

**Applied Medical Sciences
Radiological And Medical Imaging**

**Study Program : Bachelor
Study Plan Type : Major
Academic Year : 2022**

The requirements to obtain a Bachelor degree is :-

*** The minimum requirements to get a Bachelor degree in / Radiological And Medical Imaging / is to pass 136 credit hours, according to this study plan.**

*** The credit hours are distributed to get a Bachelor degree as follows :-**

	Number of credit hours	
University Requirements	27.000	
Compulsory	18.000	
Elective	9.000	
Faculty Requirements	22.000	
Compulsory	22.000	
Specialization Requirments	84.000	
Compulsory	71.000	
Elective	13.000	
Free Courses	3.000	0.000
Pre-requist Courses	0.000	0.000
Total :	136.000	

University Requirements Credit Hours : 27
Requirement type : Compulsory Credit Hours :18

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2116011101	Arabic Communication Skills	3.000	3.000	0.000	121601099	online learning
2116021101	English Communication Skills	3.000	3.000	0.000	121602099	online learning
2214041117	Military Science	3.000	3.000			online learning
1714041118	National Education	3.000	3.000	0.000		online learning
2114041123	Leadership and Social Responsibility	2.000	2.000	0.000		online learning
2114041124	Enterpreneurship and Innovation	2.000	2.000	0.000		online learning
2114041125	Life Skills	2.000	2.000	0.000		online learning

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1804001128	Cyber Hygiene	3.000	3.000	0.000	110108099	in class
2210031100	digital culture	3.000	3.000	0.000		
1916033201	Italian Language (2)	3.000	3.000	0.000	1716031101	in class
1916034101	Russian Language (1)	3.000	3.000	0.000		online learning
1916034102	Russian Language (2)	3.000	3.000	0.000		
1916034201	Japanese (2)	3.000	3.000	0.000	1716031102	in class
1916035101	Turkish Language (1)	3.000	3.000	0.000		in class
1916036101	Korean Language (1)	3.000	3.000	0.000		in class
1916036102	Korean Language(2)	3.000	3.000	0.000	1916036101	
1916037101	German Language (1)	3.000	3.000	0.000		in class
1916038101	Chinese Language (1)	3.000	3.000			online learning
1916039101	Polish Language (1)	3.000	3.000	0.000		in class
1714041101	University Life of Student	3.000	3.000			online learning
1714041102	Introduction to Psychcology	3.000	3.000			online learning
1714041104	Family and Child Education	3.000	3.000			online learning
1714041107	Citizenship and Human Rights	3.000	3.000			in class
1714041110	Islam Current Issues	3.000	3.000			in class
1714041111	Islamic Thought	3.000	3.000			online learning
1714041112	Jerusalem : Histroy and Civilization	3.000	3.000			in class
1714041113	Citizenship and Human Rights	3.000	3.000	0.000		online learning
1714041114	Histroy and Civilization of Jordan	3.000	3.000			online learning
1714041115	Sociology	3.000	3.000			in class
1714041116	Archaeology and Tourism	3.000	3.000			online learning
1714041120	Economic and Management Science	3.000	3.000			

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Course Type
1714041121	Law and Ordering of Our Life	3.000	3.000			online learning
1714041122	Principles of Sign Language	3.000	3.000			in class
1714041126	Humanistic Moral and Values Education	3.000	3.000			online learning
1714041127	Conflict Resolution and Accept Others	3.000	3.000			online learning
1714041128	Culultural Heritage in Jordan	3.000	3.000			
1914041130	Integrity Transperancy and anti - Corruption	3.000	3.000	0.000		online learning
1714041193	Palestinian Cause	3.000	3.000			in class
1714041194	Arabic Language and Current Issues	3.000	3.000			online learning
1814041195	Disability and Healthy Community	3.000	3.000			online learning
1814041197	Selected Topics in National Trends	3.000	3.000			
1814041198	Education for Sustainable Development	3.000	3.000			online learning
1814041199	Adjustment and Mental Health	3.000	3.000			online learning
1814041200	Introduction to Education	3.000	3.000			online learning
1914042111	Media Education	3.000	3.000	0.000		online learning
2101081139	Physical Culture	3.000	3.000	0.000		online learning
2201081140	Development and Environment	3.000	3.000	0.000		online learning
0110108104	Energy and its Sources	3.000	3.000	0.000		online learning
0110108113	Biotechnology and Society	3.000	3.000	0.000		online learning
0110108114	Automobile Essentials	3.000	3.000	0.000		
0110108115	Computer Ethics	3.000	3.000	0.000		blended learning
0110108130	Health and Nutrients	3.000	3.000	0.000		online learning
0110108131	Health Education and First Aid	3.000	3.000	0.000		online learning
0110108132	Sport and Health	3.000	3.000	0.000		online learning

University Requirements Credit Hours : 27
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0140108134	Ethics in Natural Science	3.000	3.000	0.000		online learning
0170108135	Reproductive Health	3.000	3.000	0.000		online learning
0140108166	Pharmaceutical Edification	3.000	3.000	0.000		
0121601105	Applied Arabic Language	3.000	3.000			in class
0121602102	Applied English Language	3.000	3.000	0.000		blended learning
0121602103	Technical Translation	3.000	3.000	0.000		blended learning
0141603101	Italian Language	3.000	3.000			in class
0151603102	Japanese Language (Level 1)	3.000	3.000	0.000		in class
0121603201	Spanish Language (1)	3.000	3.000			blended learning

Faculty Requirements Credit Hours : 22
Requirement type : Compulsory Credit Hours :22

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Course Type
2005001211	Human Anatomy	3.000	3.000	0.000	1801041105 OR 110108105	online learning
2005001212	Human Anatomy / Practical	1.000	0.000	3.000	2005001211 synchronous	in class
2005001222	Human Physiology / Practical	1.000	0.000	3.000	(2005001221 synchronous OR 2005011221 synchronous) OR 140501221 synchronous	in class
2005011221	Medical Human Physiology	3.000	3.000	0.000	2005001211 synchronous	blended learning
1801041105	General Biology for Medical Science	3.000	3.000	0.000		in class
1801041106	Practical General Biology for Medical Science	1.000	0.000	3.000	1801041105 synchronous	in class
1701081137	Basics of General Chemistry	3.000	3.000	0.000		in class
0110102109	General Medical Physics	3.000	3.000	0.000		blended learning
0110103108	Basics of General Chemistry Laboratory	1.000	0.000	3.000	110103107 synchronous OR 1701081137 synchronous	in class
0110108116	Computer Skills	3.000	3.000	0.000	(1001103 AND 1001104) OR (110108099 OR 1011100)	blended learning

Specialization Requirments Credit Hours : 84
Requirement type : Compulsory Credit Hours :71

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
1905081214	Radiobiology	3.000	3.000	0.000	140508111	in class
1905081215	Radiation Protection	2.000	2.000	0.000	140508111	blended learning
1905081351	Medical Imaging Internship (1)	2.000	0.000	6.000	140508322	in class
0140508111	Fundamentals of Medical Imaging	3.000	3.000	0.000		blended learning
0140508212	Radiographic image Processing & Exposure	3.000	2.000	3.000	140508111 synchronous	in class
0140508213	Principles of Radioactivity	3.000	2.000	3.000	140508111	in class
0140508221	Radiological Imaging Procedures (1)	3.000	2.000	3.000	(2005001211 synchronous OR 140501211 synchronous) AND 140508212	in class
0140508315	Quality Control of Radiological Images	3.000	2.000	3.000	140508212	in class
0140508316	Methods in Patient Care	2.000	2.000			online learning
0140508322	Radiological Imaging Procedures (2)	3.000	2.000	3.000	140508221	in class
0140508323	Radiological Imaging Procedures (3)	3.000	2.000	3.000	140508322 synchronous	blended learning
0140508324	Nuclear Medicine	3.000	2.000	3.000	140508213	online learning
0140508331	Computed Tomography (1)	3.000	3.000		140508221	in class
0140508332	Magnetic Resonance Imaging (1)	3.000	3.000		140508221	in class
0140508341	Digital Imaging	3.000	2.000	3.000	140508212	blended learning
0140508342	Quantitative Analysis of Medical Images	3.000	2.000	3.000	140508341	blended learning
0140508433	Cross Sectional Anatomy	3.000	2.000	3.000	140508331 AND 140508332	in class
0140508434	Computed Tomography (2)	3.000	2.000	3.000	140508331	blended learning
0140508435	Magnetic Resonance Imaging (2)	3.000	2.000	3.000	140508332	in class
0140508443	Principles of Radiological Diagnosis	3.000	3.000	0.000	140508433	blended learning
0140508452	Medical Imaging Internship (2)	6.000	0.000	18.000	(140508331 AND 140508332) AND (140508351 OR 1905081351)	in class

Specialization Requirments Credit Hours : 84
Requirement type : Compulsory Credit Hours :71

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0140508453	Medical Imaging Internship (3)	6.000	0.000	18.000	(140508434 AND 140508435 AND 140508452)	in class
0110701353	Health Services Administration	1.000	1.000	0.000		in class
0110701405	Ethics of Science and Technology	1.000	1.000	0.000		online learning

Specialization Requirments Credit Hours : 84
Requirement type : Elective Credit Hours :13

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2005001311	Pathology	3.000	3.000	0.000	2005001211 AND 2005011221	online learning
0110108103	Principles of Statistics	3.000	3.000	0.000		in class
0140508272	Radiotherapy	3.000	2.000	3.000	140508111	in class
0140508273	Diagnostic Ultrasound	3.000	2.000	3.000	140508111	in class
0140508371	Special Topics in Medical Imaging	3.000	3.000	0.000		blended learning
0140508374	Research Methods in Medical Imaging	3.000	3.000	0.000		blended learning
0140508376	Molecular Imaging	3.000	3.000	0.000	140508324	
0140508377	Seminar in Medical Imaging	1.000	1.000	0.000		online learning

Courses - Not Allowed To Study Credit Hours : 0
Requirement type : Credit Hours :0

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
2005001221	Human Physiology	3.000	3.000	0.000	110108105 OR 1801041105	online learning
2210041132	enterepreurship and innovation	2.000	2.000	0.000		online learning

Pre-Requist Courses Credit Hours : 0
Requirement type : Credit Hours :0

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0001001096	Computer Skills Test	0.000	0.000	0.000		in class
0110108099	Computer Skills/ Prerequisite	3.000	3.000	0.000	1001096	online learning
0002110096	Arabic Placement Test	0.000	0.000	0.000		in class
0002120096	English Placement Test	0.000	0.000	0.000		in class
0121601099	Arabic Language / Pre-requisite	3.000	3.000		2110096	online learning
0121602099	English Language / Pre-requisite	3.000	3.000		2120096	online learning

free study materials are (3) credit hours, The student chooses it from any of the courses offered by the university departments.