

DIAGNOSTIC MEDICAL IMAGING SONOGRAPHY
AAS DEGREE

The **Diagnostic Medical Imaging Sonography program** includes extensive didactic and clinical applications in the specialties of general and vascular sonography. Clinical applications include abdominal/superficial structures, obstetrics/gynecology and vascular imaging techniques. Upon successful completion of the program, students are eligible to obtain licensure in American Registry for Diagnostic Medical Sonography (ARDMS) in the following: Sonography Principles & Instrumentation (SPI) Physics Instrumentation; Abdomens & Superficial Structures; Obstetrics and Gynecology; and Vascular Technology. This degree requires 85 credits in program requirements and general education. All general education courses must be completed prior to admission to the sonography program.

Field of Study Code: DMIS.AAS

Program Requirements.....		82
Dmis 1100	Introduction to Diagnostic Medical Sonography.....	3
Dmis 1101	Sonographic Physics and Instrumentation I...3	
Dmis 1102	Sonographic Physics and Instrumentation II...3	
Dmis 1105	Introduction to Pathophysiology for Sonographers.....	2
Dmis 1110	Basic Patient Care Skills for Sonographers.....	2
Dmis 1112	Clinical Education II.....	3
Dmis 1113	Clinical Education III.....	2
Dmis 1114	Clinical Education IV.....	3
Dmis 1120	Sonographic Cross-Sectional Anatomy.....	3
Dmis 1121	Fundamentals of OB/GYN I.....	3
Dmis 1122	Fundamentals of OB/GYN II.....	3
Dmis 1131	Abdomen/Superficial Structures I.....	3
Dmis 1132	Abdomen/Superficial Structures II.....	2
Dmis 1140	Fundamentals of Breast Sonography.....	2
Dmis 1141	Case Study Critique I.....	1
Dmis 1142	Case Study Critique II.....	1
Dmis 1151	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab I.....	1
Dmis 1152	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab II.....	1
Dmis 1153	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab III.....	1
Dmis 1154	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab IV.....	1
Dmis 1160	Legal Aspects of Health Care in Sonography.....	1
Dmis 2201	Abdominal and Peripheral Arterial.....	3
Dmis 2203	Cerebrovascular Ultrasound.....	2

Dmis 2204	Abdominal and Peripheral Venous.....	2
Dmis 2212	Clinical Education-Vascular Imaging I.....	3
Dmis 2213	Clinical Education-Vascular Imaging II.....	3
Dmis 2221	Abdominal and Peripheral Arterial Hands-on Scanning Lab.....	1
Dmis 2223	Cerebrovascular Ultrasound Hands-on Scanning Lab.....	1
Dmis 2224	Abdominal and Peripheral Venous Hands-on Scanning Lab.....	1
Anat 1551*	Human Anatomy and Physiology I.....	4
AND		
Anat 1552*	Human Anatomy and Physiology II.....	4
OR		
Anat 1571*	Human Anatomy and Physiology With Cadaver I.....	4
AND		
Anat 1571*	Human Anatomy and Physiology With Cadaver II.....	4
Engli 1101	English Composition I.....	3
HLths 1110	Biomedical Terminology.....	3
Math 1120	Mathematical Foundations for Diagnostic Medical Imaging Sonographers.....	3
Psych 1100	General Psychology.....	3
Spec 1100	Fundamentals of Speech Communication.....	3
OR		
Spec 1120	Small-Group Communication.....	3

General Education.....3
(In addition to the courses listed above.)

Total Credits Required.....87

CERTIFICATE

The Diagnostic Medical Imaging Sonography (Ultrasound) is an advanced certificate program designed for graduates of accredited Medical Imaging programs in Radiology, Nuclear Medicine, Nursing, etc. Clinical education is provided at assigned clinical affiliates. Upon successful completion of the program, students are eligible to obtain licensure in American Registry for Diagnostic Medical Sonography (ARDMS) in the following: Sonography Principles & Instrumentation (SPI); Physics Instrumentation; Abdomens & Superficial Structures; and Obstetrics and Gynecology. The certificate program consists of 40 credits in the required courses listed below.

Field of Study Code: DMIS.CER

Total Credits Required		40
Dmis 1100	Introduction to Diagnostic Medical Sonography	3
Dmis 1101	Sonographic Physics and Instrumentation I	3
Dmis 1102	Sonographic Physics and Instrumentation II	3
Dmis 1112	Clinical Education II	3
Dmis 1113	Clinical Education III	2
Dmis 1114	Clinical Education IV	3
Dmis 1120	Sonographic Cross-Sectional Anatomy	3
Dmis 1121	Fundamentals of OB/GYN I	3
Dmis 1122	Fundamentals of OB/GYN II	3
Dmis 1131	Abdomen/Superficial Structures I	3
Dmis 1132	Abdomen/Superficial Structures II	2
Dmis 1140	Fundamentals of Breast Sonography	2
Dmis 1141	Case Study Critique I	1
Dmis 1142	Case Study Critique II	1
Dmis 1151	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab I	1
Dmis 1152	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab II	1
Dmis 1153	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab III	1
Dmis 1154	Abdominal/Superficial Structures and Obstetrics/Gynecology Hands-on Scanning Lab IV	1
Dmis 1160	Legal Aspects of Health Care in Sonography	1

CERTIFICATE

The **Diagnostic Medical Vascular Sonography** program is an extension of the current Diagnostic Medical Imaging program designed to provide trained sonographers in the specialty of vascular imaging for the clinical institutions and clinics in the Chicago area. Upon successful completion of the program, students are eligible to obtain licensure in American Registry for Diagnostic Medical Sonography (ARDMS) in the following: Sonography Principles & Instrumentation (SPI) Physics Instrumentation and Vascular Technology. This certificate program consists of 15 credits in the required courses listed below.

Field of Study Code: DMIS.CER.VASC

Total Credits Required		15
Dmis 2201	Abdominal and Peripheral Arterial	3
Dmis 2203	Cerebrovascular Ultrasound	2
Dmis 2204	Abdominal and Peripheral Venous	2
Dmis 2212	Clinical Education-Vascular Imaging I	3
Dmis 2213	Clinical Education-Vascular Imaging II	2
Dmis 2221	Abdominal and Peripheral Arterial Hands-on Scanning Lab	1
Dmis 2223	Cerebrovascular Ultrasound Hands-on Scanning Lab	1
Dmis 2224	Abdominal and Peripheral Venous Hands-on Scanning Lab	1