

UniKL AWARD & RECOGNITION



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WEEKEND & EVENING CLASSES

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FINANCIAL ASSISTANCE

UNIVERSITI KUALA LUMPUR
KAMPUS CAWANGAN INSTITUTE OF MEDICAL SCIENCE TECHNOLOGY
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MARA Loan



HRDF Claimable



EPF Withdrawal



PTPTN

* Subject to Terms & Conditions

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JPT/BPP (R2/722/6/0002) 06/23, MQA A8827

**BACHELOR OF
BIOMEDICAL
SCIENCE
(HONOURS)**

OVERVIEW

This programme 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. The programme 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.

FLEXIBLE LEARNING

Offering flexibility to cater to your schedule, so that you can pursue additional knowledge without interfering with your work schedule.

UniKL offers the flexibility to cater to your work schedule and provide you with the opportunity to enhance your skills whilst not compromising your work time. This workaround learning schedule is the main reason many professionals choose to enter UniKL's FlexiLearn programmes. Selected Professional Certificates can be embedded into the programmes as well. Furthermore, prior academic qualifications and working experience may be

APEL

Accreditation of Prior Experiential Learning

APEL (Accreditation of Prior Experiential Learning) is a systematic process which involves the IDENTIFICATION, DOCUMENTATION, and ASSESSMENT of prior experience related to a study programme.

APEL is a systematic process that involves the identification, documentation and assessment of prior experiential learning, i.e. knowledge, skills and attitudes, to determine the extent to which an individual has achieved the desired learning outcomes, for access to a programme of study and/or award of credits.

INTERNATIONAL ACCREDITATION

- Institute of Biomedical Science (IBMS), UK

ENTRY REQUIREMENT

- **Pass Matriculation / Pre-University / STPM** programme or equivalent qualification with minimum GPA 2.33 in TWO of the following subject:
 - Biology
 - Physics / Mathematics
 - Chemistry
- OR
- **A-Level programme** or equivalent qualification with minimum Grade D in TWO of the following subjects:
 - Biology
 - Physics / Mathematics
 - Chemistry
- OR
- **Recognized Diploma** with minimum CGPA of 2.75 in related field;
- OR
- **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
- 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

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
- Foreign Language 1
- Isu-isu Kontemporari Muslim di Malaysia / Culture and Lifestyle in Malaysia

SEMESTER 5

- Biostatistics
- Medical Parasitology and Entomology
- Scientific Communication
- Clinical Laboratory Cytopathology
- Clinical Biochemistry
- Molecular Diagnostic Technology
- Foreign Language 2
- Co-curriculum

SEMESTER 6

- Clinical Laboratory Histology
- Advanced Hematology
- Clinical Laboratory Microbiology
- Elective (Urinalysis and Body Fluids / Cell Culture Techniques / Principle of Lab Animal Sci)
- Community Health and Epidemiology
- Final Year Project 1

SEMESTER 7

- Transfusion Science and Blood Banking
- Philosophy of Education
- Elective (Development Biology / Basic Occupational Safety & Health / Radiation Biology and Protection / Principles of Human Nutrition)
- Final Year Project 2

SEMESTER 8

- Industrial Training

* the duration of the programme will be based in the actual credit transfer and number of courses taken by student on every semester.

