

Allied Health

Diagnostic Medical Sonography: Owens

OWENS CAMPUS

Fall 2020

Diagnostic Medical Sonography is the art and science of employing high frequency sound waves to image organs, vessels, masses, and fluid accumulations within the body. The skilled sonographer, qualified by academic and clinical training, assists the physician in assessing both disease processes and the state of well-being. The Diagnostic Medical Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 US Highway 19 N., Suite 158, Clearwater, FL 33763 (727) 210-2350, <http://www.caahep.org> upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 6021 University Blvd., Suite 500, Ellicott City, MD 21043, (443) 973-3251 phone, (443) 738-3444 fax <http://www.jrcdms.org> to prepare students for national certification in general sonographic learning concentrations.

Courses are offered on campus and at a variety of clinical affiliates. Employment opportunities in this dynamic field exist in a wide range of settings such as hospitals, clinics, and doctors' offices. Other opportunities are available in veterinary medicine, industry, sales, mobile services, and the private sector. Academically ready students can apply to the program following the guidelines of the Allied Health competitive admission process. Interested applicants should review the information provided here and contact their program advisor for application requirements.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Delaware Tech does not apply blanket age limits to courses for the purposes of transfer in, meeting selective admission programs' ranking/entrance procedures, or meeting program requirements for award completion. There is a five year age limit used in the selective admission procedures for the Diagnostic Medical Sonography program for BIO 120.

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
MAT 153 - College Math and Statistics	4	4	0
BIO 120 - Anatomy and Physiology I	5	4	2
PHY 111 - Conceptual Physics	4	3	2
ENG 101 - Crit Thinking & Acad Writing	3	3	0
CHM 110 - General Chemistry	4	3	2

Courses - Semester 2

	Credits	Lecture	Lab
BIO 100 - Medical Terminology	3	3	0
DMS 107 - Essentials in Pt. Care/Sono	3	3	1
ENG 102 - Composition and Research	3	3	0

Courses - Semester 3

	Credits	Lecture	Lab
DMS 104 - Intro to Clinical Internship	1	0	7
DMS 112 - OB/GYN Sonography I	2	2	1.5
DMS 131 - Abd/Small Parts Sono. I	2	2	1.5
BIO 121 - Anatomy and Physiology II	5	4	2

Courses - Semester 4

	Credits	Lecture	Lab
DMS 110 - Acoustical Physics	3	3	0
DMS 215 - OB/GYN Sonography II	2	2	1
DMS 231 - Abd/Small Parts Sono. II	2	2	1
DMS 240 - Clinical Internship I	3	0	16

Courses - Semester 5

	Credits	Lecture	Lab
DMS 241 - Clinical Internship II	6	0	32

Courses - Semester 6

	Credits	Lecture	Lab
PSY 121 - General Psychology	3	3	0
DMS 235 - Pediatric Sonography	1	1	0
DMS 214 - Essentials in Vascular U/S	2	2	1
DMS 242 - Clinical Internship III	5	0	24
BIO 130 - Disease Proc/Pathophysiology	3	3	0

Courses - Semester 7

	Credits	Lecture	Lab
SOC 213 - Ethical Issues in Health Care	3	3	0
DMS 250 - Selected Topics in U/S	2	2	0
DMS 243 - Clinical Internship IV	5	0	24

*To complete program requirements, you must pass the above courses and earn at least **80 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.*