDY

4 years

#### MODE OF STUDY

Full Time

#### CAREER PROSPECT

- Biomedical / Healthcare Scientist
- Academician
- Research scientist (medical)
- Health Policy Professional
- Marketing of medical equipment
- Medical science liaison
- Application specialist
- Medical underwriter & claim officer
- Quality Control Officer
- Bio-entrepreneur

#### ENTRY REQUIREMENTS

- i). Obtained MUET Band 3 or IELTS 5.5/Equivalent; **AND**  
a). PASS Matriculation/Pre-University/STPM programme or equivalent qualification with minimum GPA 2.33 in TWO of the following subjects:
- Biology
  - Physics/Mathematics
  - Chemistry ; **OR**
- b). A-Level programme or equivalent qualification with minimum Grade D in TWO of the following subjects:
- Biology
  - Physics/Mathematics
  - Chemistry; **OR**
- c). Recognised Diploma with minimum CGPA of 2.75 in related field;  
**OR**  
d). Recognised Diploma with CGPA less than 2.75 in related field and a minimum of 3 years (36 months) working experience in the related field

#### English proficiency for foreign student

Candidate should obtain IELTS (5.5)/TOEFL (550) or equivalent.

## BACHELOR OF BIOMEDICAL SCIENCE (HONS)

(R2/720/6/0122) | (A10078)

In the current world new strains of diseases emerge, causing a negative impact on the wellbeing of our communities, biomedical science will provide us an important way to prevent and treat the wide range of diseases that affect our communities. This programme aims to produce graduates who have a good foundation and experience in the field of Biomedical Science allowing them to do scientific work and research in the field of human health and disease. In addition to proficiency in medical laboratory procedures and operation techniques, a Biomedical Science graduate can also manage diagnostic, business and industrial laboratories.

#### PROGRAMME STRUCTURE

##### YEAR 1

- Organic Chemistry
- Anatomy and Physiology I
- Falsafah dan Isu Semasa (FIS)
- Biochemistry
- Laboratory Techniques
- Laboratory Instrumentation
- Penghayatan Etika dan Peradaban (PEP)
- Basic Microbiology
- English for Academic Enrichment
- Leadership and Professional Development
- Anatomy and Physiology II
- Medical Biochemistry

##### YEAR 2

- Clinical Microbiology
- Immunology and Serology
- Cell Biology
- Blood Banking and Transfusion Science
- Malaysian Government and Public policy
- Epidemiology
- Molecular Biology
- Basic Pathology
- Basic Hematology
- Biostatistics
- AMUnited 2

##### YEAR 3

- Medical Entomology
- Medical Parasitology
- Clinical Pathology
- Laboratory Management
- Research Methodology
- Histocytopathology
- Biomedical Diagnostic I
- Pharmacology
- Research Project I
- Strategic Planning and Marketing in Healthcare Services
- Occupational Health and Safety
- Pathophysiology

##### YEAR 4

- Biomedical Diagnostic II
- Research Project II
- Toxicology/Neuropharmacology
- Interprofessional Learning /Critical Thinking
- Introduction to Mandarin /Health insurance
- Industrial Training I
- Industrial Training II