

الخطة الاسترشادية بكالوريوس التصوير الطبي

First Year

First Semester

Course No.	Course Name	Credit Hours	Prerequisite
22100	University Requirement English Language	3	
41101	Calculus (1)	3	
42104	General Physics	3	
43104	General Chemistry	3	
43108	General Chemistry Lab	1	+43104
44101	General Biology (1)	3	
44105	General Biology (1) Lab	1	+44101
Total Credit Hour		17	

Second Semester

Course No.	Course Name	Credit Hours	Prerequisite
45100	University Requirement	3	
81111	Organic Chemistry	3	43104
81113	Organic Chemistry Lab	1	81111+ 43108
83102	Biostatistics	3	
45200	Computer Science for Medical Technology	3	
84271	First aid and Public Health	2	
	University Requirement	3	
Total Credit Hour		18	

Second Year

First Semester

Course No.	Course Name	Credit Hours	Prerequisite
84211	Physiology (1)	2	85111
84221	Anatomy	2	85111
84222	Anatomy and Physiology Lab	1	84221+84211+ 44105
81221	Analytical Chemistry	3	43104
81222	Analytical Chemistry Lab	1	81221+ 43108
	University Requirement	3	
88211	Radiation Physics	3	42104
88212	Introduction to Radiological science	3	42104
Total Credit Hour		18	

Second Semester

Course No.	Course Name	Credit Hours	Prerequisite
	University Requirement	3	
88221	Radiation Protection 1	3	84221
88222	Radiographic Anatomy	2	84212
88224	Sectional Anatomy	2	84221
88223	Radiographic Positioning 1 – Theory	3	84212
84212	Physiology (2)	2	84211
84213	Field Training 1 (Radiographic Positioning 1)	1	88212
	University Requirement	3	
Total Credit Hour		19	

Third Year**First Semester**

Course No.	Course Name	Credit Hours	Prerequisite
88311	General Pathology	2	84221
88312	Radiographic Positioning 2 – Theory	3	88223
88313	Medical Imaging Physics-1	3	88211
88314	Radiographic Pathology	2	88222
88317	Radiotherapy	3	88211
88319	Nuclear Medicine Imaging	3	84213
88318	Field Training 2 (Radiographic Positioning 2)	1	84213
Total Credit Hour		17	

Second Semester

Course No.	Course Name	Credit Hours	Prerequisite
88321	Radiographic Positioning 3 – Theory	3	88312
88322	Computer and Image modeling Lab	1	88313
88324	X-Ray Devices and Exposure	3	88315
	Elective Course	2	
88325	Digital Medical Imaging	2	88313 88212
88326	Radiobiology	1	88212
88327	Medical Imaging Lab	1	88319
88328	Field Training 3 (Radiographic Positioning 3)	1	88318
88329	Patient Care in Radiography	2	88221
Total Credit Hour		16	

Fourth Year

First Semester

Course No.	Course Name	Credit Hours	Prerequisite
88415	Radiographic positioning 4 – theory	3	88321
88411	Computed Tomography Scan (CT)	3	88321
88412	Contrast Media in Medical Imaging	1	88317
	Elective Course	2	
88413	MRI	3	88316
88414	Ultrasound	3	88316
88416	Advance Field Training 1- (CT)	2	88328
Total Credit Hour	17		

Second Semester

Course No.	Course Name	Credit Hours	Prerequisite
	Elective Course	2	
88421	PACS	2	83102
88422	Seminar	1	88326
88423	Advance Field Training 2 - (MRI)	2	88413 88411
88424	Cardiac Imaging	1	88325
88425	Dental Radiography	1	88323
	University Requirement	3	
	University Requirement	3	
Total Credit Hour	15		