



MAHSA
UNIVERSITY



**DIPLOMA IN
MEDICAL IMAGING**
(Radiography)

KPT/JPS(R/725/4/0070)(A6493)07/20

**FACULTY OF
HEALTH SCIENCES**



OVERVIEW

Medical imaging offers invaluable information to physicians in the diagnosis of disease 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

Anatomy, Physiology & Pathology
Radiography Physics
Radiation Physics
Patient Management
Imaging Procedure
Radiography Instrumentation
Radiography Imaging
Clinical Practice

YEAR 3

Imaging Procedure
Image Assessment and Evaluation
Administration & Management
Clinical Practice

YEAR 2

Anatomy, Physiology & Pathology
Radiation Protection
Radiography Instrumentation
Radiography Imaging
Behavioural Science
Specialised Imaging Equipment
Image Assessment and Evaluation
Quality Assurance in Radiography
Imaging Procedure
Clinical Practice

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

SPM

or

GCE / 'O' Levels

or

Certificates

or

Other Qualifications

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 CGPA 2.75

Other equivalent qualification

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.

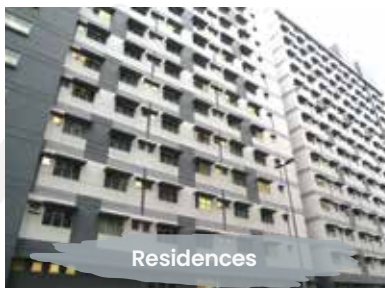
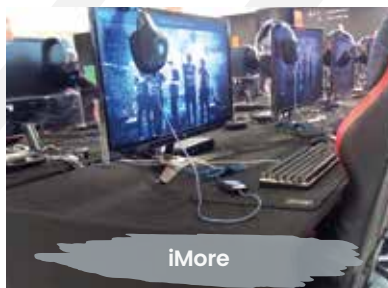
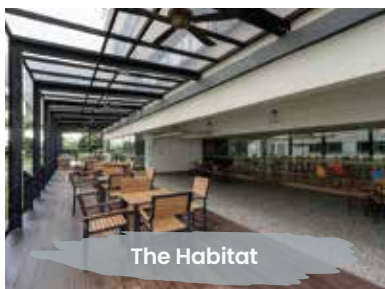
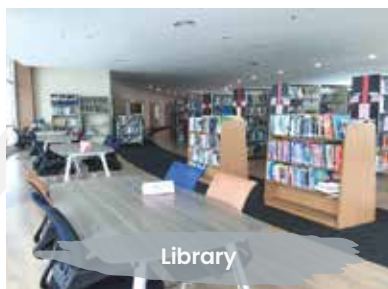
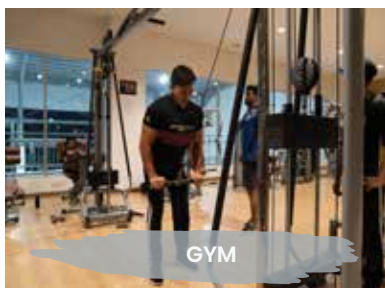
MOBILITY PROGRAMME

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



MAHSA UNIVERSITY

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