

DIPLOMA IN MEDICAL IMAGING



OVERVIEW :

Medical imaging is the process of using technology to view the human body in the interest of diagnosing, monitoring, and treating medical problems. Medical imaging allows medical practitioners to find diseases in their early stages, which leads to better outcomes for patients. The field is gaining popularity as technology evolves and more research is being done to enhance the detection processes of various diseases, such as cancer. As such, a career in the field of medical imaging is gaining popularity and provides multiple career options and good prospects for graduates. If you have a knack for medical and anatomical skills, a mechanical aptitude and are keen to play a part in changing peoples' lives for the better, then the 'Diploma in Medical Imaging' at DSH Institute of Technology may just be the right course for you.

At the end of our "Diploma in Medical Imaging", students will be able to :

- ✔ Apply knowledge of radiographic approaches, procedures and systems correctly and demonstrate critical thinking and decision making related to medical imaging
- ✔ Practice appropriate medical diagnostic imaging skills to produce good quality radiographic images, through various clinical attachments

COURSE STRUCTURE :

YEAR 1	YEAR 2	YEAR 3
Technical Knowledge Anatomy and Physiology I Imaging Instrumentation I General Physics Imaging Process I Patient Care I Anatomy And Physiology II Basic Imaging Technique I Patient Care II Imaging Process II Radiation Physics Behavioural Science Pathology	Technical Knowledge Radiation Protection Image Evaluation I Basic Imaging Technique II Imaging Instrumentation II Healthcare Management Contrast Imaging Technique Clinical Placements Clinical Placement I Clinical Placement II Clinical Placement III	Clinical Attachments Special Imaging Modality Special Imaging Technique Image Evaluation II Professional Knowledge / Skills Professional Development Co - curriculum / Community Work Clinical Placements Clinical Placement IV Clinical Placement V
Professional Knowledge / Skills Advanced Communicative English Malaysian Studies Islamic Studies (Muslims Only) Moral Studies (Non - Muslims)		

Course Code
DMI

Duration
3 years (full time)

MQA Approval
FA4965

MOHE Approval
R/725/4/0074

Mode of Study
Lectures, Tutorial, Practical Sessions, Clinical Placements

Future Education Pathways

- ↗ Degree in Medical Imaging
- ↗ Degree in Medical Imaging Science
- ↗ Degree in Radiology and Medical Imaging

Career Pathways

- ↗ MRI Radiographer
- ↗ Medical Imaging Technologist
- ↗ Medical Diagnostic Radiographer
- ↗ Nuclear Medicine Technologist

Entry Requirements

Malaysians
Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum of FIVE (5) credits in the following subjects (a) Bahasa Melayu (b) Science Subjects:
i. Biology or Chemistry, OR
ii. Physics with pass in Biology, OR
iii. Science/General Science/Applied Science (c) Mathematics:
i. Mathematics, OR
ii. Additional Mathematics
(d) ONE (1) credits from any other subjects (e) Pass in English

Non-Malaysians
GCE O-Level or equivalent with FIVE (5) GRADE Cs' in the following subjects:
(a) English
(b) Mathematics :
i. Mathematics OR
ii. Additional Mathematics
© Science Subjects:
i. Biology or Chemistry, OR
ii. Physics with pass in Biology, OR
iii. Science/General Science/Applied Science
Any other TWO (2) subjects

Any Other Certificate Related to Health Sciences with minimum CGPA of 2.75