

RMI study plan (137 credit) 2019/2020

YEAR	Semester 1							Semester 2							Semester 3						
	Course Name	Code	CrHrs	Contact Hrs.	Pre-requisite	Co-requisite	Course Type	Course Name	Code	CrHrs	Contact Hrs.	Pre-requisite	Co-requisite	Course Type	Course Name	Code	CrHrs	Contact Hrs.	Pre-requisite	Co-requisite	Course Type
YEAR 1	Academic Writing 1	GRD 161	2	3	NA	NA	Theory	Academic writing 2	GRD 261	2	3	GRD 161	NA	Theory	Chemistry	GRD 141	3	7.5	NA	GRD 142	Theory
	Biology	GRD 101	3	3	NA	GRD 102	Theory	Anatomy and Physiology A	GRD 111	3	3	GRD 101	GRD 112	Theory	Chemistry Lab	GRD 142	1	5	NA	GRD 141	Lab
	Biology Lab	GRD 102	1	2	NA	GRD 101	Lab	Anatomy and Physiology Lab A	GRD 112	1	2	NA	GRD 111	Lab	Introduction to radiography & medical imaging	RMI 111	2	5	NA	NA	Theory
	College elective course 1	CER	3	3	NA	NA	Theory	Calculus for Health Sciences	GRD 151	3	3	NA	NA	Theory							
	Physics	GRD 144	3	3	NA	GRD 145	Theory	Introduction to Psychology	GRD 171	3	3	NA	NA	Theory							
	Physics Lab	GRD 145	1	2	NA	GRD 144	Lab	First Year Seminar	GRD 100	0	1	NA	NA	Theory							
	Islamic Culture	GRD 271	3	3	NA	NA	Theory	Introduction to Research and Biostatistics	GRD 251	3	3	NA	NA	Theory							
Total			16.0	19.0				Total		15.0	18.0			Total		6.0	17.5				
YEAR 2	Anatomy and Physiology B	GRD 121	3	3	GRD 111	GRD 122	Theory	Radiographic anatomy & positioning 2	RMI 223	3	3	RMI 221	RMI 224	Theory	Radiography and contrast imaging	RMI 226	2	5	RMI 223	RMI 227	Theory
	Anatomy and Physiology Lab B	GRD 122	1	2	GRD 112	GRD 121	Lab	Radiographic anatomy & positioning 2 Lab	RMI 224	1	2	NA	RMI 223	Lab	Radiography and contrast imaging lab	RMI 227	1	5	NA	RMI 226	Lab
	Radiobiology & protection	RMI 212	3	3	RMI 111	NA	Theory	Mammographic imaging	RMI 225	2	2	NA	NA	Theory	College elective course 2	CER	3	7.5	NA	NA	Theory
	Radiographic anatomy & positioning 1	RMI 221	3	3	GRD 111	RMI 222	Theory	Digital image processing and analysis	RMI 215	2	2	RMI 213	RMI 216	Theory							
	Radiographic anatomy & positioning 1 Lab	RMI 222	1	2	NA	RMI 221	Lab	Digital image processing and analysis Lab	RMI 216	1	2	NA	RMI 215	Lab							
	Principles of medical imaging	RMI 213	3	3	RMI 111	RMI 214	Theory	Pre-clinical placement 1	RMI 261	3	9	RMI 221	NA	Clinical							
	Principles of medical imaging Lab	RMI 214	1	2	NA	RMI 213	Lab	Patient care in Radiography	RMI 241	2	2	RMI 212	NA	Theory							
Total			15.0	18.0			Total		14.0	22.0			Total		6.0	17.5					
YEAR 3	Research methodology	GRD 361	3	3	GRD 261 GRD 251	NA	Theory	Magnetic Resonance Imaging	RMI 335	3.0	3.0	RMI 213	RMI 336	Theory	Radiographic pathology interpretation	RMI 342	2.0	5.0	RMI 223	RMI 343	Theory
	Angiographic and interventional procedures	RMI 331	3	3	RMI 226	RMI 332	Theory	Magnetic Resonance Imaging Lab	RMI 336	1.0	2.0	NA	RMI 335	Lab	Radiographic pathology interpretation Lab	RMI 343	1.0	5.0	NA	RMI 342	Lab
	Angiographic and interventional procedures Lab	RMI 332	1	2	NA	RMI 331	Lab	Computed tomography imaging	RMI 337	3.0	3.0	RMI 215	RMI 338	Theory	Innovation and Entrepreneurship	GRD 301	3.0	7.5	GRD 261	NA	Theory
	Ultrasound imaging	RMI 333	3	3	RMI 223	RMI 334	Theory	Computed tomography imaging Lab	RMI 338	1.0	2.0	NA	RMI 337	Lab							
	Ultrasound imaging Lab	RMI 334	1	2	NA	RMI 333	Lab	Nuclear medicine imaging	RMI 339	3.0	3.0	RMI 212	NA	Theory							
	CP2	RMI 362	3	9	RMI 261	NA	Clinical		RMI 363	3.0	9.0	RMI 362	NA	Clinical							
	Total			14.0	22.0			Higher Diploma degree exit with 100 credit hours: (Y1+Y2+Y3)							Total		6.0	17.5			
YEAR 4	Sectional imaging anatomy	RMI 444	2	2	RMI 337	RMI 445	Theory	Major elective course2	MER	2	2	TBA	NA	Theory	Research project	RMI 471	3	7.5	GRD 361	NA	Theory
	Sectional imaging anatomy lab	RMI 445	1	2	NA	RMI 444	Lab	CP5A	RMI 466	3	9	RMI 465	RMI 467 RMI 468 RMI 469	Clinical							
	Quality management for medical imaging	RMI 417	2	2	RMI 213	RMI 418	Theory	CP5B	RMI 467	3	9	RMI 465	RMI 466 RMI 467 RMI 469	Clinical							
	Quality management for medical imaging Lab	RMI 418	1	2	NA	RMI 417	Lab	CP5C	RMI 468	3	9	RMI 465	RMI 466 RMI 467 RMI 469	Clinical							
	Major elective course1	MER	2	2	TBA	NA	Theory	CP5D	RMI 469	3	9	RMI 465	RMI 466 RMI 467 RMI 468	Clinical							
	CP4A	RMI 464	3	9	RMI 363	RMI 465	Clinical														
	CP4B	RMI 465	3	9	RMI 363	RMI 464	Clinical														
Total			14.0	28.0			Total		14.0	38.0			Total		3.0	7.5				Bachelor degree exit with 137 credit hours: (Y1+Y2+Y3+Y4)	

Major elective course: student is required to register 2 courses	CODE	Pre-requisite	Credits
Advanced topics in Ultrasound	RMI 451	RMI 333	2
Advanced topics in CT	RMI 452	RMI 337	2
Advanced topics in MRI	RMI 453	RMI 335	2

College Elective Courses: student is required to register 2 courses	CODE	credits
Astronomy	GRD 560	3
Science and Technology	GRD 570	3
Health Informatics	GRD 540	3
Health and Nutrition	GRD 550	3
Personal and Professional Development	PTY 500	3
First Aid and Safety	NUR 520	3
Communication Skills for Healthcare Professionals	EMS 530	3