

# Diagnostic Medical Sonography, Associate in Applied Science (2025-2026 Catalog)

## Abdomen Extended/Vascular Track

Developmental Education Courses (if required)		
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop
<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	MATH022	Elementary Algebra
Program Course Prerequisites (see Admissions Requirements)		
<input type="checkbox"/>	*BIOS115 or one year of HS Biology w/ lab and a grade of B or better	
<input type="checkbox"/>	*MATH022 or two units of algebra with a C or better	

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion.

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

	complete		Course Title	Credits	Prerequisites / Corequisites
Fall	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	BIOS204	Human Anatomy and Physiology I	4	PRE: HS Biology or BIOS107 or 115
	<input type="checkbox"/>	DMSG101	Essentials of Patient Care	2	
	<input type="checkbox"/>	DMSG102	Intro to Diagnostic Medical Sonography	1	
	<input type="checkbox"/>	DMSG103	Intro to Acoustic Physics	2	PRE or CO: MATH 140
	<input type="checkbox"/>	DMSG104	Intro to Clinical Education	1	
	<input type="checkbox"/>	DMSG106	Vascular Technology - Anatomy, Physiology, Imaging & Critique I	4	PRE or CO: BIOS204
	<input type="checkbox"/>	MATH140	Applied College Algebra	3	PRE: MATH022 or Math Placement
			Total Semester Credits:	18	
Spring	<input type="checkbox"/>	BIOS254	Human Anatomy & Physiology II	4	PRE: BIOS204 with a C or better
	<input type="checkbox"/>	DMSG105	Acoustics Physics and Instrumentation I	3	PRE: MATH140
	<input type="checkbox"/>	DMSG110	Abdominal Sonography-Anatomy, Physiology, Imaging & Critique I	4	PRE: BIOS204 PRE or CO: BIOS254
	<input type="checkbox"/>	DMSG123	Abdominal & Vascular Clinical Education I	2	PRE: DMSG104
	<input type="checkbox"/>	DMSG125	Sectional Anatomy for Medical Imagers	1	PRE: BIOS204; PRE or CO: BIOS254
	<input type="checkbox"/>	DMSG237	Vascular Technology- Anatomy, Physiology, Imaging, & Critique II	4	PRE: DMSG106 PRE or CO: BIOS254
			Total Semester Credits:	18	
Summer	<input type="checkbox"/>	DMSG173	Abdominal & Vascular Clinical Education II	2	PRE:DMSG123
	<input type="checkbox"/>	DMSG 114	Gynecologic Sonography- Anatomy, Physiology, Imaging & Critique	4	
	<input type="checkbox"/>	ENGL101	English I	3	PRE: English Placement Policy
	<input type="checkbox"/>		Elective	3	
			Total Semester Credits:	12	

### Program Notes:

**Diagnostic Medical Sonography is a fall-start, selective program. The application opens October 1 annually and must be completed by the deadline outlined online under Admission Requirements. As a selective program, please carefully review and regularly all provided information and requirements.**

Meeting the minimum admissions requirements does not guarantee admission. Primary consideration is given to those who have completed: College Algebra, Human Anatomy I & II the first time a course is taken and the general education courses that apply to the program.

**Students who wish to take general education requirements towards the Sonography degree may apply to the Health Sciences AA.**

### How to search for general education electives:

In Workday's Academics- click *Find Course Sections & Register*, then use the corresponding **Course Tag** filter to see the available options.

Social Science: Societies and Institutions Over Time = SIT

Elective: All courses except OXX-level courses; EARL 221, EARL 222.

(program sequence continues on page 2)

**\*It is the student's responsibility to be knowledgeable of NCC admission and graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.**

(Continuation of program)

	complete	Course #	Course Title	Credits	Prerequisites / Corequisites
Fall	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	DMSG107	Principles of Cardiovascular Technology	2	PRE: DMSG106
	<input type="checkbox"/>	DMSG155	Acoustic Physics and Instrumentation II	2	PRE: DMSG105
	<input type="checkbox"/>	DMSG160	Abdominal Sonography – Anatomy, Physiology, Imaging, & Critique II	4	PRE:DMSG110
	<input type="checkbox"/>	DMSG223	Abdominal & Vascular Clinical Education III	2	PRE: DMSG173
	<input type="checkbox"/>	DMSG 241	Vascular Pathophysiology	3	PRE: DMSG237
			Total Semester Credits:	16	
Spring	<input type="checkbox"/>	DMSG215G	Small Parts and Special Topics	2	PRE: ENGL101
	<input type="checkbox"/>	DMSG233	Abdominal & Vascular Clinical Education IV	3	PRE: DMSG223
	<input type="checkbox"/>	DMSG239	Vascular Ultrasound Special Topics	3	PRE: DMSG237
	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	PRE: ENGL101
	<input type="checkbox"/>	PSYC103	Introduction to Psychology	3	PRE: Reading/Writing competency for ENGL101
	<input type="checkbox"/>		SIT General Education Elective	3	
			Total Semester Credits:	17	
Summer	<input type="checkbox"/>	DMSG 243	Abdominal & Vascular Clinical Education V	3	PRE:DMSG233
			Total Semester Credits:	3	
			Total Degree Credits	84	

#### General Education Requirements

<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>	DMSG215G	Writing Intensive