



**MAHSA**  
UNIVERSITY



*DIPLOMA IN*  
**MEDICAL LAB  
TECHNOLOGY**

KPT/JPS(R2/725/4/0073)(MQA/A6494)12/25

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**FACULTY OF  
MEDICINE,  
BIOSCIENCE  
AND NURSING**

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## OVERVIEW

Medical Laboratory Technologists are allied health professionals who are trained to conduct laboratory analyses of human tissue, blood and body fluids for the detection, monitoring and sometimes prediction of diseases in patients. The work of Medical Laboratory Technologist (MLT) complements that of a doctor in patient care. Though MLTs are trained to work in the medical laboratory, employment opportunities exist in a wide range of other fields.

## PROGRAMME OBJECTIVES

At MAHSA, to train to become competent MLTs, students will employ critical thinking and wide-ranging analytical skills to perform and validate laboratory test results by following safe practices and established protocols.

# PROGRAMME STRUCTURE

## YEAR 1

### SEMESTER 1

Biochemistry  
Human Biology 1  
Biostatistics  
Chemistry  
Islamic / Moral Studies  
English for Allied Health Sciences  
Introduction to Medical  
Laboratory Science  
Malaysian Studies  
Bahasa Malaysia

### SEMESTER 2

Human Biology 2  
Clinical Biochemistry 1  
Diagnostics Haematology 1  
Immunohaematology 1  
Immunology  
Microbiology 1  
Parasitology 1  
Computer Literacy



## YEAR 2

### SEMESTER 1

Clinical Biochemistry 2  
Cytology 1  
Diagnostic Haematology 2  
Immunohaematology 2  
Microbiology 2  
Parasitology 2  
Pathology 1

### SEMESTER 2

Clinical Biochemistry 3  
Cytology 2  
Diagnostic Haematology 3  
Immunohaematology 3  
Microbiology 3  
Pathology 2  
Personal and Professional Development



## YEAR 3

### SEMESTER 1

Clinical Attachment 1

### SEMESTER 2

Clinical Attachment 2



## ENTRY REQUIREMENTS

### Academic Qualification

SPM/SPMV

or

GCE/'O' Levels

or

Certificate

### Requirements

- SPM or equivalent with 5 credits in the following subjects: Bahasa Malaysia; English; Mathematics  
- 1 Science subject (Biology / Physics / Chemistry / General Science / Applied Science; any other 1 subject
- GCE / O Level or equivalent with 5 Grade C in the following subjects: English; Mathematics  
- 1 Science subject (Biology / Physics / Chemistry / General Science / Applied Science; any other 2 subjects
- Certificate related to Health Sciences with minimum of CGPA 2.75

## CAREER PATH

- Public and private diagnostics laboratories
- Universities and research institutions
- Forensic laboratories
- Vendors of diagnostic equipment
- MLT diploma holder with good CGPA may progress to degrees in Biomedical Science & Medicine



# MAHSA's PASSPORT

TO SUCCESS



Professional Industry-Driven Education (P.R.I.D.E) is MAHSA University's specially designed education pathway that give students the best of both academic and professional certifications. Students have the opportunity to gain professional skills through various programmes from MAHSA's collaborations with internationally recognised professional bodies. P.R.I.D.E increases the employability rate of our fresh graduates and puts them on par with the rest of the professional world.

## MASTERCLASS

Students of this programme are eligible to gain add-on certification in Master Classes. There are more than fifty Master Classes to choose from, and all are designed to further enhance the student's employability, in line with the Industrial Revolution 4.0.

## MOBILITY PROGRAMME

This is a unique opportunity for students to study abroad for up to one year in a foreign country. This study abroad programme lets students experience different cultures and

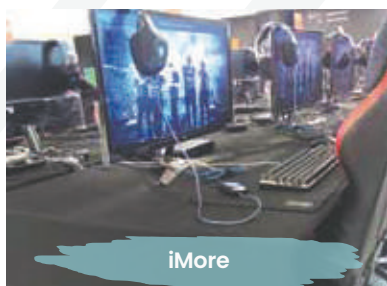
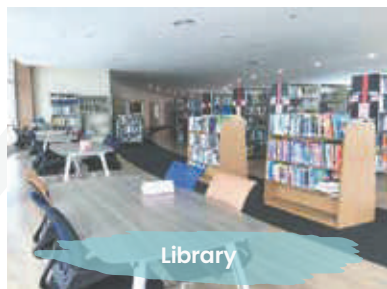
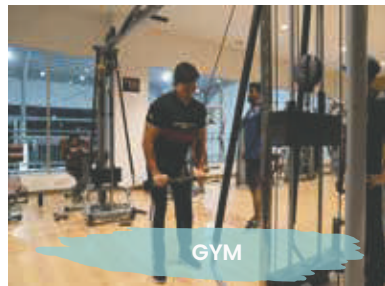
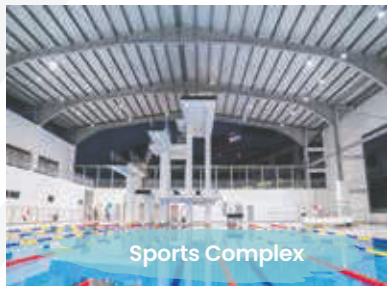
## PROFESSIONAL COURSES

Through MAHSA's collaboration with internationally recognised professional bodies, students will earn certifications that will enhance their professional skills and increase their employability rate.



practices from around the world. Ask us about our university partners in over fifty different countries.

# MAHSA BE MORE



## MAHSA UNIVERSITY

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