

Radiological & Imaging Sciences (Courses-Only Option)

Program

College of Medicine

MRS

Aims to prepare and train lecturers in undergraduate and technical supervisors, managers of radiologic and imaging services. Students in this track; in addition to, their training in the advanced sciences and practices of medical radiologic and imaging clinical services, will receive practical training in pedagogical practices, teaching and learning, outcomes assessment, and academic programmatic accreditation. Also, will Prepares at free standing imaging centres, hospitals and/or major medical centres. The focus is on technical management and educations of imaging and related services quality assurances, including clinical service accreditation by the ABR and other comparable accreditation organizations.

Curriculum (Courses-Only Option)

Credit Hours required for a Masters of Radiological & Imaging Sciences

Type of Courses	Compulsory	Elective	Total
Core	24	-	24
Subject	12	-	12
Research/Capstone Project	6	-	6
Total	42	-	42

Core Courses

Item #	Title	Credits
REC 502	Biostatistics	3
MRS 502	Radiological Research	3
MRS 503	Ethics in Radiology	2
MRS 504	Radiological and Imaging Sciences I	3
MRS 505	Radiological and Imaging Sciences II	3
MRS 506	Topics in Medical Imaging	3
MRS 507	Topics in Radiation Therapy	3
MRS 508	Topics in Nuclear Medicine	3
MRS 509	RIS Seminar	1

Subject Courses

Item #	Title	Credits
MRS 510	Academic Program Management	3
MRS 511	Faculty Development	3
MRS 512	RIS Instruction & Assessment	3
MRS 513	RIS Academic Program Accreditation	3
MRS 514	Radiologic Financial Management	3
MRS 515	Personnel Management in Radiology	3
MRS 516	Clinical Accreditation & QM	3
MRS 517	Professional Development	3

Res/Capstone Project

Item #	Title	Credits
MRS 601	Research/Capstone Project	6
		42

Semester 1

Item #	Title	Credits
REC 502	Biostatistics	3
MRS 502	Radiological Research	3
MRS 504	Radiological and Imaging Sciences I	3
MRS 505	Radiological and Imaging Sciences II	3

Semester 2

Item #	Title	Credits
MRS 503	Ethics in Radiology	2
MRS 506	Topics in Medical Imaging	3
MRS 507	Topics in Radiation Therapy	3
MRS 508	Topics in Nuclear Medicine	3
MRS 509	RIS Seminar	1

Semester 3

Item #	Title	Credits
MRS 510	Academic Program Management	3
MRS 511	Faculty Development	3
MRS 517	Professional Development	3

Semester 4

Item #	Title	Credits
MRS 516	Clinical Accreditation & QM	3
MRS 601	Research/Capstone Project	6