

## **AAS - Diagnostic Medical Sonography - Cardiac Track**

**65 credit hours**

### **Pre-program Requirements**

BIOL	2401	Anatomy and Physiology I
BIOL	2402	Anatomy and Physiology II
DMSO	1210	Introduction to Sonography
ENGL	1301	Composition I
MATH	1314	College Algebra <sup>1</sup>
PHYS	1405	Conceptual Physics <sup>2</sup>

### **FIRST YEAR**

#### **First Semester (Fall)**

DSAE	1303	Introduction to Echocardiography
DSAE	2303	Cardiovascular Concepts
DSAE	1340	Diagnostic Electrocardiography
PSYC	2301	General Psychology (See Social / Behavioral Sciences options)

#### **Second Semester (Spring)**

DMSO	1202	Basic Ultrasound Physics
DMSO	2243	Advanced Ultrasound Physics
DSAE	2304	Echocardiographic Evaluation of Pathology 1
DSPE	1200	Introduction to Pediatric Echocardiography Techniques
DSVT	1300	Principles of Vascular Technology

#### **Third Semester (Summer)**

DSAE	2337	Echocardiographic Evaluation of Pathology 2
DSVT	2200	Vascular Technology Applications
DMSO	1167	Practicum 1 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
DSAE	2235	Advanced Echocardiography

## **SECOND YEAR**

### **First Semester (Fall)**

DMSO 1466 Practicum 2 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

GEN ED Humanities / Fine Arts course

### **Second Semester (Spring)**

DMSO 1366 Practicum 3 - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

DSAE 2355 Echocardiography Professionalism and Registry Review (Capstone)

1. May substitute MATH 1316, MATH 1342, MATH 2305, MATH 2318, MATH 2320, MATH 2320, MATH 2412, OR MATH 2413

2. May substitute PHYS 1401 or PHYS 2425