

DIAGNOSTIC SONOGRAPHY

ASSOCIATE OF APPLIED SCIENCE

About the Program

The associate of applied science in diagnostic medical sonography (AASDMS) program educates students in the art and science of sonography. Graduates are prepared to sit for the National Certification Examination administered by the American Registry for Diagnostic Medical Sonography (ARDMS). The program provides classroom instruction; hands-on experiences in skills and simulation laboratories; and clinical placements.

The Aultman Advantage

The sonography core courses and foundational education courses are offered at the Aultman College campus or as hybrid (combining face-to-face and online) instruction courses. The sonography clinical site rotation courses provide you with a variety of settings, equipment, experiences, and job opportunities as compared to other sonography degree programs.

Career Pathways

Registered diagnostic cardiac sonographers (RDCS) and registered vascular technologists (RVT) are employed in hospitals, clinics, and physician offices to perform diagnostic imaging examinations. They can further their education to specialize in MR, nuclear medicine, radiography, CT, interventional radiology, cath lab, mammography, among other pathways.

Admission Requirements

- Graduating high school students must have a minimum 3.0 high school GPA (660 GED) and a minimum 20 ACT (1030 SAT or ACCUPLACER Next Gen scores: Reading Comprehension of 250+ and a Quantitative Reasoning, Algebra and Statistics Score of 263+).
- Transfer students must have a minimum 2.0 college GPA with 6 credit hours or more of course work based on the most recent college transcript.

Application Process

Interested students will need to submit a completed application online at aultmancollege.edu and submit official high school and college transcripts.



Full-time, lock-step program over 5 semesters



Premiere placement for clinical rotations at nearby Aultman Health System and other facilities



Apply by Feb. 1



330-363-6347

aultmancollege.edu

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Up to 24 credit hours toward this curriculum may be awarded for previous college-level work.

Fall Semester One

| | | |
|----------|--|----|
| BIO 205 | Anatomy & Physiology I | 3 |
| BIO 205L | Anatomy & Physiology I Lab | 1 |
| MTH 102 | Math for Health Professionals | 3 |
| PHY 105 | Principles of Physics Biomedical Applications | 2 |
| HSC 119 | Medical Language | 2 |
| DMS 100 | Introduction to Sonography Scanning & Patient Care | 3 |
| TOTAL | | 14 |

Spring Semester Two

| | | |
|----------|-----------------------------|----|
| BIO 207 | Anatomy & Physiology II | 3 |
| BIO 207L | Anatomy & Physiology II Lab | 1 |
| COM 100 | Elective | 3 |
| DMS 115 | Instruments/Physics | 4 |
| ENG 105 | Composition I | 3 |
| TOTAL | | 14 |

Summer Semester Three

| | | |
|---------|------------------------------|----|
| DMS 112 | Initial Sonographic Scanning | 3 |
| DMS 116 | Echocardiography I | 3 |
| DMS 117 | Vascular I | 3 |
| DMS 202 | Field Experience I | 4 |
| TOTAL | | 13 |

Fall Semester Four

| | | |
|---------|-----------------------------------|---|
| DMS 216 | Echocardiography II | 3 |
| DSM 217 | Vascular II | 3 |
| DMS 203 | Field Experience II | 3 |
| DMS 212 | Intermediate Sonographic Scanning | 2 |

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|-------|----|
| TOTAL | 11 |
|-------|----|

Spring Semester Five

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|---------------------------------|----------------------|---|
| DMS 204 | Field Experience III | 5 |
| DMS 240 | Sonography Capstone | 2 |
| PHL 104 | Medical Ethics | 3 |
| Foundational Education Elective | | 3 |

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|-------|----|
| TOTAL | 13 |
|-------|----|

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|------------------|----|
| TOTAL FOR DEGREE | 65 |
|------------------|----|

A student must complete prerequisite courses successfully to enroll in subsequent courses.



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