### DMI 101 Introduction to Medical Imaging

1 cr. Undergraduate.

*Introduction to Diagnostic Medical Imaging modalities with a special emphasis on Radiologic Technology and Diagnostic Medical Sonography.*

**Prerequisites:** none.

**Course Rules:** Counts as repeat of BMS 290 with similar topic.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 306 Imaging Procedures I

5 cr. Undergraduate.

*Radiographic anatomy and procedures related to upper and lower extremities, chest, abdomen, and barium studies. Pediatric imaging is discussed.*

**Prerequisites:** jr st, BioMed Sci prog or cons instr.

**Last Taught:** Summer 2018, Fall 2017, Summer 2017, Fall 2016.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 307 Seminar in Radiography I

3 cr. Undergraduate.

*Basic concepts of patient care, including consideration for the cultural, physical and psychological needs of the patient and family.*

**Prerequisites:** jr st, BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Fall 2017, Spring 2017, Fall 2016.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 308 Imaging Procedures II

5 cr. Undergraduate.

*Radiographic anatomy and procedures for the bony thorax, vertebral column, and iodinated studies will be covered. Pediatric imaging for each procedure will be discussed.*

**Prerequisites:** jr st, BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Fall 2017, Spring 2017, Fall 2016.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 309 Imaging Procedures III

3 cr. Undergraduate.

*Radiographic anatomy and procedures for the cranium and facial bones; pediatric imaging for each procedure will be discussed.*

**Prerequisites:** none.

**Last Taught:** Summer 2018, Spring 2018, Summer 2017, Spring 2017.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 310 Introduction to Sonography

3 cr. Undergraduate.

*Introduction to Diagnostic Medical Sonography with an overview of basic terminology, techniques, and equipment.*

**Prerequisites:** jr st, BioMed Sci prog or cons instr.

**Last Taught:** Fall 2017, Fall 2016, Fall 2015, Fall 2014.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 311 Abdominal Sonography-I

3 cr. Undergraduate.

*Anatomy, physiology, pathology, and pathophysiology of the abdominal vessels and organs as they relate to sonography.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Fall 2017, Fall 2016, Fall 2015, Fall 2014.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 312 Abdominal Sonography-II

3 cr. Undergraduate.

*Anatomy, physiology, pathology, and pathophysiology of the kidneys and abdominal organs as they relate to sonography.*

**Prerequisites:** jr st BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Spring 2017, Spring 2016, Spring 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 313 Sonography Clinical Education I

3 cr. Undergraduate.

*Introduction to sonography scanning and development of clinical skills.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Fall 2017, Fall 2016, Fall 2015, Fall 2014.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 319 Abdominal Sonography III

2 cr. Undergraduate.

*Anatomy, physiology, pathology, and pathophysiology of the pelvis, intraoperative, and pediatric specialty exams as they relate to sonography.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Fall 2017, Fall 2016, Fall 2015, Spring 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 320 Obstetrics/Gynecology Sonography I

3 cr. Undergraduate.

*Normal gross, relational and sonographic anatomy of the female pelvic region. Physiology and related laboratory and clinical findings for disease processes are discussed.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Spring 2017, Spring 2016, Spring 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 321 Obstetrics/Gynecology Sonography II

3 cr. Undergraduate.

*Gravid uterus and fetal development. Gestational dating methods, embryology, and maternal and fetal anatomy.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Spring 2017, Spring 2016, Spring 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 322 Obstetrics/Gynecology Sonography III

3 cr. Undergraduate.

*Fetal anomalies, disease processes, and pathologies. Various fetal and maternal pathologies explained in sonographic terms.*

**Prerequisites:** jr st in Bio Med Sci prog or cons instr.

**Last Taught:** Summer 2018, Summer 2017, Summer 2016, Summer 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)

### DMI 323 Sonographic Principles and Instrumentation

3 cr. Undergraduate.

*Characteristics of sound and mechanism of sonographic image production and display. Potential biological effects. Safety and mathematical principles.*

**Prerequisites:** jr st in BioMed Sci prog or cons instr.

**Last Taught:** Spring 2018, Spring 2017, Spring 2016, Spring 2015.

**Current Offerings:** [http://uwm.edu/schedule](http://uwm.edu/schedule)
DMI 324 Sonography Clinical Education II  
3 cr. Undergraduate.  
Clinical practicum rotations including abdominal and OB/GYN imaging, and vascular technology.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 325 Specialized Sonography  
2 cr. Undergraduate.  
Embryology, structure, physiology, and pathology of the thyroid, breast, and testicle. Normal and abnormal gross, cross-sectional, and relational sonographic anatomy.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 326 Sonography Clinical Education III  
3 cr. Undergraduate.  
Clinical practicum rotations including abdominal and OB/GYN imaging, and vascular technology.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 327 Foundations of Sonography I  
2 cr. Undergraduate.  
Initial introduction to diagnostic medical sonography with an overview of basic terminology, techniques, and equipment.  
Prerequisites: jr st, BioMed Sci prog or cons instr.  
Last Taught: Summer 2017, Summer 2016, Summer 2015.  
Current Offerings: http://uwm.edu/schedule

DMI 328 Foundations of Sonography II  
1 cr. Undergraduate.  
Introduction to diagnostic medical sonography with an overview of basic techniques and equipment.  
Prerequisites: DMI 327(P); jr st, BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015.  
Current Offerings: http://uwm.edu/schedule

DMI 336 Cardiovascular Principles I  
4 cr. Undergraduate.  
Introduction to cardiac physiology, mechanical events, left ventricle function indicators, timing of mitral and aortic flow, auscultation, phonocardiography, hemodynamics and Doppler applications of echocardiography.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.  
Current Offerings: http://uwm.edu/schedule

DMI 337 Clinical Education I - Echocardiography  
3 cr. Undergraduate.  
Clinical practicum rotations including adult echocardiography.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.  
Current Offerings: http://uwm.edu/schedule

DMI 340 Embryology of the Cardiovascular System  
2 cr. Undergraduate.  
Development and developmental anomalies of the cardiovascular system.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 341 Adult Echocardiography - Valvular Pathology  
3 cr. Undergraduate.  
Introduction to cardiac pathology seen on echocardiograms in the adult population.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 342 Clinical Education II - Echocardiography  
3 cr. Undergraduate.  
Clinical practicum rotations including adult and pediatric echocardiography.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 343 Pediatric Echocardiography I  
3 cr. Undergraduate.  
Introduction to various types of congenital heart disease and pediatric cardiac procedures.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 344 Adult Echocardiography - Cardiomyopathies  
2 cr. Undergraduate.  
Cardiovascular disease and diagnostic cardiac procedures in the adult population.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 345 Pediatric Echocardiography II  
3 cr. Undergraduate.  
Clinical practicum which includes adult and pediatric echocardiography clinical rotations with focus on advanced adult competencies.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 346 Clinical Education III - Echocardiography  
3 cr. Undergraduate.  
Clinical practicum which includes adult and pediatric echocardiography.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 347 Clinical Education III - Echocardiography  
3 cr. Undergraduate.  
Clinical practicum which includes adult and pediatric echocardiography clinical rotations with focus on advanced adult competencies.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 350 Introduction to Radiologic Science and Healthcare  
2 cr. Undergraduate.  
Introduction to Radiologic Technology imaging principles and equipment. Basic concepts of patient care, emergency care, CPR, medical ethics, legal issues, and cultural diversity.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Last Taught: Summer 2018, Fall 2017, Summer 2017, Fall 2016.  
Current Offerings: http://uwm.edu/schedule
DMI 351 Radiation Protection
2 cr. Undergraduate.
All aspects of radiation protection including radiation safety, detection, and measurement relevant to Radiologic Technology.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 352 Human Structure & Function I
2 cr. Undergraduate.
Structure and physiology of the human body as they relate to radiography of the respiratory, digestive and urinary systems, and skeletal anatomy.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 353 Principles of Imaging I
2 cr. Undergraduate.
Radiographic qualities and factors influencing those qualities. X-ray tube, beam restricting devices, exposure factors, and effects on scatter radiation.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 354 Radiographic Procedures I
3 cr. Undergraduate.
Introduction to radiographic positioning of the chest, upper extremities, urinary and digestive systems. Pharmacology of contrast media.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 355 Radiography Clinical Education I
3 cr. Undergraduate.
Students rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 360 Radiation Biology
2 cr. Undergraduate.
Effects of radiation from the cellular level to the entire human body. Long and short term somatic effects and genetic effects.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 361 Human Structure & Function II
2 cr. Undergraduate.
Structure and physiology of the human body as they relate to radiography of the digestive and urinary systems and skeletal anatomy.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 362 Principles of Imaging II
3 cr. Undergraduate.
Radiographic qualities and the factors influencing those qualities. Systems and chemicals used in radiographic processing. Film and processor sensitometry.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 363 Radiographic Procedures II
3 cr. Undergraduate.
Introduction to radiographic positioning for lower extremities, spine, and digestive system. Students learn to identify anatomy on radiographs and evaluate them for acceptability.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 364 Radiography Clinical Education II
3 cr. Undergraduate.
Students rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 370 Human Structure & Function III
1 cr. Undergraduate.
Anatomy and physiology of the human body as they relate to the radiography of the skull, facial bone, and circulatory system.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 371 Radiographic Procedures III
2 cr. Undergraduate.
Basic concepts of advanced imaging, special procedures, and supplementary imaging modalities.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 372 Radiographic Clinical Education III
4 cr. Undergraduate.
Clinical Education allows students to rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 401 Seminar in Radiography II
2 cr. Undergraduate.
Evaluation of all aspects of the imaging system from processor to generator.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule
DMI 402 Introduction to MSK Sonography
1 cr. Undergraduate.
Study of anatomy (to include anatomic variants), physiology, pathophysiology and the sonographic appearance of the musculoskeletal system as evaluated by diagnostic medical sonography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Spring 2015.
Current Offerings: http://uwm.edu/schedule

DMI 435 Adult Echocardiography - Advanced Pathology
3 cr. Undergraduate.
Cardiovascular pharmacology and the potential effects of cardiac medications on echocardiographic images.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 436 Pediatric Echocardiography II
3 cr. Undergraduate.
Advanced instruction in various types of congenital heart disease and pediatric echocardiography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 437 Stress Echocardiography
3 cr. Undergraduate.
Indications, utility, limitations and technical procedures related to exercise stress echocardiography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 438 Clinical Education IV - Echocardiography
3 cr. Undergraduate.
Clinical practicum rotations including advanced adult and pediatric imaging of the heart with focus on advanced pediatric competencies.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 439 Clinical Education V - Echocardiography
4 cr. Undergraduate.
Clinical practicum rotations including exercise and pharmacological stress, echocardiograms and transesophageal echocardiograms.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 440 Clinical Education VI - Echocardiography
3 cr. Undergraduate.
Clinical practicum including advanced imaging in echocardiography techniques.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 441 Special Procedures in Echocardiography
3 cr. Undergraduate.
Indications, utility, limitations and technical procedures related to transesophageal echocardiography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 450 Vascular Sonography I
3 cr. Undergraduate.
Anatomy, physiology, pathology, and pathophysiology of the peripheral vascular subset of the cardiovascular system as it relates to sonography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

DMI 451 Vascular Sonography II
3 cr. Undergraduate.
Anatomy, physiology, pathology, and pathophysiology of the cerebrovascular subset of the cardiovascular system as it relates to sonography.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

DMI 452 Sonography Clinical Education IV
3 cr. Undergraduate.
Clinical practicum including abdominal and OB/GYN imaging, and vascular technology.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 453 Seminar in OB/GYN Sonography
3 cr. Undergraduate.
The role of ultrasound in assisting with treatment as it relates to women's reproductive health and prenatal care.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 454 Introduction to Fetal Echocardiography
3 cr. Undergraduate.
Echocardiographic examination of the fetal heart including normal anatomy and congenital heart disease.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 455 Vascular Sonography III
3 cr. Undergraduate.
Doppler principles, spectral display, hemodynamics of abdominal, transplant organ, and penile vascular techniques; vascular statistics.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Last Taught: Summer 2018, Fall 2017, Fall 2016, Fall 2015.
Current Offerings: http://uwm.edu/schedule
DMI 457 Sonography Clinical Education V  
4 cr. Undergraduate.  
Clinical practicum including abdominal and OB/GYN imaging, and vascular technology.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 458 Seminar in Advanced Medical Imaging  
3 cr. Undergraduate.  
Comparison of normal and pathological anatomy cases combining diagnostic medical sonography, computed sonography and magnetic resonance imaging.  
Prerequisites: junior standing in BioMedical Science program or consent of instructor.  
Current Offerings: http://uwm.edu/schedule

DMI 458X Seminar in Advanced Medical Imaging  
3 cr. Undergraduate.  
Comparison of normal and pathological anatomy cases combining diagnostic medical sonography, computed sonography and magnetic resonance imaging.  
Prerequisites: junior standing in BioMedical Science program or consent of instructor.  
Current Offerings: http://uwm.edu/schedule

DMI 460 Professional Development in Sonography - Seminar  
3 cr. Undergraduate.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 461 Sonography Clinical Education VI  
3 cr. Undergraduate.  
Clinical practicum including abdominal and OB/GYN imaging, and vascular technology.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 463 Seminar in Education and Management in Medical Imaging  
3 cr. Undergraduate.  
Problem solving of management issues relating to diagnostic medical sonography and exploring educational strategies employed in ultrasound education.  
Prerequisites: junior standing in BioMedical Science program or consent of instructor.  
Current Offerings: http://uwm.edu/schedule

DMI 463X Seminar in Education and Management in Medical Imaging  
3 cr. Undergraduate.  
Problem solving of management issues relating to diagnostic medical sonography and exploring educational strategies employed in ultrasound education.  
Prerequisites: junior standing in BioMedical Science program or consent of instructor.  
Current Offerings: http://uwm.edu/schedule

DMI 464 Introduction to Neurosonography  
3 cr. Undergraduate.  
Anatomy, physiology, pathology, pathophysiology and the sonographic appearance of the normal and abnormal fetal and neonatal brain.  
Prerequisites: jr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule

DMI 470 Radiographic Physics I  
2 cr. Undergraduate.  
Atomic and subatomic theories, electrical theory, interaction of x-rays with matter, production of radiation, equipment maintenance, x-ray circuits, tubes, and cooling charts.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.  
Current Offerings: http://uwm.edu/schedule

DMI 471 Digital Imaging  
3 cr. Undergraduate.  
Radiographic qualities and factors influencing those qualities. Principles of fluoroscopy, AEC, tomography, and other accessory equipment.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.  
Current Offerings: http://uwm.edu/schedule

DMI 473 Imaging Procedures IV  
2 cr. Undergraduate.  
Skull positioning advanced skills, special procedures, and supplementary imaging modalities.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.  
Current Offerings: http://uwm.edu/schedule

DMI 474 Radiography Clinical Education IV  
3 cr. Undergraduate.  
Students to rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.  
Current Offerings: http://uwm.edu/schedule

DMI 475 Radiographic Physics II  
2 cr. Undergraduate.  
Current concepts in quality assurance. The physics of advanced modalities. The physics of radiobiology and radiation protection.  
Prerequisites: sr st in BioMed Sci prog or cons instr.  
Current Offerings: http://uwm.edu/schedule
DMI 477 Cross Sectional Anatomy
3 cr. Undergraduate.
Structure and physiology of the human body as it appears in cross section. Diagrams, CT, and MRI images are utilized.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

DMI 478 Radiologic Pathology
3 cr. Undergraduate.
Changes that occur in disease and injury and their applications to radiography.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Last Taught: Spring 2018, Fall 2017, Spring 2017, Fall 2016.
Current Offerings: http://uwm.edu/schedule

DMI 479 Radiography Clinical Education V
3 cr. Undergraduate.
Students rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 482 Radiography Clinical Internship I
6 cr. Undergraduate.
600 hours of clinical experience. The student will begin surgical and evening rotations.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 483 Radiography Clinical Internship II
3 cr. Undergraduate.
Rotations through the Emergency Department, diagnostic area outpatient and orthopedic clinics, CT, MRI, and interventional radiology.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Last Taught: Fall 2017, Fall 2016, Fall 2015, Fall 2014.
Current Offerings: http://uwm.edu/schedule

DMI 484 Radiography Clinical Internship IV
1 cr. Undergraduate.
70 hours of clinical practice. Opportunity to rotate through any area of interest in a variety of imaging modalities.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 485 Professional Development in Radiography
2 cr. Undergraduate.
Federal regulations and legislation as they relate to the health care profession and radiology. Preparation for the certification exam.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 486 Radiography Clinical Education VI
4 cr. Undergraduate.
Students rotate through all aspects of the radiologic science field. A total of 65 competencies must be achieved in two years of clinical education.
Prerequisites: sr st in BioMed Sci prog or cons instr.
Current Offerings: http://uwm.edu/schedule

DMI 489 Radiography Clinical Internship III
4 cr. Undergraduate.
400 hours of clinical practice. Opportunity to rotate through any area of interest in a variety of imaging modalities.
Prerequisites: jr st in BioMed Sci prog or cons instr.
Course Rules: Counts as repeat of BMS 590 with similar topic.
Last Taught: Spring 2018.
Current Offerings: http://uwm.edu/schedule

DMI 496 Professional Growth and Career Advancement in Diagnostic Imaging Professions
3 cr. Undergraduate.
Exploration and discussion of volunteerism and leadership in professional associations, professional advocacy, emerging trends in certification, re-certification and career pathways related to career advancement.
Prerequisites: admis to BMS major; or cons instr.
Course Rules: Counts as repeat of BMS 590 w/ same topic.
Last Taught: Fall 2017.
Current Offerings: http://uwm.edu/schedule

DMI 496X Professional Growth and Career Advancement in Diagnostic Imaging Professions
3 cr. Undergraduate.
Exploration and discussion of volunteerism and leadership in professional associations, professional advocacy, emerging trends in certification, re-certification and career pathways related to career advancement.
Prerequisites: admis to BMS major; or cons instr.
Course Rules: Counts as repeat of BMS 590 w/ same topic.
Last Taught: Fall 2017.
Current Offerings: http://uwm.edu/schedule