



# WEEKEND & EVENING CLASSES

## BACHELOR OF BIOMEDICAL SCIENCE (HONS.)

### ENQUIRIES

UNIVERSITI KUALA LUMPUR  
INSTITUTE OF MEDICAL SCIENCE TECHNOLOGY  
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**MOHE/ MQA  
Approved &  
Accredited**



JPT/BPP(R/722/6/0002)06/18, MQA A 8827  
**BACHELOR OF BIOMEDICAL SCIENCE (HONS)**  
Weekend classes and Online Forum during Weekdays

## OVERVIEW

Bachelor in Biomedical Science (Hons) is designed following the growing needs of well trained workers in the healthcare industry. This course of study was structured to instill a good theoretical knowledge from the fundamentals of biological science up to the critical thinking aspects and blend together with the latest laboratory applications aswell as the techniques. This Biomedical Science course will cater the needs of community in general, with highly specialized trained human resources equipped with knowledge on theory and practical aspects parallel with the development of our country and the increasing numbers of Malaysian citizens. This programme has been accredited by Institute of Biomedical Science (IBMS) since 2012.

## ENTRY REQUIREMENT

- 1) Pass Matriculation / Pre-University / STPM programme or equivalent qualification with minimum GPA 2.33 in TWO of the following subject:
    - Biology
    - Physics / Mathematics
    - ChemistryOR
  - 2) A-Level programme or equivalent qualification with minimum Grade D in TWO of the following subjects:
    - Biology
    - Physics / Mathematics
    - ChemistryOR
  - 3) Recognized Diploma with minimum CGPA of 2.75 in related field;  
OR
  - 4) Recognized Diploma with CGPA less than 2.75 in related field and minimum of 3 years (36 month) working experience in the related field.
- ENGLISH REQUIREMENT**  
Local Student  
Obtained MUET Band 3 or IELTS (5.5) / TOEFL (550)  
International Student  
Candidate should obtained IELTS (5.5) / TOEFL (550) paper-based or equivalent.

## FUNDING OPTIONS

**HRDF  
Claimable**

*\*subject to company levy contribution*

**EPF  
WITHDRAWAL**

**PTPTN**

*\*subject to PTPTN approval*

**CREDIT CARD**

## MODULES OFFERED

### SEMESTER 1

Fundamental English  
Professional English 1  
Bahasa Melayu Komunikasi 2  
Tamadun Islam & Tamadun Asia (TITAS)  
Technopreneurship  
Cell Biology

### SEMESTER 2

Human Genetics  
Human Anatomy  
Basic Microbiology  
Human Biochemistry  
Introductory Clinical Laboratory Science  
Professional English 2  
Hubungan Etnik  
Pengajian Malaysia 3 (International Students)

### SEMESTER 3

Human Physiology  
Human Pharmacology  
Basic Hematology  
Principles of Immunology  
Principles of Psychology  
Health Informatics  
Innovation Management

### SEMESTER 4

Bioethics  
Clinical Laboratory Immunology and Serology  
Toxicology  
Pathogenic Microbiology  
Basic and Systemic Pathology  
Mandarin 1  
Isu-Isu Kontemporari Muslim di Malaysia  
Culture and Lifestyle in Malaysia (non-muslim students)

*\*credit transfer or exemption based on prior learning*

### SEMESTER 5

Biostatics  
Medical Parasitology and Entomology  
Scientific Communication  
Clinical Laboratory Cytopathology  
Clinical Biochemistry  
Molecular Diagnostics Technology  
Mandarin 2  
Co-Curriculum

### SEMESTER 6

Clinical Laboratory Histology  
Advanced Hematology  
Clinical Laboratory Microbiology  
Elective 1\*\*  
Community Health and Epidemiology  
Final Year Project 1

### SEMESTER 7

Transfusion Science and Blood Banking  
Philosophy of Education  
Elective 2\*\*  
Final Year Project 2

### SEMESTER 8

Industrial Training

Additional Module (Credit not included in Total Credit to Graduate)  
Bahasa Kebangsaan A

### Electives\*\*

#### Elective 1

Urinalysis and Body Fluids  
Cell Culture Techniques  
Principle of Lab Animal Sci.

#### Elective 2

Developmental Biology  
Basic Occupational Safety & Health  
Radiation Biology and Protection  
Principles of Human Nutrition

