

# GET STARTED ON AN IN-DEMAND CAREER.



## DIAGNOSTIC MEDICAL SONOGRAPHY

### Associate of Applied Science

Sonography includes diagnostic procedures that use high frequency sound waves (ultrasound) to produce dynamic medical images of organs, tissues, or blood flow inside the body. For the first year of the program, students apply what they learn in the classroom in a fully functional Sonography lab. For the second year of the program, students continue to take classes at the Toledo-area campus while gaining over 1,150 hours of clinical education at a number of regional clinical facilities.

#### JOB OPPORTUNITIES FOR GRADUATES

According to the US Bureau of Labor statistics, the job outlook for Diagnostic Medical Sonographers from 2019 - 2029 will increase 12% which is much faster than average. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, and technical advisors.

#### SALARY

Entry-level graduates, working full-time, can expect to earn \$45,000 - \$50,000 per year. According to the most recent *SDMS Salary and Benefits* report for 2018, the median salary for sonographers is \$73,133.

#### ACCREDITATION

Commission on Accreditation of Allied Health Education Programs (CAAHEP) by the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography. (Accredited to Spring 2024)



**OWENS.EDU**

**Office of Admissions**  
Toledo-area Campus - (567) 661-7777

**School of Nursing and Health Professions**  
**Sonography Department**  
(567) 661-7618

#### LOCATION

Toledo-area Campus

#### PREREQUISITES, CO-REQUISITES, AND ELECTIVE INFORMATION

Acceptance into this program is selective. Please see an advisor to answer your selective admissions questions. Clinical placement requires that students submit documentation of a completed health examination and background check.

#### EARN A BACHELOR'S DEGREE!

Additional opportunities, such as employment in the areas of clinical supervision, education, administration and business, may be available for those who have earned a bachelor's degree. Owens Community College has articulation agreements with Bowling Green State University and Ohio University. Appointments can be scheduled with advisors from these institutions by calling (567) 661-7777.

#### CLINICAL PARTNERSHIP TESTIMONIAL

Owens does a great job preparing the student for clinical rotation! The students come prepared with the basic knowledge for scanning as well as patient safety. Our location strives for not only quality scanning but top scores for patient experience, Owens sets the ground work for the student to succeed and this follows through when we hire them!

Jill A. Jaynes RT (R)  
*Director of Imaging Services, Cath Lab, & Vascular Lab*  
*Blanchard Valley Health Systems*



**OWENS**  
COMMUNITY COLLEGE

# PROGRAM CURRICULUM

## DIAGNOSTIC MEDICAL SONOGRAPHY Associate of Applied Science

### REQUIRED COURSES

The Age of Coursework for Diagnostic Medical Sonography (DMS) and Medical Imaging Technology (MIT) courses is three years - chair approval required for courses beyond that. Please refer to College Policy, Chapter 2 - Academic, 3358:11-2-22 Age of Coursework Policy.

All Diagnostic Medical Sonography (DMS) and Medical Imaging Technology (MIT) courses must be completed within three years from initial entrance into the program. All courses must be completed with a grade of "C" or better or the student will be academically withdrawn.

#### 1ST SEMESTER - SUMMER

BIO 211	Anatomy & Physiology I*	Credits: 4(Lec: 3 Lab: 3)
ENG 111	Composition I*	Credits: 3(Lec: 3)
MTH 213	Introductory Statistics*	Credits: 3(Lec: 3)
PHY 115	Physical Science for Tech	Credits: 4(Lec: 3 Lab: 3)
MIT 105	Medical Imaging Basics	Credits: 1(Lec: 0.5 Lab: 1.5)

#### 2ND SEMESTER - FALL

BIO 212	Anatomy & Physiology II*	Credits: 4(Lec: 3 Lab: 3)
DMS 101	Ultrasound Physics I	Credits: 3(Lec: 3)
DMS 102	General Ultrasound I	Credits: 3(Lec: 2 Lab: 3)
MIT 201	Sectional Anatomy for Med Imagers	Credits: 1(Lab: 3)
HIT 125	Language of Medicine	Credits: 3(Lec: 3)

#### 3RD SEMESTER - SPRING

DMS 104	Intro to Medical Imaging	Credits: 1(Lec: 1)
DMS 106	General Ultrasound II	Credits: 3(Lec: 2 Lab: 3)
SOC 201	Social Problems	Credits: 3(Lec: 3)
PHL 102	Principles of Ethics	Credits: 3(Lec: 3)
MIT 104	Medical Informatics	Credits: 1(Lec: 1)



#### 4TH SEMESTER - SUMMER

DMS 212	General Ultrasound Directed Practice I	Credits: 3(Lec: 0.5 Clinical: 16)
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#### 5TH SEMESTER - FALL

DMS 204	General Ultrasound III	Credits: 3(Lec: 3)
DMS 214	General Ultrasound Directed Practice II	Credits: 3(Lec: 0.5 Clinical: 16)
DMS 216	General Ultrasound Directed Practice III	Credits: 3(Lec: 0.5 Clinical: 16)
DMS 108	Pediatric Ultrasound	Credits: 1(Lec: 1)
DMS 110	Breast Ultrasound	Credits: 1(Lec: 1)

#### 6TH SEMESTER - SPRING

DMS 208	General Ultrasound IV	Credits: 3(Lec: 3)
DMS 218	General Ultrasound Directed Practice IV	Credits: 3(Lec: 0.5 Clinical: 16)
DMS 220	General Ultrasound Directed Practice V	Credits: 3(Lec: 0.5 Clinical: 16)
DMS 210	Capstone Seminar	Credits: 1(Lec: 1)

\*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at [www.ohiohighered.org/transfer/transfermodule](http://www.ohiohighered.org/transfer/transfermodule)

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