

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

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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	4
TOTAL		15

Spring Semester Two

BIO 207	Anatomy & Physiology II	3
BIO 207L	Anatomy & Physiology II Lab	1
COM 100	Elective	3
DMS 101	Field Experience I	3
DMS 115	Instruments/Physics	3
ENG 105	Composition I	3
TOTAL		16

Summer Semester Three

DMS 112	Initial Sonographic Scanning	3
DMS 116	Echocardiography I	3
DMS 117	Vascular I	3
DMS 202	Field Experience II	3
TOTAL		12

Fall Semester Four

DMS 216	Echocardiography II	3
DSM 217	Vascular II	3
DMS 203	Field Experience III	3
DMS 212	Intermediate Sonographic Scanning	2
TOTAL		11

Spring Semester Five

DMS 204	Field Experience IV	3
DMS 240	Sonography Capstone	2
PHL 104	Medical Ethics	3
	Foundational Education Elective	3
TOTAL		11

TOTAL FOR DEGREE 65

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



330-363-6347

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