

Bachelor of Biomedical Sciences (Hons)

(R2/720/6/0101) (A11514) 05/2029

This programme is a partial medical or health science programme. The basic principles of this course cover all aspects of the clinical laboratory diagnosis, prevention and research in areas related to biomedicine, including pathology, microbiology, medical parasitology, anatomy and physiology, genetics, pharmacology, immunology, etc.

BENEFITS

- ▶ You will be equipped with the skills you need to plan, conduct, and evaluate experiments.
- ▶ You will get the working practice of laboratory techniques, and it is useful to show your specific medical or scientific interests.

CAREER PROSPECTS

- Healthcare Scientist,
- Clinical Biochemist,
- Microbiologist, Lecturer,
- Research Scientist,
- Medical Sales Specialist

ENTRY REQUIREMENTS

MUET Band 3
 Matriculation/Pre-University/STPM: Minimum GPA 2.33,2 subjects:
 • Biology
 • Physics/Mathematics
 • Chemistry
 A-Level: Grade D,2 subjects:
 • Biology
 • Physics/Mathematics
 • Chemistry
 Diploma: CGPA of 2.75 & CGPA less than 2.75 minimum of 3 years (36 months) working experience

For International Students
 IELTS: Minimum 5.5

Duration of study
 4 years

Credit Hours
 139

SUBJECTS OFFERED

YEAR 1

- Biochemistry
- Basic and Autonomic Pharmacology
- Medical Parasitology
- Techniques in Histology
- Basic Nutrition
- Introduction to Occupational Safety & Health Immunology
- Anatomy
- Physiology
- Cell Biology and Genetics
- General Microbiology
- Biostatistics
- Lab Instrumentation
- Health Information
- Health Psychology

YEAR 2

- Co Curriculum
- English For Academic Purposes

- Clinical Microbiology
- Techniques in Histopathology
- Transfusion Science
- Applied Biostatistics
- Academic Skills
- English for Employment
- Advanced Biochemistry
- Basic Pathology
- Systemic and Central Nervous System Pharmacology
- Molecular Biology
- Entrepreneurship/ Bahasa Kebangsaan A
- Medical Entomology
- Hematology

YEAR 3

- Hubungan Etnik / Pengajian Malaysia 3
- Clinical Biochemistry
- Pathophysiology

- Epidemiology
- Tamadun Islam & Tamadun Asia (TITAS) / Bahasa Melayu Komunikasi 2*
- Special topics in Biomedicals 1
- Case Study 1
- Research Methodology (Science)
- Systemic Pathology
- Toxicology
- Research of Biomedical Science (Part 1)

YEAR 4

- Research of Biomedical Science (Part 2)
- Special Topics of Biomedical Sciences 2
- Case Study 2
- Industrial Training (6 months)