

**B.M.Sc. IN MEDICAL IMAGING**  
**EMORY UNIVERSITY**  
**Course Sequence**

<b>SEMESTER</b>	<b>NUMBER</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
<b>I - FALL</b>	MI 201	INTRODUCTION TO MEDICAL IMAGING	2
	MI 203	MEDICAL TERMINOLOGY	1
	MI 211a	PATIENT CARE	3
	MI 213a	MEDICAL IMAGING PROCEDURES	2
	MI 221a	ANATOMY & PHYSIOLOGY	3
	MI 261a	CLINICAL CLERKSHIP	2
	MI 327	COMPUTER APPLICATIONS IN MEDICAL IMAGING	1
			<b>14 hours</b>
<b>II - SPRING</b>	MI 211b	PATIENT CARE	3
	MI 213b	MEDICAL IMAGING PROCEDURES	3
	MI 221b	ANATOMY & PHYSIOLOGY	3
	MI 261b	CLINICAL CLERKSHIP	4
	MI 321a	PHYSICAL PRINCIPLES OF IMAGING	3
		<b>16 hours</b>	
<b>III - SUMMER</b>	MI 213c	MEDICAL IMAGING PROCEDURES	3
	MI 321b	PHYSICAL PRINCIPLES OF IMAGING	3
	MI 323	MEDICAL IMAGING SAFETY	2
	MI 325a	PRINCIPLES OF RADIOGRAPHIC TECHNIQUE	3
	MI 361a	CLINICAL INTERNSHIP	4
		<b>15 hours</b>	
<b>IV - FALL</b>	MI 213d	MEDICAL IMAGING PROCEDURES	3
	MI 221c	ANATOMY & PHYSIOLOGY	3
	MI 325b	PRINCIPLES OF RADIOGRAPHIC TECHNIQUE	3
	MI 361b	CLINICAL INTERNSHIP	4
	MI 390r	MEDICAL IMAGING SEMINAR	1
		<b>14 hours</b>	
<b>V - SPRING</b>	MI 211c	PATIENT CARE	3
	MI 213e	MEDICAL IMAGING PROCEDURES	2
	MI 329	IMAGE PROCESSING TECHNIQUE	2
	MI 361c	CLINICAL INTERNSHIP	4
	MI 390r	MEDICAL IMAGING SEMINAR	1
	MI 421	IMAGING EQUIPMENT	3
		<b>15 hours</b>	
<b>VI - SUMMER</b>	MI 301	SURVEY OF MEDICAL AND SURGICAL DISEASES	3
	MI 411	PHARMACOLOGY	2
	MI 461a	CLINICAL PRACTICUM	4
<b>(ADM. MINOR)</b>	MI 430	PRINCIPLES OF MANAGEMENT	3
	MI 431	BUSINESS COMMUNICATION	3
	MI 463a	MANAGEMENT PRACTICUM	2
<b>(ED. MINOR)</b>	MI 440	INTRODUCTION TO MEDICAL IMAGING EDUCATION	3
	MI 441	METHODS AND MATERIALS OF TEACHING	3
<b>(CT MINOR)</b>	MI 450	CT PHYSICS AND INSTRUMENTATION	3
	MI 451a	CT PROCEDURES	2
	MI 465a	CT PRACTICUM	2

<b>(MRI MINOR)</b>	MI 453a	MRI PHYSICS AND INSTRUMENTATION	2
	MI 455a	MRI PROCEDURES	2
	MI 467a	MRI PRACTICUM	2
			<b>15-17 hours</b>
<b>VII - FALL</b>	<b>MI 423</b>	<b>BASIC RADIATION BIOLOGY</b>	2
	<b>MI 425</b>	<b>QUALITY CONTROL</b>	2
	<b>MI 461b</b>	<b>CLINICAL PRACTICUM</b>	4
	<b>MI 497r</b>	<b>DIRECTED STUDY</b>	2
<b>(ADM. MINOR)</b>	MI 433	ORGANIZATIONAL BEHAVIOR	3
	MI 435	HOSPITAL ORGANIZATION AND PERSONNEL MANAGEMENT	3
	MI 463b	MANAGEMENT PRACTICUM	2
<b>(ED. MINOR)</b>	MI 443r	PRACTICE TEACHING (CLINICAL)	3
	MI 445r	PRACTICE TEACHING (DIDACTIC)	2
<b>(CT MINOR)</b>	MI 451b	CT PROCEDURES	2
	MI 465b	CT PRACTICUM	3
<b>(MRI MINOR)</b>	MI 453b	MRI PHYSICS AND INSTRUMENTATION	2
	MI 455b	MRI PROCEDURES	2
	MI 467b	MRI PRACTICUM	3
			<b>15-18 hours</b>
<b>VIII - SPRING</b>	<b>MI 427</b>	<b>EVALUATION &amp; MEASUREMENT</b>	3
	<b>MI 461c</b>	<b>CLINICAL PRACTICUM</b>	4
	<b>MI 496r</b>	<b>INDEPENDENT STUDY</b>	2
<b>(ADM. MINOR)</b>	MI 437	HEALTHCARE FINANCE	3
	MI 439	MARKETING	3
	MI 463c	MANAGEMENT PRACTICUM	2
<b>(ED. MINOR)</b>	MI 447	ADMINISTRATION OF MEDICAL IMAGING PROGRAMS	3
	MI 443r	PRACTICE TEACHING (CLINICAL)	2
	MI 445r	PRACTICE TEACHING (DIDACTIC)	3
<b>(CT MINOR)</b>	MR 451c	CT PROCEDURES	2
	MR 465c	CT PRACTICUM	4
<b>(MRI MINOR)</b>	MI 453c	MRI PHYSICS AND INSTRUMENTATION	2
	MI 455c	MRI PROCEDURES	2
	MI 467c	MRI PRACTICUM	4
			<b>15-17 hours</b>

\* Courses in "BOLD" are taken by all students.