



# Health & Public Service



Education Plan (Sequenced): Diagnostic Medical Sonography/Echocardiography

Degree/Certificate: Associate in Applied Science

Completion of the curriculum outlined below leads to an Associate of Applied Science in Echocardiography Technology and enables the student to take the examination for echocardiographic sonographers and seek employment in the field of echocardiography sonography. After obtaining an Associate in Applied Science in Diagnostic Medical Sonography/Echocardiography, the graduate has the option of completing an additional 12 credit hours to obtain an enhanced skills certificate in vascular sonography.

### Pre-requisite

Course	Semester Credit Hours
BIOL 2401 Anatomy & Physiology I	4
BIOL 2402 Anatomy & Physiology II	4
BIOL 2420 Microbiology	4
MATH 1314 College Algebra	3
PSYC 2301 General Psychology	3
Total	18

### Year 1: Semester 1

Course	Semester Credit Hours
DSAE 1203 Introduction to Echocardiography Techniques	2
HPRS 2200 Pharmacology for Health Professionals	2
DSAE 1260 Clinical-Echocardiography Technology	2
DMSO 1302 Basic Ultrasound Physics	3
DSAE 1315 Principles of Adult Echocardiography	3
DSAE1340 Diagnostic Electrocardiography	3
Total	15



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## Year 1: Semester 2

Course	Semester Credit Hours
DSAE 2304 Echocardiology Evaluation of Pathology I	3
DSAE 2660 Clinical-Echocardiology Technology	6
ENGL 1301 English Composition	3
Total	12

## Year 2: Semester 1

Course	Semester Credit Hours
DSAE 2437 Echocardiology Evaluation of Pathology II	4
DSAE 2661 Clinical-Echocardiology Technology	6
DSAE 2235 Advanced Echocardiology	2
BCIS 1305 Business Computer Applications	3
Total	15