



Medical Imaging

Courses during the first 2 years include general education and pre-clinical courses (same for all modalities).

Medical terminology is recommended during semester 1 or before BIOL 201 & 202.

Medical Terminology	HSCI 105	
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General Education Courses		
Course Name	Course Number	Semester / Grade
Math competency	MATH 010 / placement	
First year writing	FYW 100	
First year seminar	FYS 100	
Connections		
Arts - Visual & Performing		
History or Philosophy		
Literature or Language		
Social & Behavioral Science		
Natural Science	BIOL 201 & BIOL 202	see pre-clinical
Mathematics	MATH 209/ MATH 240	see pre-clinical

Pre-clinical Courses		
Course Name	Course Number	Semester / Grade
Anatomy & Physiology 1 - lecture	BIOL 201	
Anatomy & Physiology 1 - lab	BIOL 202	
Anatomy & Physiology 2 - lecture	BIOL 203	
Anatomy & Physiology 2 - lab	BIOL 204	
General, Organic & Biological Chemistry	CHEM 105	
Pre-Calculus or Statistics	MATH 209/ MATH 240	
Introductory Physics	PHYS 110	
Orientation to Medical Imaging	MEDI 201	

Applying for the clinical program

1. Applications open April 1 and close May 15 yearly -- the application is through MyRIC and requires a personal statement identifying the modalities that the student is applying to (practice in MEDI 201).
2. Grades in preclinical required courses **count towards the ranking into each modality.**
3. Total GPA for all courses needs to be 2.7 or higher.
4. Complete TEAS test, score higher than 60th percentile (test taken during MEDI 201 course).
5. Students should complete all general education courses (must total 40 credits).
6. Overall GPA isn't a factor in the admission process so long it is higher than 2.7

Diagnostic Medical Sonography

Clinical Courses

MEDI 203 Introduction to Medical Imaging	Fall of Year 3	3	
MEDI 205 Medical Terminology in Medical Imaging		1	
MEDI 255 Patient Care in Medical Imaging		3	
MEDI 308 Professional Behavior in Medical Imaging		3	
DMS 305 Foundations of DMS		3	13
DMS 306 Sonographic Physics and Instrumentation		4	
DMS 308 Abdominal and Small Parts Sonography		5	
DMS 309 DMS Clinical Education I		3	12
DMS 312 Sonographic Women's Imaging	Summer of Year 3	4	
DMS 313 DMS Clinical Education II		5	9
DMS 431 Obstetrical Sonography		4	
DMS 432 Vascular Sonography	Fall of Year 4	4	
DMS 433 DMS Clinical Education III		4	12
DMS 434 Advanced Procedures in DMS		3	
DMS 435 DMS Registry Review	Spring of Year 4	3	
DMS 436 DMS Clinical Education IV		3	
MEDI 463 Senior Seminar in Medical Imaging		4	13
Clinical course credits		59	

Magnetic Resonance Imaging Clinical Program

Clinical Courses

MEDI 203 Introduction to Medical Imaging	Fall of Year 3	3	
MEDI 205 Medical Terminology in Medical Imaging		1	
MEDI 255 Patient Care in Medical Imaging		3	
MEDI 308 Professional Behavior in Medical Imaging		3	
MEDI 309 Sectional Anatomy in Medical Imaging		3	13
MRI 302 Foundations of MRI		3	
MRI 303 MRI Imaging Procedures I	Spring of Year 3	3	
MRI 304 MRI Physical Principles I		4	
MRI 305 MRI Clinical Education I		3	13
MRI 306 MRI Imaging Procedures II	Summer of Year 3	3	
MRI 307 MRI Clinical Education II		5	8
MRI 431 MRI Physical Principles II		4	
MRI 432 MRI Clinical Education III	Fall of Year 4	5	
MEDI 410 Pathology in Medical Imaging		3	12
MRI 433 Advanced Procedures in MRI		3	
MRI 434 MRI Registry Review	Spring of Year 4	3	
MRI 435 MRI Clinical Education IV		3	
MEDI 463 Senior Seminar in Medical Imaging		4	13
Clinical course credits		59	

Nuclear Medicine Technology

Clinical Courses

MEDI 203 Introduction to Medical Imaging		3	
MEDI 205 Medical Terminology in Medical Imaging	Fall of Year 3	1	
MEDI 255 Patient Care in Medical Imaging		3	
MEDI 308 Professional Behavior in Medical Imaging		3	
MEDI 309 Sectional Anatomy in Medical Imaging		3	13
NMT 302 Foundations of NMT		3	
NMT 303 Nuclear Medicine Procedures I	Spring of Year 3	3	
NMT 304 NMT Radiation Safety and Radiobiology		3	
NMT 336 NMT Clinical Education I		3	12
NMT 306 Nuclear Medicine Procedures II and Therapeutics		3	3
NMT 337 NMT Clinical Education II	Summer of Year 3	5	8
NMT 433 Radiopharmaceuticals in Nuclear Medicine		3	
NMT 434 NMT Radiation Physics and Advanced Instrumentation	Fall of Year 4	3	
NMT 436 NMT Clinical Education III		5	
MEDI 410 Pathology in Medical Imaging		3	14
NMT 435 NMT Registry Review		3	
NMT 437 NMT Clinical Education IV	Spring of Year 4	4	
MEDI 463 Senior Seminar in Medical Imaging		3	
CTSC 300 Principles of Computed Tomography		2	
CTSC 301 CT Physics and Radiation Protection		2	14
Clinical course credits		61	

Radiologic Technology

Clinical Program

MEDI 203 Introduction to Medical Imaging		3	
MEDI 205 Medical Terminology in Medical Imaging	Fall of Year 3	1	
MEDI 255 Patient Care in Medical Imaging		3	
MEDI 308 Professional Behavior in Medical Imaging		3	
MEDI 309 Sectional Anatomy in Medical Imaging		3	13
RAD 331 Foundations of Radiography		3	
RAD 332 Radiographic Procedures I	Spring of Year 3	3	
RAD 333 Principles of Radiography		4	
RAD 334 RAD Clinical Education I		3	13
RAD 335 Radiographic Procedures II		3	
RAD 336 Radiation Physics	Summer of Year 3	3	
RAD 338 RAD Clinical Education II		5	11
RAD 462 RAD Radiobiology		4	
RAD 463 RAD Clinical Education III	Fall of Year 4	5	
MEDI 410 Pathology in Medical Imaging		3	12
RAD 464 Advanced Procedures in Radiography		3	
RAD 465 RAD Registry Review	Spring of Year 4	3	
RAD 466 RAD Clinical Education IV		4	
MEDI 463 Senior Seminar in Medical Imaging		3	13
Clinical course credits		62	