

RSMI Program Plan of Study

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

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

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	Diagnostic Medical Sonography	RSMI 3310	Quality Management	Required	RSMI 3210	2	Department
		RSMS 4110	Abdominal Sonography-1	Required	RSMI 3240	3	Track
		RSMS 4120	OB/Gyn Sonography-1	Required	RSMI 3240	2	Track
		RSMS 4130	Small Parts & Interventional Sonography	Required	RSMI 3240	3	Track
		RSMS 4210	Diagnostic Medical Sonography Clinical Practice-1	Required	-	4	Track
		RSMI 4210	Graduation Project-1	Required	RSMI 4110	2	Department
Level 8	Sectional Imaging	RSMI 4310	Graduation Project-2	Required	RSMI 4210	2	Department
		RSSI 4310	Computed Tomography Procedures-2	Required	RSSI 4110	3	Track
		RSSI 4320	Magnetic Resonance Imaging Procedures-2	Required	RSSI 4220	3	Track
		RSSI 4330	Sectional Imaging Clinical Practice-2	Required	RSSI 4230	4	Track
		E1#	Department Elective Course	Elective	-	2	Department
		EC#	College Elective Course	Elective	-	2	College

Level	Course Code		Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College, or Program)
	Diagnostic Medical Sonography	RSMI 4310	Graduation Project-2	Required	RSMI 4210	2	Department
		RSMS 4310	Abdominal Sonography-2	Required	RSMS 4110	3	Track
		RSMS 4320	Vascular & Cardiac Sonography	Required	RSMS 4130	3	Track
		RSMS 4330	Diagnostic Medical Sonography Clinical Practice-2	Required	RSMS 4210	3	Track
		E1#	Department Elective Course	Elective	-	2	Department
		E2#	Department Elective Course	Elective	-	2	Department
		EC#	College Elective Course	Elective	-	2	College

#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	---