Diagnostic Medical Sonography, AAS degree
Course Sequence – Cardiac Concentration

First Semester

COLS101	College Success	1 credits
BIOS204	Human Anatomy & Physiology I	4 credits
MATH140	College Algebra	3 credits
DMSG101	Essentials of Patient Care **(accelerated 1st half of semester)**	2 credits
DMSG103	Introduction to Acoustical Physics	2 credits
DMSG109	Introduction to the Cardiovascular System **(accelerated 1st half of semester)**	3 credit
DMSG111	Cardiac Pharmacology **(accelerated 2nd half of semester)**	1 credit
DMSG113	Non-Invasive Cardiac Testing and EKG	3 credits
DMSG117	Cardiac Procedures Clinical Education **(accelerated 2nd half of semester)**	1 credit
	Total:	**20**

Second Semester

DMSG121	Cardiac Clinical Education I	1 credits
	Total:	**1**

Third Semester

BIOS254	Human Anatomy & Physiology II	4 credits
DMSG105	Acoustic Physics & Instrumentation I	3 credits
DMSG119	Cardiac Pathophysiology I **(accelerated 1st half of semester)**	3 credits
DMSG127	Cardiac Procedures I	4 credits
DMSG 125	Sectional Anatomy for Medical Imagers	1 credit
DMSG175	Cardiac Clinical Education II **(accelerated 2nd half of semester)**	2 credits
	Total:	**17**

Fourth Semester

DMSG 225	Cardiac Clinical Education III	3 credits
DMSG251	Cardiac Pathophysiology II	3 credits
	Elective	3 credits
	Total:	**9**

Fifth Semester

CMTH102	Introduction to Communication	3 credits
ENGL101	English I	3 credits
DMSG129	IV Insertion Techniques	1 credit
DMSG 155	Acoustic Physics & Instrumentation II	2 credits
DMSG235	Cardiac Clinical Education IV	3 credits
DMSG253	Cardiac Procedures II	4 credits
	Total:	**16**

Sixth Semester

ENGL 151L	English II (Literature) (D)	3 credits
PSYC103	Introduction to Psychology	3 credits
	SIT General Education Elective	3 credits
DMSG245	Cardiac Clinical Education V	4 credits
DMSG255G	Echocardiography Seminar and Capstone Project	2 credits
	Total:	**15**

Total Degree Credits: 78

- Human Anatomy and Physiology I is substituted for one of the Human Knowledge courses.
- Computer competencies are included in various courses in this program. Thus, completing the program automatically satisfies the computing requirement for this program.
- DMSG courses must be passed with a C grade or better.