

# GET STARTED ON AN IN-DEMAND CAREER.



## VASCULAR SONOGRAPHY

### Associate of Applied Science

Vascular Sonography is a diagnostic procedure that uses high-frequency sound waves (ultrasound) to produce dynamic visual images of blood vessels inside the body. A sonographer's scope of practice includes operating imaging equipment, identifying normal and abnormal imaging results, preparing patients for procedures and reviewing patient medical history.

For the first year of the program, students apply what they learn in the classroom in a fully functional Sonography lab on the Toledo-area Campus. For the second year of the program, students continue to take classes while gaining over 1,200 hours of clinical education at several regional clinical facilities.

To practice as a Vascular Sonographer, graduates must pass national certification examinations through the American Registry for Diagnostic Medical Sonographers.

#### JOB OPPORTUNITIES FOR GRADUATES

According to the U.S. Bureau of Labor Statistics, the job outlook for Vascular Sonographers from 2022 - 2032 will increase 10 percent, which is much faster than average. Sonographers often work in hospitals, physician offices or clinics and may be required to take calls. Career advancement opportunities exist in education, administration, research, advanced practice and in commercial companies as education/application specialists or sales representatives.

#### SALARY

Entry-level graduates, working full-time, can expect to earn \$63,000-\$68,000 per year. According to the U.S. Bureau of Labor Statistics, the median salary in 2022 for sonographers is \$78,210. Salary will depend on practice setting, years of experience and geographical location.

#### 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)



#### 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, Mercy College, Ohio University, University of Cincinnati and Siena Heights. Appointments can be scheduled with advisors from these institutions by calling (567) 661-7777.

#### CLINICAL PARTNERSHIP TESTIMONY

*ProMedica Jobst Vascular Institute (JVI) is a nationally recognized leader in vascular diagnosis and treatment. A close relationship with Owens Community College's sonography program has been crucial to continued high-quality patient care in our community. Students are provided the essentials of vascular ultrasound with didactics in a state-of-the-art noninvasive vascular lab. These principles and exceptional hands-on patient care are reinforced at each Jobst clinical site. We have seamlessly transitioned many Owens students into seasoned Jobst vascular ultrasound professionals. Owens Sonography, in partnership with JVI, has become a blueprint for preparing vascular ultrasound students that is unmatched by any other program.*

Abraham Ettaher, RVT  
Supervisor/Educator, Jobst Vascular  
The Toledo Hospital

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#### Office of Admissions

Toledo-area Campus - (567) 661-7777

#### School of Nursing and Health Professions Sonography Department

(567) 661-7618



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# PROGRAM CURRICULUM

## VASCULAR 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

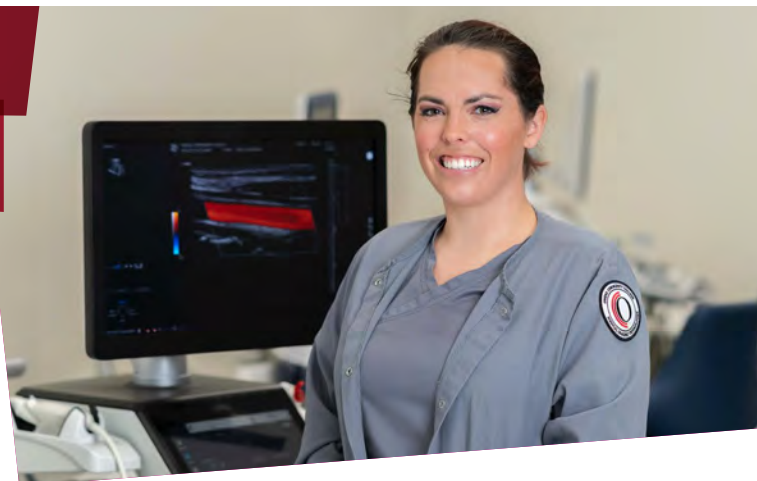
BIO 211	Anatomy and Physiology I *	Credits: 4(Lec: 3 Lab: 3)
ENG 111	Composition I *	Credits: 3(Lec: 3)
or		
ENG 111P	Composition I Plus *	Credits: 4(Lec: 4)
MTH 133	Quantitative Reasoning *	Credits: 3(Lec: 3 Lab: 1)
MIT 106	Intro to Basic Physics for Sonographers	Credits: 2(Lec: 2)
MIT 105	Ultrasound Basics	Credits: 1(Lec: .5 Lab 1.5)

#### 2ND SEMESTER - FALL

BIO 212	Anatomy and Physiology II *	Credits: 4(Lec: 3 Lab: 3)
DMS 101	Ultrasound Physics	Credits: 3(Lec: 3)
DMS 103	Vascular Ultrasound I	Credits: 3(Lec: 2 Lab: 3)
MIT 201	Sect Anatomy for Med Imagers	Credits: 1(Lab: 3)
HIT 125	Language of Medicine	Credits: 3(Lec: 3)

#### 3RD SEMESTER - SPRING

DMS 104	Foundations for Clinical Ultrasound	Credits: 2(Lec: 2)
DMS 105	Vascular Ultrasound II	Credits: 3(Lec: 2 Lab: 3)
DMS 107	Vascular Ultrasound III	Credits: 1(Lec: 1)
SPE 102	Interpersonal Communications*	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 213	Vascular Ultrasound Dir Prac I	Credits: 3(Lec: .5 Clinical: 16)
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#### 5TH SEMESTER - FALL

DMS 205	Vascular Ultrasound IV	Credits: 3(Lec: 3)
DMS 215	Vascular Ultrasound Dir Prac II	Credits: 3(Lec: .5 Clinical: 16)
DMS 217	Vascular Ultrasound Dir Prac III	Credits: 3(Lec: .5 Clinical: 16)

#### 6TH SEMESTER - SPRING

DMS 209	Vascular Ultrasound V	Credits: 3(Lec: 3)
DMS 219	Vascular Ultrasound Dir Prac IV	Credits: 3(Lec: .5 Clinical: 16)
DMS 221	Vascular Ultrasound Dir Prac V	Credits: 3(Lec: .5 Clinical: 16)
DMS 210	Capstone Seminar I	Credits: 2(Lec: 2)

\*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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Your **success** starts here.



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