

**Course Summary for
B.Sc. in Radiography**

Course Code	Course Name	Credits
1st Year 1st Semester		
AH 1101	English & communication skills	NC
AH 1102	Information technology	NC
AH 1103	Basic Human Anatomy	2
A H1104	Human Physiology 1	2
AH 1105	Sociology and Anthropology	1
AH 1106	Introduction to Psychology	2
AH 1108	Basic Biochemistry	1
RA 1101	General Physics	2
RA 1102	Electronics and Instrumentation	1
RA 1103	Medical Imaging Equipment- I	2
RA 1104	Radiobiology	1
	Total	14
1st Year 2nd Semester		
AH 1201	English & Communication skills	NC
AH 1202	Basic Statistics	2
AH 1203	General Pathology	2
RA 1201	Radiation Physics	2
RA 1202	Anatomy for Radiographers	2
RA 1203	Medical Imaging Equipment- II	1
RA 1204	Basic Techniques of Plain Radiography	3
RA 1205	Imaging Principles	2
RA 1206	Radiation Protection- I	1
RA 1207	Care of Patient -I	1
	Total	16
2nd Year 1st Semester		
AH 2101	English & communication skills	NC
AH 2102	Basic Research Methodology	1
RA 2101	Principles of Nuclear Imaging	2
RA 2102	Fluoroscopy & C – arm - Principles & Equipment	2
RA 2103	Computed Tomography – I	2
RA 2104	Basics of Maintenance of Equipment	1
RA 2105	Ethics in Medical Radiation Technology & Forensic Radiography	1
RD 2101	Mammography	1
RD 2102	Special Techniques of Plain Radiography	2
RD 2103	Care of Patient - II Radiography	2
RD 2104	Radiation Protection - II for Diagnostic Radiographers	2
	Total	16
2nd Year 2nd Semester		
AH2201	English & communication skills	NC
RA 2201	Computed Tomography-II	2
RD 2201	Techniques of Fluoroscopy and Contrast Studies	2

RD 2202	Practice of Basic Techniques of Plain Radiography	4
RD 2203	Applied Anatomy in Plain Radiography, Mammography & Contrast Studies	1
RD 2204	Practice of Imaging Principles	2
RD 2205	Quality Assurance in Diagnostic Radiography	2
RD 2206	Magnetic Resonance Imaging – I	2
RD 2207	Digital Radiography	1
	Total	16
3rd Year 1st Semester		
RD 3101	Dental Radiography	2
RD 3102	Practice of Special Techniques of Plain Radiography	2
RD 3103	Applied Imaging in Plain Radiography, Mammography & Contrast Studies	2
RD 3104	Common Diseases of Man for Diagnostic Radiographers	1
RD 3105	Magnetic Resonance Imaging-II	2
RD 3106	Miscellaneous Imaging Techniques	1
RD 3107	Practice of Magnetic Resonance Imaging- I	2
RD 3108	Care of Patient Under Special Circumstances	2
	Total	14
3rd Year 2nd Semester		
RD 3201	Applied Anatomy CT & MRI	1
RD 3202	Practice of Fluoroscopy & Contrast Studies	2
RD 3203	Pediatric Imaging	2
RD 3204	Maintenance of Radiography Equipment	2
RD 3205	Practice of Computed Tomography- I	2
RD 3206	In Service Training I – Radiography	6
	Total	16
4th Year 1st Semester		
AH 4101	English and communication skills	NC
AH 4102	Applied Statistics	2
AH 4103	Proposal Formulation and Presentation	2
RD 4101	Practice of Quality Assurance in Radiography	2
RD 4102	Practice of Computed Tomography - II	2
RD 4103	Applied Imaging in CT & MRI	2
RD 4104	Quality Assurance in CT & MRI	2
RD 4105	Principles of Radiation Dosimetry & Application for Radiography	2
	Total	14
4th Year 2nd Semester		
AH4201	English & communication skills	NC
RA 4201	Research Project & Presentation	6
RD 4201	C -arm & Theatre Radiography (<i>males only</i>)	2
RD 4202	Practice of Mammography (<i>females only</i>)	
RD 4203	In Service Training-II Radiography	5
RD 4204	Practice of Magnetic Resonance Imaging -II	2
RD 4205	Practice of Nuclear Imaging	2
	Total	17

Total credits for B.Sc. General Degree: 92

Total credits for B.Sc. Special Degree : 123

NC - Non Credit