

# Associate in Applied Science in Diagnostic Ultrasound

PROFESSIONAL TECHNICAL  
2012-2013 Degree Requirements

## Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
DUTEC	101	Concepts of Patient Care	3		
DUTEC	105	Pathophysiology I	3		
DUTEC	106	Pathophysiology II	3		
DUTEC	107	Human Cross-Sectional Anatomy	2		
DUTEC	110	General Ultrasound I: Abdominal	5		
DUTEC	111	Echocardiography I	5		
DUTEC	112	Pathophysiology III	3		
DUTEC	113	Pathophysiology IV	3		
DUTEC	160	Vascular Scanning & Techniques I	3		
DUTEC	161	Vascular Scanning & Techniques II	3		
DUTEC	162	Vascular Scanning & Techniques III	3		
DUTEC	170	Ultrasound Physics & Instrumentation I	3		
DUTEC	171	Ultrasound Physics & Instrumentation II	3		
DUTEC	185	Electrocardiography (EKG)	2		
DUTEC	210	Clinical Practicum I	12		
DUTEC	220	Clinical Practicum II	12		
DUTEC	230	Clinical Practicum III	12		
DUTEC	240	Clinical Practicum IV	12		

**Subtotal**     92

## Choose one track from the following:

### General Ultrasound Track

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
DUTEC	120	General Ultrasound II: Obstetrics & Gynecology	5		
DUTEC	130	General Ultrasound III: Small Parts	5		
DUTEC	140	General Ultrasound IV	5		
DUTEC	190	Survey of Echocardiography I	2		
DUTEC	192	Survey of Echocardiography II	2		
DUTEC	194	Survey of Echocardiography III	2		

**Subtotal**     21

### Echocardiography Track

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
DUTEC	121	Echocardiography II	5		
DUTEC	131	Echocardiography III	5		
DUTEC	141	Echocardiography IV	5		
DUTEC	191	Survey of General Ultrasound I	2		
DUTEC	193	Survey of General Ultrasound II	2		
DUTEC	195	Survey of General Ultrasound III	2		

**Subtotal**     21

## Major Support

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
HIT	147	Medical Terminology	5		
BIOL&	241	Human A&P 1 w/ Lab	5-6		
BIOL&	242	Human A&P 2 w/ Lab	5-6		
PHYS&	100	Physics for Non-Science Majors	4		
PHYS&	101	Physics Lab for Non-Science Majors	1		

**Subtotal**     20-22

**General Education**

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
ENGL&	101	English Composition I	5		
PSYC	100+	PSYC 100 <i>or</i> above	3-5		
<b>Math (select 5 credits)</b>					
MATH	113	Geometry/Trigonometry <i>or</i>	5		
MATH&	146	Introduction to Stats	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	101	Speech Essentials <i>or</i>	3		
CMST	110	Communication Behavior <i>or</i>	3		
CMST&	210	Interpersonal Communication <i>or</i>	5		
CMST&	220	Public Speaking <i>or</i>	5		
CMST	260	Multicultural Communication	5		

**Subtotal 16-20**

**Total Credits Required 149-155**

Note: students must receive a minimum 2.5 grade in all courses.