

# Diagnostic Medical Sonography

## Associate in Applied Science

Minimum of 67 Credits

The Associates in Applied Science-Diagnostic Medical Sonography program is offered through a cooperative alliance established between Oklahoma City Community College and Moore Norman Technology Center. Major courses and clinical experience is only offered at Moore Norman Technology Center. Students completing the Diagnostic Medical Sonography plan of study they will be equipped with skills and knowledge to perform in today's high demand health care industry as Sonographers. The Diagnostic Medical Sonography program is designed to provide students with in depth experience in real situations involving performing and providing evaluation of sonography procedures. Students have the opportunity to train on the latest systems and industry specific equipment. Graduates will be prepared to work in the areas of but not limited to hospitals, medical and diagnostic laboratories and diagnostic imaging centers. In addition, graduates will be prepared for the American Registry Diagnostic Medical Sonography certification.

Course ID	Course Name	Credits	Type	Prerequisites
<b>Suggested Freshman 1st Semester</b>				
SCL 1001	SUCCESS IN COLLEGE AND LIFE	1	LIFE SKILLS	NONE
DMS 1213	INTRODUCTION TO ULTRASOUND	3	MAJOR	(R) (W) AHP 1013 MEDICAL TERMINOLOGY AND BIO 1314 ANATOMY AND PHYSIOLOGY I
DMS 1233	ULTRASOUND PHYSICS AND INSTRUMENTATION I	3	MAJOR	(R) (W) (M) MATH 1513 COLLEGE ALGEBRA
MATH 1513	COLLEGE ALGEBRA	3	GEN ED	(R), MATH 0123 OR ADEQUATE MATH PLACEMENT TEST SCORE, EITHER WITHIN THE LAST YEAR.
DMS 1112	PATIENT CARE	2	MAJOR	(R) (W)
BIO 1314	HUMAN ANATOMY AND PHYSIOLOGY I	4	SUPPORT	(R) (W) (M), AN ADEQUATE BIOLOGY PLACEMENT TEST SCORE OR BIO 0123 OR A COLLEGE-LEVEL BIOLOGICAL SCIENCE CLASS
<b>Freshman 2nd Semester</b>				
DMS 1254	ABDOMINAL ULTRASOUND	4	MAJOR	(R) (W) BIO 1314 ANATOMY AND PHYSIOLOGY I
DMS 1122	MEDICAL ETHICS	2	MAJOR	(R) (W)
DMS 1356	CLINICAL ULTRASOUND I	6	MAJOR	(R) (W) PREREQUISITE: DMS 1213 INTRODUCTION TO ULTRASOUND, COREQUISITE: DMS 1254 ABDOMINAL ULTRASOUND
ENGL 1113	ENGLISH COMPOSITION I (COMPUTER ASSISTED)	4	GEN ED	(R) (W), ADEQUATE READING AND WRITING ASSESSMENT SCORES OR LS 0033 COLLEGE WRITING II, EITHER TAKEN WITHIN THE LAST YEAR, WITH STRONG ENCOURAGEMENT FOR IMMEDIATE CONTINUATION.
DMS 1292	ULTRASOUND PHYSICS AND INSTRUMENTATION II	2	MAJOR	(R) (W) DMS 1233 ULTRASOUND PHYSICS AND INSTRUMENTATION I
<b>Sophomore 1st Semester</b>				
DMS 1274	OB/GYN ULTRASOUND	4	MAJOR	(R) (W) BIO 1314 ANATOMY AND PHYSIOLOGY I
DMS 2216	CLINICAL ULTRASOUND II	6	MAJOR	(R) (W) DMS 1356 CLINICAL ULTRASOUND I
OSRHE1	OSRHE APPROVED GENERAL EDUCATION COMMUNICATIONS OR ENGLISH COURSE*	3	GEN ED	
DMS 2221	SMALL PARTS SONOGRAPHY	1	MAJOR	(R) (W) BIO 1314 ANATOMY AND PHYSIOLOGY I
DMS 2321	BIOEFFECTS	1	MAJOR	(R) (W) DMS 1292 ULTRASOUND PHYSICS AND INSTRUMENTATION II
GEN ED	GEN ED ELECTIVE	3	GEN ED	
<b>Sophomore 2nd Semester</b>				
HIST 1483	U.S. HISTORY TO THE CIVIL WAR OR		GEN ED	(R) (W)
HIST 1493	U.S. HISTORY SINCE THE CIVIL WAR	3	GEN ED	(R) (W)
POLSC 1113	AMERICAN FEDERAL GOVERNMENT	3	GEN ED	(R) (W)
DMS 2316	CLINICAL ULTRASOUND III	6	MAJOR	(R) (W) DMS 2216 CLINICAL ULTRASOUND II
DMS 2371	ADVANCED SONOGRAPHY	1	MAJOR	(R) (W) DMS 1254 ABDOMINAL ULTRASOUND, DMS 1274 GYNECOLOGICAL/OBSTETRICAL SONOGRAPHY
DMS 2332	VASCULAR SONOGRAPHY	2	MAJOR	(R) (W) BIO 1314 ANATOMY AND PHYSIOLOGY I

**Major Courses:** (43 credit hours) DMS 1213; DMS 1233; DMS 1254; DMS 1112; DMS 1122; DMS 1274; DMS 1292; DMS 1356; DMS 2216; DMS 2221; DMS 2321; DMS 2316; DMS 2371; DMS 2332.

**General Education Courses:** (18 credit hours) English: ENGL 1113, any OSRHE approved general education English or communications course; History: HIST 1483 OR HIST 1493; Political Science: POLSC 1113; Mathematics: MATH 1513; Three hours General Education Electives

**Life Skills Courses:** (1 credit hour) Life Skills: SCL 1001

**Support Courses:** (4 credit hours): Science: BIO 1314

**Notes:** This technical/occupational program is designed to prepare students to enter the job force following completion. See Technical/Occupational Programs in the general information section of the catalog. Major courses are available only at Moore Norman Technology Center.

# This program is offered through a cooperative alliance with Moore Norman Technology Centers.

++ Special Admissions Procedures Required