

Kingdom of Saudi Arabia
Ministry of Education
Prince Sattam Bin Abdulaziz University
College of Applied Medical Sciences - Alkharj



المملكة العربية السعودية
وزارة التعليم
جامعة الأمير سطام بن عبد العزيز
كلية العلوم الطبية التطبيقية بالخرج

Study Plan of Radiological Sciences and Medical Imaging Program

Year/ level	Course Code	Course Title	Required or Elective	Credit Hours	College or Department
1 st Year/ 1 st Level	ARAB 101	Language Skills	Required	2	College of Education
	ENGL 132	English: Reading	Required	2	Deanship of Preparatory Year
	ENGL 133	English: Writing	Required	2	
	BIOL 106	General Biology	Required	4	
	CT 140	IT Skills	Required	3	
	MC 1400	Communication Skills	Required	2	
1 st Year/ 2 nd Level	IC 101	Introduction to Islamic Culture	Required	2	College of Education
	STAT 106	Biostatistics	Required	2	Deanship of Preparatory Year
	CHEM 106	Organic Chemistry for Health Sciences	Required	2	
	PHYS 106	General Physics	Required	4	
	ENGL 131	English: Listening & Speaking	Required	2	
	ENGL 134	English for Health Sciences	Required	3	
2 nd year/ 3 rd Level	IC 102	Islam and the Construction of Society	Required	2	College of Education
	ARAB 103	Expository Writing	Required	2	Radiology and Medical Imaging Department
	CAMS 231	Human Anatomy & Physiology	Required	4	
	CAMS 232	Math for Health Sciences	Required	2	
	CAMS 234	Healthcare Emergency	Required	2	
	CAMS 235	Introduction to Pathology	Required	2	
	CAMS 236	Introduction to Applied Medical Sciences	Required	2	
2 nd year/ 4 th Level	IC 103	Economic System in Islam	Required	2	College of Education
	RSMI 241	Introduction to Medical Imaging	Required	2	Radiology and Medical Imaging Department
	RSMI 242	Methods of Patients Care	Required	3	
	RSMI 243	Radiographic Anatomy & Physiology-1	Required	3	
	RSMI 244	Radiation Physics & Equipment	Required	3	
	RSMI 245	Principles of Image Formation	Required	3	
3 rd year/ 5 th Level	IC 104	Fundamentals of Political System in Islam	Required	2	College of Education
	RSMI 351	Radiographic Anatomy & Physiology-2	Required	3	Radiology and Medical Imaging Department
	RSMI 352	Radiation Biology and Protection	Required	2	
	RSMI 353	Radiographic Procedure-1	Required	4	
	RSMI 354	Digital Imaging System	Required	3	
	RSMI 355	Pharmacology in Radiographical Imaging	Required	2	
3 rd year/ 6 th Level	RSMI 361	Sectional Anatomy	Required	3	Radiology and Medical Imaging Department
	RSMI 362	Radiographic Procedure-2	Required	4	
	RSMI 363	Radiographic Pathology	Required	2	
	RSMI 364	Image Critique	Required	3	
	RSMI 365	Clinical Practice-1	Required	4	
4 th year/ 7 th Level	RSMI 471	Radiographic Procedure-3	Required	3	Radiology and Medical Imaging Department
	RSMI 472	Clinical Practice-2	Required	4	
	RSSI 471	Computed Tomography Physics & Instrumentation	Required	3	
	RSSI 472	Magnetic Resonance Physics & Instrumentation	Required	3	
	RSSI 473	Pathology in CT and MRI	Required	3	
4 th year/ 8 th Level	RSMI 481	Administration of Medical Imaging Department	Required	2	Radiology and Medical Imaging Department
	RSMI 482	Research Methodology	Required	2	
	RSSI 481	Computed Tomography Procedure-1	Required	3	
	RSSI 482	Magnetic Resonance Imaging Procedure-1	Required	3	
	RSSI 483	Sectional imaging Clinical Practice-1	Required	4	
5 th year/ 9 th Level	RSMI 491	Quality Management	Required	2	Radiology and Medical Imaging Department
	RSMI 492	Research Project	Required	2	
	RSSI 491	Computed Tomography Procedure-2	Required	3	
	RSSI 492	Magnetic Resonance Imaging Procedure-2	Required	3	
	RSSI 493	Sectional Imaging Clinical Practice-2	Required	6	