

### More about the Medical Imaging program:

Our BSc in Radiological and Medical Imaging is one of the most important taught programs in the country and is held in high regard in the Hashemite Kingdom of Jordan and abroad. It aims at providing the students with both academic and practical content in sufficient details to ensure that, on graduation, they are competent to work as diagnostic technologists within a healthcare team. The B.S degree in Radiological and Medical Imaging is awarded after completing 136 credit hours of the university, faculty and department's requirements.

### The department requirements are divided into different scientific fields:

- Quality Control and Radiation Protection in Medical Imaging (Film processing, Quality Control (QC), Radiation Protection and biology, Patient Care)
- Conventional Medical Imaging Applications (Imaging Procedures I, II, III and Nuclear Medicine)
- Advanced Medical Imaging Applications (Cross-sectional anatomy, Computed Tomography (CT), Magnetic Resonance Imaging (MRI)).
- Analysis and processing of Medical Images (Quantitative Analysis of Medical Images, Digital Imaging, Principles of Diagnostic Radiology).
- Allied imaging sciences (Anatomy, Physiology, Pathology, Statistics, Medical ethics, Health Services Administration).
- Internship in Medical Imaging which takes place in accordance with academic progress to enable students to perform different radiographic examinations and procedures. The clinical practicum takes place in different radiology departments of many hospitals (Al-Bashir, Prince Hamzeh, Al-Zarqa, and Royal Medical Services). Timetable is drawn up for students to ensure that the compulsory practical experience is acquired by the end of the program.

### Career Opportunities:

Diagnostic technologists are in high demands in hospitals, clinics and industry.

### Postgraduate Studies:

Graduates are eligible to continue their postgraduate studies abroad (USA, UK, Canada, Australia). The department is planning to establish a master of science in medical imaging.

### Admission Requirements:

Students holding the General Secondary Certificate (Scientific branche), with a minimum average of 70% are eligible to apply for admission. Graduates with diploma degree in medical imaging / diagnostic radiography are eligible to apply for admission. Upon evaluating their diploma degree, students are required to complete a specific number of credit hours successfully in order to upgrade their diploma to B.Sc in Radiological and Medical Imaging.

### Academic Advisor:

1<sup>st</sup> Year: Dr.Kholoud AL-Zyoud

2<sup>nd</sup> Year: Dr.Ammar Oglat

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## Faculty of Applied Health Sciences



## Department of Medical Imaging

