

DIAGNOSTIC MEDICAL SONOGRAPHY

Degrees Offered

Bachelor of Medical Imaging & Therapeutic Sciences
Post-Baccalaureate Professional Certificate in Diagnostic Medical Sonography

Length of Program

The Diagnostic Medical Sonography program at UNMC offers two Specialty Track options (General or Cardiovascular). Each Track is 12 months in length and culminates in either a Bachelor of Science degree or a Post-Baccalaureate Certificate. All Tracks are designed to include approximately 10 hours of classroom education and 30 hours clinical education per week. The comprehensive, competency-based curriculum offers the student a variety of learning opportunities and clinical experiences to prepare them for a career as a Diagnostic Medical Sonographer.

Degree Requirements

Successful completion of a Specialty Track in the Diagnostic Medical Sonography program requires an average of 70% or above on all 40 semester hours of didactic and clinical courses unless specified otherwise in the syllabus.

A minimum total of 120 semester credit hours is required for the Bachelor of Science in Medical Imaging and Therapeutic Sciences degree. Completion of the 41 semester hours is required for the Post-Baccalaureate Professional Certificate in Diagnostic Medical Sonography.

Diagnostic Medical Sonography Website (<https://www.unmc.edu/alliedhealth/academics/programs/dms/>)

Admissions

Diagnostic Medical Sonography

The mission of admissions in the College of Allied Health Professions is to advance evidence-based recruitment and admissions practices that are inclusive, equitable and balanced with respect to experiences, attributes and metrics to recruit and admit applicants for the purpose of preparing highly competent, collaborative and compassionate professionals dedicated to improving the health and healthcare of all individuals and communities.

For specific DMS admissions, application, and timelines, visit: Diagnostic Medical Sonography Admissions (<https://www.unmc.edu/alliedhealth/academics/programs/dms/admission/>).

Curriculum

- General Track Curriculum (p. 1)
- Cardiovascular Track Curriculum (p. 2)

General Track Curriculum

Fall

MITS 401S ULTRASOUND PHYSICS I
or MITS 601S or ULTRASOUND PHYSICS I

Credit Hours

1

MITS 412S or MITS 612S	SONOGRAPHY CLINICAL EDUCATION I or SONOGRAPHY CLINICAL EDUCATION I	5
MITS 415S or MITS 615S	ORIENTATION TO DIAGNOSTIC MEDICAL SONOGRAPHY or ORIENTATION TO DIAGNOSTIC MEDICAL SONOGRAPHY	1
MITS 416S or MITS 616S	SONOGRAPHY LAB I or SONOGRAPHY LAB I	1
MITS 431S or MITS 631S	OB/GYN CONFERENCE I or OB/GYN CONFERENCE I	1
MITS 432S or MITS 632S	ABDOMINAL ULTRASOUND or ABDOMINAL ULTRASOUND	3
MITS 441S or MITS 641S	DIAGNOSTIC IMAGE REVIEW I or DIAGNOSTIC IMAGE REVIEW I	1
Credit Hours		13
Spring		
MITS 402S or MITS 602S	SONOGRAPHY CLINICAL EDUCATION II or SONOGRAPHY CLINICAL EDUCATION II	5
MITS 403S or MITS 603S	DIAGNOSTIC IMAGE REVIEW II or DIAGNOSTIC IMAGE REVIEW II	1
MITS 405S or MITS 605S	OB/GYN CONFERENCE II or OB/GYN CONFERENCE II	1
MITS 407S or MITS 607S	ADVANCED OBSTETRICAL ULTRASOUND or ADVANCED OBSTETRICAL ULTRASOUND	2
MITS 408S or MITS 608S	GYNECOLOGICAL ULTRASOUND or GYNECOLOGICAL ULTRASOUND	1
MITS 409S or MITS 609S	GENITOURINARY ULTRASOUND or GENITOURINARY ULTRASOUND	1
MITS 417S or MITS 617S	SONOGRAPHY LAB II or SONOGRAPHY LAB II	1
MITS 419S or MITS 619S	PROFESSIONAL PROJECTS I or PROFESSIONAL PROJECTS I	1
MITS 451S or MITS 651S	ULTRASOUND PHYSICS II or ULTRASOUND PHYSICS II	2
Credit Hours		15
Summer		
MITS 418S or MITS 618S	SONOGRAPHY LAB III or SONOGRAPHY LAB III	1
MITS 421S or MITS 621S	PROFESSIONAL PROJECTS II or PROFESSIONAL PROJECTS II	1
MITS 422S or MITS 622S	VASCULAR ANATOMY AND PHYSIOLOGY or VASCULAR ANATOMY AND PHYSIOLOGY	3
MITS 452S or MITS 652S	SONOGRAPHY CLINICAL EDUCATION III or SONOGRAPHY CLINICAL EDUCATION III	5
MITS 453S or MITS 653S	OB/GYN CONFERENCE III or OB/GYN CONFERENCE III	1
MITS 454S or MITS 654S	DIAGNOSTIC IMAGE REVIEW III or DIAGNOSTIC IMAGE REVIEW III	1

MITS 455S or MITS 655S	HIGH RESOLUTION SONOGRAPHY or HIGH RESOLUTION SONOGRAPHY	1
Credit Hours		13
Total Credit Hours		41

Cardiovascular Track Curriculum

First Year

		Credit Hours
Fall		
MITS 401S or MITS 601S	ULTRASOUND PHYSICS I or ULTRASOUND PHYSICS I	1
MITS 422S or MITS 622S	VASCULAR ANATOMY AND PHYSIOLOGY or VASCULAR ANATOMY AND PHYSIOLOGY	3
MITS 435S or MITS 635S	ORIENTATION TO CARDIOVASCULAR SONOGRAPHY or ORIENTATION TO CARDIOVASCULAR SONOGRAPHY	2
MITS 437S or MITS 637S	CARDIAC ANATOMY AND PHYSIOLOGY or CARDIAC ANATOMY AND PHYSIOLOGY	3
MITS 439S or MITS 639S	CASES IN CARDIOVASCULAR SONOGRAPHY I or CASES IN CARDIOVASCULAR SONOGRAPHY I	1
MITS 440S or MITS 640S	CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION I or CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION I	5
MITS 442S or MITS 642S	CARDIOVASCULAR SONOGRAPHY LAB I or CARDIOVASCULAR SONOGRAPHY LAB I	1
Credit Hours		16

Spring

MITS 419S or MITS 619S	PROFESSIONAL PROJECTS I or PROFESSIONAL PROJECTS I	1
MITS 438S or MITS 638S	CARDIAC PATHOLOGY AND HEMODYNAMICS or CARDIAC PATHOLOGY AND HEMODYNAMICS	3
MITS 449S or MITS 649S	CASES IN CARDIOVASCULAR SONOGRAPHY II or CASES IN CARDIOVASCULAR SONOGRAPHY II	1
MITS 450S or MITS 650S	CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION II or CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION II	5
MITS 451S or MITS 651S	ULTRASOUND PHYSICS II or ULTRASOUND PHYSICS II	2
MITS 461S or MITS 661S	CARDIOVASCULAR SONOGRAPHY LAB II or CARDIOVASCULAR SONOGRAPHY LAB II	1

MITS 462S or MITS 662S	VASCULAR PATHOLOGY AND HEMODYNAMICS or VASCULAR PATHOLOGY AND HEMODYNAMICS	2
Credit Hours		15

Summer

MITS 421S or MITS 621S	PROFESSIONAL PROJECTS II or PROFESSIONAL PROJECTS II	1
MITS 444S or MITS 644S	CONGENITAL HEART DISEASE or CONGENITAL HEART DISEASE	1
MITS 445S or MITS 645S	ADVANCED TOPICS IN CARDIAC SONOGRAPHY or ADVANCED TOPICS IN CARDIAC SONOGRAPHY	1
MITS 459S or MITS 659S	CASES IN CARDIOVASCULAR SONOGRAPHY III or CASES IN CARDIOVASCULAR SONOGRAPHY III	1
MITS 460S or MITS 660S	CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION III or CARDIOVASCULAR SONOGRAPHY CLINICAL EDUCATION III	5
MITS 471S or MITS 671S	CARDIOVASCULAR SONOGRAPHY LAB III or CARDIOVASCULAR SONOGRAPHY LAB III	1
Credit Hours		10
Total Credit Hours		41

Diagnostic Medical Sonography Website (<https://www.unmc.edu/alliedhealth/academics/programs/dms/>)

Policies

DMS Student Policies

In addition to the CAHP Student Policies (<https://catalog.unmc.edu/allied-health-professions/cahppolicies/>), students are required to follow the below policies. If you have any questions regarding the policies, please reach out to Kim Michael, (kkmichael@unmc.edu) Program Director.

- Clinical Compliance (<http://catalog.unmc.edu/allied-health-professions/dmsclinicalcompliance/>)
- Clinical Evaluations (<http://catalog.unmc.edu/allied-health-professions/dmsclinicaleval/>)
- Dress Code (<http://catalog.unmc.edu/allied-health-professions/dmsdresscode/>)
- Inclement Weather (<http://catalog.unmc.edu/allied-health-professions/dmsinclement/>)
- Pregnancy (<http://catalog.unmc.edu/allied-health-professions/dmspregnancy/>)
- Student Leave Time (Comp Time) (<http://catalog.unmc.edu/allied-health-professions/dmsstudentleave/>)
- Supervision of Students (<http://catalog.unmc.edu/allied-health-professions/dmssupervision/>)
- Use of Technology (<http://catalog.unmc.edu/allied-health-professions/dmsuseoftech/>)