



## Bachelor of Radiological Sciences and Medical Imaging Program

### Plan of Study

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours (T,C,P)	Type of requirements (Institution, College, or Program)
Level 1	BIOL 106	General Biology	Required	-	4 (3,0,1)	Institution
	ARAB 101	Language Skills	Required	-	2 (2,0,0)	Institution
	ENGL 132	Reading	Required	-	3 (1,0,2)	Institution
	ENGL 133	Writing	Required	-	3 (1,0,2)	Institution
	CT 140	Computer Skills	Required	-	3 (2,0,1)	Institution
	MC 1400	Communication Skills	Required	-	2 (2,0,0)	Institution
Level 2	IC 101	Introduction to Islamic Culture	Required	-	2 (2,0,0)	Institution
	STAT 106	Biostatistics	Required	-	2 (1,0,1)	Institution
	PHYS 106	General Physics	Required	-	4 (3,0,1)	Institution
	CHEM 106	Organic Chemistry	Required	-	2 (1,0,1)	Institution
	ENGL 131	Listening / Speaking	Required	-	3 (2,0,1)	Institution
	ENGL 134	English for Medical Purposes	Required	-	3 (2,0,1)	Institution
Level 3	IC 102	Islam and the Construction of Society	Required	-	2 (2,0,0)	Institution
	ARAB 103	Expository Writing	Required	-	2 (2,0,0)	Institution
	RSMI 2110	Human Anatomy & Physiology-1	Required	BIOL 106	3 (2,0,1)	Department
	RSMI 2120	Math for Health Sciences	Required	-	2 (2,0,0)	Department
	RSMI 2130	Radiation Physics & Equipment	Required	PHY 106	4 (3,0,1)	Department
	RSMI 2140	Radiobiology and Radiation Protection	Required	-	2 (2,0,0)	Department
	RSMI 2230	Patient care & Pharmacology in Medical Imaging	Required	-	2 (2,0,0)	Department
Level 4	RSMI 2210	Human Anatomy & Physiology-2	Required	RSMI 2110	2 (2,0,0)	Department
	RSMI 2220	Radiographic Imaging & Processing	Required	RSMI 2130	3 (2,0,1)	Department
	RSMI 2310	Digital Imaging Systems	Required	-	3 (2,0,1)	Department
	RSMI 2320	Radiographic Procedures-1	Required	RSMI 2110	4 (3,0,1)	Department
	RSMI 3110	Radiographic Anatomy	Required	RSMI 2110	3 (2,0,1)	Department
	IC 103	The Islamic Economy	Required	-	2 (2,0,0)	Institution



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Level 5	RSMI 3120	Radiographic Procedures-2	Required	RSMI 2320	3 (2,0,1)	Department	
	RSMI 3130	Fundamental Physics of MRI	Required	RSMI 2130	3 (2,0,1)	Department	
	RSMI 3140	Clinical Practice-1	Required	RSMI 2320	4 (1,3,0)	Department	
	RSMI 3220	Radiographic Pathology	Required	RSMI 3110	2 (2,0,0)	Department	
	RSMI 3230	CT Physics & Technique	Required	RSMI 2130	3 (2,0,1)	Department	
	IC 108	Medical jurisprudence	Required	-	2 (2,0,0)	Institution	
Level 6	RSMI 2330	Sectional Anatomy	Required	RSMI 2210	2 (2,0,0)	Department	
	RSMI 3210	Administration in Radiology Department	Required	-	2 (2,0,0)	Department	
	RSMI 3240	Ultrasound Physics & Technique	Required	RSMI 2130	3 (2,0,1)	Department	
	RSMI 3320	NM Physics & Technique	Required	RSMI 2130	3 (2,0,1)	Department	
	RSMI 3330	Pathology in Medical Imaging	Required	-	2 (2,0,0)	Department	
	RSMI 3340	Clinical Practice-2	Required	RSMI 3140	3 (1,2,0)	Department	
	RSMI 4110	Research Methodology	Required	-	2 (2,0,0)	Department	
Level 7	Sectional Imaging	RSMI 3310	Quality Management	Required	RSMI 3210	2 (2,0,0)	Department
		RSSI 4110	Computed Tomography Procedures-1	Required	RSMI 3230	3 (2,0,1)	Track
		RSSI 4120	MR clinical applications	Required	RSMI 3130	3 (2,0,1)	Track
		RSMI 4210	Graduation Project-1	Required	RSMI 4110	2 (1,0,1)	Department
		RSSI 4220	Magnetic Resonance Imaging Procedures-1	Required	RSSI 3130	3 (2,0,1)	Track
		RSSI 4230	Sectional Imaging Clinical Practice-1	Required	-	4 (1,3,0)	Track



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Level 8	Diagnostic Medical Sonography	Quality Management	Required	RSMI 3210	2 (2,0,0)	Department
		Abdominal Sonography-1	Required	RSMS 4110	3 (2,0,1)	Track
		OB/Gyn Sonography-1	Required	RSMI 3240	2 (1,0,1)	Track
		Small Parts & Interventional Sonography	Required	RSMI 3240	3 (2,0,1)	Track
		Diagnostic Medical Sonography Clinical Practice-1	Required	-	4 (1,3,0)	Track
		Graduation Project-1	Required	RSMI 4110	2 (1,0,1)	Department
Level 8	Sectional Imaging	Graduation Project-2	Required	RSMI 4210	2 (1,0,1)	Department
		Computed Tomography Procedures-2	Required	RSSI 4110	3 (2,0,1)	Track
		Magnetic Resonance Imaging Procedures-2	Required	RSSI 4220	3 (2,0,1)	Track
		Sectional Imaging Clinical Practice-2	Required	RSSI 4230	4 (1,3,0)	Track
		Department Elective Course	Elective	-	2 (2,0,0)	Department
		College Elective Course	Elective	-	2 (2,0,0)	College
Level 8	Diagnostic Medical Sonography	Graduation Project-2	Required	RSMI 4210	2 (1,0,1)	Department
		Abdominal Sonography-2	Required	RSMS 4110	3 (2,0,1)	Track
		Vascular & Cardiac Sonography	Required	RSMS 4130	3 (2,0,1)	Track
		Diagnostic Medical Sonography Clinical Practice-2	Required	RSMS 4210	3 (0,3,0)	Track
		Department Elective Course	Elective	-	2 (2,0,0)	Department
		Department Elective Course	Elective	-	2 (2,0,0)	Department
Level 8	Diagnostic Medical Sonography	College Elective Course	Elective	-	2 (2,0,0)	College

Credit Hours: T(L,C,P) ..... T: Total, L: Lecture, C: Clinical, P: Practical

Kingdom of Saudi Arabia

Ministry of Education

Prince Sattam Bin Abdulaziz University



جامعة الأمير سطام بن عبدالعزيز  
PRINCE SATTAM BIN ABDULAZIZ UNIVERSITY

المملكة العربية السعودية

وزارة التعليم

جامعة الأمير سطام بن عبدالعزيز

**#Elective courses:**

E1 & E2	EC For
RSNM 4002 - Nuclear Medicine Procedures	4200 CAMS - Emergency Care
RSNM 4003 - Radionuclide Therapy	4201 CAMS - Medical Ethics
RSSI 4003 - Advances in MRI technology	---
RSMS 4230- Musculoskeletal Sonography	---