



MAHSA
UNIVERSITY



DIPLOMA IN **MEDICAL IMAGING**

KPT/JPS (R2/725/4/0070) (A6493) 07/25

**FACULTY OF
HEALTH SCIENCES**



OVERVIEW

Medical Imaging offers invaluable information to physicians in the diagnosis of diseases and injuries. Medical Imaging is carried out by professional radiographers, who use x-ray and other modalities like Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Radionuclide Imaging (RNI), ultrasound to produce high-quality images of bones or organs of a patient.

PROGRAMME OBJECTIVES

At MAHSA, the 3-year Diploma in Medical Imaging contains the essential theoretical studies and clinical practice needed to become a qualified diagnostic radiographer. Students will learn subjects on human anatomy, pathology and behavioural science to enable them to play a vital role in patient care. As Medical Imaging is a clinically-oriented profession, students will also learn to use highly sophisticated equipment safely and with confidence under the supervision of experienced clinical instructors.



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Radiography is a medical field that uses advanced technologies to provide critical information on patient's condition.

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PROGRAMME STRUCTURE

YEAR 1

SEM 1

- Anatomy and Physiology I
- Radiographic Physics
- Imaging Procedure I
- Radiographic Instrumentation I
- English for Academic Purpose

SEM 2

- Anatomy and Physiology II
- Radiation Physics
- Imaging Procedure II
- Radiographic Imaging I
- Patient Management I
- English for Academic Writing
- Pengajian Malaysia 2/Bahasa Melayu
- Komunikasi 1

SEM 3

- Patient Management II
- Radiation Protection
- Creative & Critical Thinking

SEM 1

- Basic Administration and Management
- Image Study and Evaluation II
- Clinical Practice II

SEM 2

- Imaging Procedure V
- Professional Development
- Co-Curricular Project
- Clinical Practice III

SEM 3

- Clinical Practice III

YEAR 3

SEM 1

- Anatomy and Physiology III
- Imaging Procedure III
- Radiographic Imaging II
- Image Study and Evaluation I
- Pathology

SEM 2

- Q.A in Radiography
- Imaging Procedure IV
- Radiographic Instrumentation II
- Behavioural Studies
- Specialised Imaging Instrumentation

SEM 3

- Clinical Practice I
- Time Management

YEAR 2

CAREER PATH

Radiographers have attractive employment prospects. They can seek employment in public and private hospitals. Alternatively, they can work in multinational medical imaging companies, research and marketing new innovations to the healthcare sector.

ENTRY REQUIREMENTS

Academic Qualification Requirements

SPM

OR

GCE O-Level

OR

Certificate

OR

Other

English proficiency
(International Student)

SPM or equivalent with PASS in Bahasa Melayu and English and 5 credits including Mathematics, 1 science subject (Biology/Physics/Chemistry/General Science/Applied Science) with 3 other subjects (including Bahasa Melayu and/or English if credits).

**Having SPM referring to pass SPM with at least pass in Bahasa Melayu and History*

Pass GCE O-Level or equivalent with PASS in Bahasa Melayu or English and 5 Grade C including Mathematics, 1 science subject (Biology/Physics/Chemistry/General Science/Applied Science) with 3 subjects (including Bahasa Melayu and/or English if obtained Grade C)

Certificate (Level 3 MQF) in the field of Health Science with minimum CGPA of 2.75

Other recognised qualification of equivalence

IELTS (4.0) | TOEFL IBT (30-31) | TOEFL PBT (397) | CAM ENG ADV – CAE (160) | CAM ENG PROF – CPE (180) | Pearson Test English – PTE (30) | MUET (Band 2)

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.

PROFESSIONAL COURSES

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

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

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



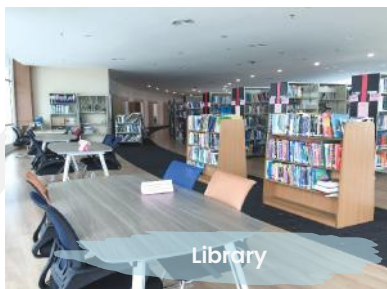
MAHSA BE MORE



Sports Complex



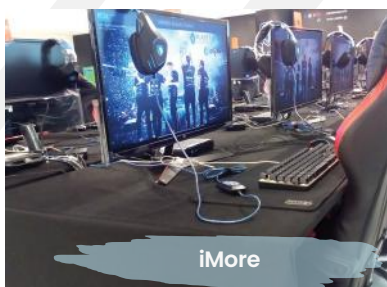
GYM



Library



The Habitat



iMore



Residences



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