

Academic Programs Booklet

College of Health and Sport Sciences

2017



B.Sc. in Radiologic Technology - Diagnostic - Completion 2017

Teaching Language: English

Total Credit: 69 CRD

Completion Component Entry describes those applicants who hold an Associate Degree in Diagnostic Radiography or any other qualification in radiography that is lower than the bachelor's degree and wish to obtain the BS in Radiologic Technology. To be eligible, candidate must meet the UOB admission criteria in addition to holding CHSS Associate Degree (AD) in Radiography Technology with a minimum GPA of 2.5 on a 4.0 scale, regardless of the high school grade. AD certification from other recognized institutions will be studied on a case by case basis.

Year 1 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
RAD 317	Advanced imaging (I)	5	4	2	0	MR	<u>RAD 316 & RAD 326</u>	Yes
LFS 227	Pathophysiology	4	4	0	0	CR	<u>LFS 118 & LFS 128</u>	No
PHAM 321	Pharmacology for Radiology	2	2	0	0	MSR	<u>LFS 128 & LFS 217 & Co-Requisite LFS 227</u>	No
RAD 33X	Major Elective (I)	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes
ISLM101	Islamic Culture	3	3	0	0	UR	-----	No
HRLC107	Human Rights	2	2	0	0	UR	-----	No

Year 1 - Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
RAD 416	Advanced Imaging (II)	5	4	2	0	MR	RAD 317 & RAD 327	Yes
HCA 301	Leadership and Management in Healthcare Setting	3	3	0	0	MSR	-----	No
SBS 316	Fundamental of Sociology & Psychology	3	3	0	0	MR	-----	Yes
ARAB 110	Arabic Language Skills	3	3	0	0	UR	-----	No
RAD 33X	Major Elective (II)	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes

Year 2 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
RAD 417	Advanced Imaging (III)	5	4	2	0	MR	RAD 416 & RAD 426	Yes
RAD 432	Forensic Imaging	3	2	2	0	MR	RAD 217 & RAD 316 & RAD 206	Yes
SBS 320	Research Methods	3	2	2	0	CR	-----	No
STAT 272	Introduction to Biostatistics	3	2	1	0	CR	-----	No
RAD 341	Radiology Quality Control	3	3	0	0	MR	<u>RAD 206 & CGS 202</u>	Yes
HIST 122	Modern History of Bahrain and Citizenship	3	3	0	0	UR	-----	

Year 2 - Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
RAD 450	Field Practice	7	0	0	21	MR	RAD 416 & RAD 426 & Co-Requisite RAD 417	Yes
RAD 431	Radiobiology	3	3	0	0	MR	<u>RAD 206 & CGS 202 & LFS 118 & LFS 128</u>	Yes
RAD 408	Graduation Project	3	3	0	0	MR	SBS 320	Yes

Major Elective Courses

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
RAD 331	Computerized Tomography	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes
RAD 332	Magnetic Resonance Imaging	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes
RAD 333	vascular ultrasonography	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes
RAD 334	mammography and breast imaging	3	2	2	0	ME	<u>RAD 206 & CGS 202 & LFS 128</u>	Yes