

Study Plan for Radiographic Technology 2024/ 2025 (136) Credit Hours

Remedial materials : Remedial subject : 9 Credit Hours

Course No.	Course Title	Cr. Hr.	Prerequisite
01100051	Computer science	3	-
01100011	Arabic Language	3	-
01100012	English Language	3	-

First: Compulsory University Requirements: (12 Credit Hours)

Course No.	Course Title	Cr. Hr.	Prerequisite
01101101	* Military Sciences	3	-
01101112	* Civic Education	3	-
01101105	Volunteer work	0	-
01101111	Arabic Language	3	01100011
01101112	English Language	3	01100012

Second: Elective University Requirements: (12 Credit Hours)

The student chooses 12 Credit Hours from the following courses.

Course No.	Course Title	Cr. Hr.	Prerequisite
01101103	Traffic Education	3	--
01101104	Innovation and Entrepreneurship	3	-
01101121	Life Skills	3	-
01101131	Islamic Education	3	-
01101132	Jerusalem and the Hashemite Custodianship	3	-
01101141	Sport and Health	3	-
01101142	Environment and Society	3	-
01101151	Computer Skills	3	01100051
01101152	Internet and Communication	3	-
01101161	Economic concepts and systems	3	-
01101171	Psychology and society	3	-
01101213	Communication skills in Arabic	3	01101111
01101214	Communication skills in English	3	01101112
01101243	Public safety and first aid	3	-
01101281	Scientific research methods	3	-
01101282	Introduction in astronomy	3	-
03011101	The law in our life	3	-
03021201	Human rights	3	-

Third: Faculty Requirements: (19 Credit Hours)

Course No.	Course Title	Cr. Hr.	Prerequisite
11011109	General Medical Chemistry	3	-
11011110	General Medical Chemistry (laboratory)	1	11011109 (C)
11011283	General Medical Biology	3	-
11011284	General Medical Biology (laboratory)	1	11011283 (C)
11021206	General Medical Physics	3	-
12021212	Anatomy & Histology	3	11011283 (C)
12021213	Anatomy & Histology (laboratory)	1	12021212 (C)
12032116	Pathology	3	11011283
12041218	Medical Ethics	1	-

*Non-jordanian student has the right to register it or choose one of the courses offered by the university.

** If the student does not pass the level exams should be take the following courses:

Preparative Arabic language (01100011), Preparative English language (01100012), Preparative computer skills (01100051)

Fourth: Department Requirements (93 Credit Hours)

A- Compulsory Department Requirements: (84 Credit Hours)

Course No.	Course Title	Cr. Hr.	Prerequisite
11031101	Differentiation and Integration 1	3	-
12041210	Human Physiology	3	11011283
12041228	Nursing care	2	-
12041229	Nursing care practical	1	12041228 (C)
12021210	Biochemistry	3	11011109
12022129	Diagnostic Radiation Physics	2	11021206
12022219	Management and quality control	2	-
12022218	Biostatistics	2	-
12014110	Methods of scientific research	3	-
12022126	Fundamentals of Medical Imaging	2	-
12022127	Radiobiology and radiation protection	3	-
12022128	Principles of Radiological Diagnosis	2	12022129(C)
12022229	Analysis and processing digital radiography images	2	12022127 (C)
12022237	Mammography	1	12022126 (C)
12022238	Peripheral Skeletal System Radiography	2	12022128
12022239	Peripheral skeletal system radiography (lab)	1	12022238 (C)
12022248	Computers in Medical Imaging	2	-
12022249	Computers in Medical Imaging (Lab)	1	12022248 (C)
12023129	Adjusting quality of radiography images	2	12022219
12023137	Cross Sectional Anatomy	2	12022249 (C)
12023138	Central Skeletal System Radiography	2	12022239 (C)
12023139	Central Skeletal System Radiography (lab)	1	12023138 (C)
12023159	Patient care in radiology department	1	12041228
12023169	Clinical training (1)	3	12022229 (C)
12023243	Magnetic Resonance Imaging	2	12023139
12023244	Magnetic Resonance Imaging Simulation	1	12023243
12023245	Contrast Media Radiography	2	12022239
12023246	Contrast Media Radiography (lab)	1	12023245 (C)
12023247	Nuclear Medicine Imaging	3	12023139
12023248	Computerized Tomography (1)	2	12023137 (C)
12023249	Computerized Tomography (1) simulation	1	12023248 (C)
12023262	Clinical training (2)	3	12023138 (C)
12024139	Panorama dental imaging	1	12023159
12024146	Ultrasound Imaging	2	12023244 (C)
12024147	Computerized Tomography (2)	2	12023249
12024148	Computerized Tomography (2) Simulation	1	12024147 (C)
12024149	Angiography	2	12023247 (C)
12024169	Clinical training (3)	3	12023249
12024219	Project research in Radiographic Imaging	1	12024269 (C)
12024249	Radiotherapy	3	12024148
12024269	Medical Imaging Internship	6	12024169 (C)

B- Elective Department requirement (9 Credit hours)

The student chooses 9 Credit Hours from the following courses.

Course No.	Course Title	Cr. Hr.	Prerequisite
12024144	Advanced topics of MRI	3	12023243
12024245	Artificial intelligence for radiography images		12023129
12024248	Advanced topics in CT	3	12024147
12024210	Management of Health Services	3	-
12031262	Microbiology	3	11011283
12032111	General pharmacology	3	-
12034220	Medical Terminology	3	-
12014221	Medical sociology	3	-