



UniKL
UNIVERSITI
KUALA LUMPUR

FLEXILEARN

WEEKEND & EVENING CLASSES



**MOHE / MQA
Approved &
Accredited**

**INTERNATIONALLY ACCREDITED BY
INSTITUTE OF BIOMEDICAL SCIENCE (IBMS), UK**

JPT/BPP(R2/722/0002)06/23, MQA A8827

BACHELOR OF

BIOMEDICAL SCIENCE

(HONS.)



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 as well 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.

FINANCIAL ASSISTANT

HRDF Claimable
**subject to company levy contribution*

EPF WITHDRAWAL

PTPTN
**subject to PTPTN approval*

CREDIT CARD

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.

PROGRAMME STRUCTURE

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
Biostatistic
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*


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