

## DIAGNOSTIC MEDICAL SONOGRAPHY CURRICULUM

### **Prerequisite Courses**

BIOL 2401 Anatomy and Physiology I  
BIOL 2402 Anatomy and Physiology II  
MATH 1314 College Algebra  
ENGL 1301 English Composition I  
PSYC 2301 Introduction to Psychology  
Elective Humanities or Visual or Performing Arts  
PHYS 1402 General Physics

### **Fall Semester I**

DMSO 1351 Sonographic Sectional Anatomy  
DMSO 1441 Abdominopelvic Sonography  
DMSO 1302 Basic Ultrasound Physics  
DMSO 1260 Clinical

### **Spring Semester I**

DMSO 1110 Introduction to Sonography  
DMSO 2405 Sonography of Obstetrics/Gynecology  
DMSO 2243 Advanced Ultrasound Principles and Instrumentation  
DMSO 1460 Clinical

### **Summer Semester I**

DMSO 1355 Sonographic Pathophysiology  
DSVT 1103 Introduction to Vascular Technology  
DMSO 1361 Clinical

### **Fall Semester II**

DMSO 2353 Sonographic Superficial Structures  
DSVT 1300 Principles of Vascular Technology  
DMSO 2460 Clinical

### **Spring Semester II**

DSVT 2335 Advanced Non-Invasive Vascular Technology  
DMSO 2130 Advanced Ultrasound and Review (Capstone)  
DSVT 2461 Clinical (Capstone)

## DIAGNOSTIC MEDICAL SONOGRAPHY CARDIAC TRACT CURRICULUM

### **First Semester**

DSAE 1303 Introduction to Electrocardiography Techniques  
DSAE 1440 Diagnostic Electrocardiography  
DSAE 2360 Clinical

### **Second Semester**

DSAE 2335 Advanced Electrocardiography  
DSAE 2404 Echocardiographic Evaluation of Pathophysiology I  
DSAE 2303 Cardiovascular Concepts  
DSAE 2461 Clinical (Capstone)

*Curriculum pending approval by the Texas Higher Education Coordinating Board*

**Revised 8/17/09**