

DIPLOMA IN RADIOGRAPHY

A Diagnostic Radiographer is defined as a professional from the Allied Health Science Group trained in the use of X-rays and other sophisticated diagnostic imaging systems, such as magnetic resonance imaging (MRI), computerised tomography (CT), mammography, radionuclide imaging, angiography and digital radiography for the purpose of producing diagnostic quality medical images to enable the Radiologist (a specialist doctor in Radiology) to diagnose diseases and abnormalities of the human body.

The art and science of Diagnostic Radiography requires the acquisition of knowledge and skill in the following specific areas ; anatomy and physiology; medical ethics; medical terminology; pathology; patient management; behavioral science; accurate patient positioning; the principles of X-ray exposures; quality assurance of medical imaging instruments; general physics; radiation physics and radiation protection; radiobiology; pattern recognition of normal and abnormal medical images; and photochemistry.

The Diagnostic Radiographer is an essential member of the healthcare community. The good teamwork with the other healthcare providers expedite medical treatment of patients, and thus fasten their recovery toward good health.

The students will spend 3 years full time studying with clinical practice at several government and private hospitals. The training programme is committed to graduating students with a holistic experience in the art and science of medical imaging. It is designed to produce graduates who are technical proficient and knowledgeable practitioners, who take pride in providing exemplary patient care.

PROGRAMME CONTENTS

SEMESTER 1

Basic Anatomy and Physiology I
Basic Pathology I
Fundamental Physics for Radiographers
Patient Management
Introduction to Diagnostic Imaging
Clinical Practice I
Technical and Communication English I

SEMESTER 2

Basic Anatomy and Physiology II
Basic Pathology II
Behavioral Science
Radiation Physics
Radiation Protection
Clinical Practice II
Technical and Communication English II

SHORT SEMESTER

Co-Curriculum I
Mandarin I
Information Technology (ICT)

SEMESTER 3

Introduction to Diagnostic Imaging Instrumentation
Introduction to Radiographic Photography and Quality Assurance I
Positioning Technique for General Radiography
Clinical Practice III
Pendidikan Islam/ Moral
Technical and Communication English 3

SEMESTER 4

General Diagnostic Imaging Instrumentation
Radiographic Photography and Quality Assurance II
Contrast Radiography and Specialised Imaging Technique
General Diagnostic and Specialised Imaging Technique
Clinical Practice IV

SHORT SEMESTER

Mandarin II
Introduction to Entrepreneurship
Co-curriculum II

SEMESTER 5

Specialised Diagnostic Imaging Instrumentation
Radiographic Photography and Quality Assurance III
Specialised Imaging Modalities and Specialised Imaging Study
Clinical Practice V

SHORT SEMESTER

Case Study
Pengajian Malaysia

SEMESTER 6

Clinical Practice VI
Basic Principles In Management
Bahasa Malaysia A

ENTRY REQUIREMENTS

- Sijil Pelajaran Malaysia (SPM) or equivalent with minimum C 6 in
 - Science (Physics or Biology or other Core Science subject)
 - Bahasa Malaysia,
 - Mathematics,
 - 1 other subjects and
 - Pass in English
- Aged 18 and above (essential)
- Pass in the selection interview (if required)

FEES

Fees for 3 years : **RM 45,230.00**

Financial aids in the form of study loans can be obtained from MARA or PTPTN for eligible students.