

# Department of Allied Health Sciences

## BS-Medical Imaging Technology

Shift : Morning

Duration : 4 years, 8 semesters, 130 credit hours

Eligibility : F.Sc. (Pre-Medical) equivalent with a minimum of 50% from any recognized Board.

### 1st Semester

Course	Course Title	Credit Hours
PMS-101	Biochemistry-I	3+1
PMS-102	Human Physiology-I	3+1
PMS-103	Human Anatomy-I	3+1
PMS-104	English-I	2+0
PMS-105	Paki Studies	2+0
PMS-106	Computer Skills	1+1

### 2nd Semester

Course	Course Title	Credit Hours
PMS-107	Biochemistry-II	3+1
PMS-108	Human Physiology-II	3+1
PMS-109	Human Anatomy-II	3+1
PMS-110	English-II	2+0
PMS-111	Islamic Studies	2+0

### 3rd Semester

Course	Course Title	Credit Hours
PMS-210	Regional and Radiological Anatomy-I	2+1
PMS-211	General Radiology	2+1
PMS-212	Radiation Sciences and Technology	2+1
PMS-201	General Pathology	2+1
PMS-202	General Pharmacology	2+1
PMS-206	Communication Skills	1+1

### 4th Semester

Course	Course Title	Credit Hours
PMS-234	Clinical Medicine-I	1+1
PMS-235	Regional and Radiological Anatomy-II	2+1
PMS-236	Conventional Radiological Procedures & Clinical Practice	2+2
PMS-237	Radiological Positioning & Clinical Practice	2+2
PMS-238	Computed & Digital Radiography (CR & DR)	1+1
PMS-239	Radiobiology & Radiation Protection	1+1

### 5th Semester

Course	Course Title	Credit Hours
PMS-313	Computed Tomography(CT)	2+2
PMS-314	Mammography & Special Radiological Techniques	2+1
PMS-315	Magnetic Resonance Imaging (MRI)	2+2
PMS-316	General Surgery	1+1
PMS-317	Interventional Radiology	1+1
PMS-318	Clinical Medicine-II	1+1

### 6th Semester

Course	Course Title	Credit Hours
PMS-319	Radiological & Cross sectional Anatomy	2+1
PMS-320	Computed Tomography (CT) Procedures & Clinical Practice	2+1
PMS-321	Magnetic Resonance Imaging (MRI) Procedures & Clinical Practice	2+1
PMS-322	Therapeutic Radiology	2+1
PMS-308	Biostatistics	2+1
PMS-310	Research Methodology	2+1

### 7th Semester

Course	Course Title	Credit Hours
PMS-411	Clinical Sonography	2+2
PMS-412	Angiography and Cardiac Imaging	2+2
PMS-413	Nuclear Medicine	2+1
PMS-414	Echocardiography	1+1
PMS-415	Electrocardiography (ECG)	1+1
PMS-416	Clinical Pathology & Radiological Presentation	1+1

### 8th Semester

Course	Course Title	Credit Hours
PMS-417	Patient care & Management	2+0
PMS-409	Medical Sociology	2+0
PMS-406	RESEARCH PROJECT	06