



## 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	
---------------------	----------	--

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 60<sup>th</sup> 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
<b>Clinical course credits</b>			<b>59</b>

## 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
<b>Clinical course credits</b>			<b>59</b>

## 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
<b>Clinical course credits</b>			<b>61</b>

## 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
<b>Clinical course credits</b>			<b>62</b>