

N **Diagnostic Medical Sonography, Associate in Applied Science (2025-2026 Catalog)**
NORTHAMPTON **Abdomen Extended/OB-GYN Track**
COMMUNITY COLLEGE

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 with a grade of B or better
<input type="checkbox"/>	*MATH022 or two units of HS 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 #	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	PRE or CO: MATH 140
	<input type="checkbox"/>	DMSG103	Intro to Acoustic Physics	2	
	<input type="checkbox"/>	DMSG104	Intro to Clinical Education	1	
	<input type="checkbox"/>	DMSG114	Gynecologic Sonography- Anatomy, Physiology, Imaging & Critique	4	
	<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"/>	DMSG115	OB & GYN Sonography- Anatomy, Physiology, Imaging, & Critique I	3	PRE: BIOS204 PRE or CO: BIOS254
	<input type="checkbox"/>	DMSG124	Clinical Education I	2	PRE: DMSG104
	<input type="checkbox"/>	DMSG125	Sectional Anatomy for Medical Imagers	1	PRE: BIOS204
			Total Semester Credits:	17	
Summer	<input type="checkbox"/>	DMSG174	Clinical Education II	2	PRE:DMSG124
	<input type="checkbox"/>	ENGL101	English I	3	PRE: English Placement Policy
	<input type="checkbox"/>		Elective	3	
			Total Semester Credits:	8	

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 and regularly review 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.

Arts and Humanities = AH

Social Science: Scientific Study of Human Behavior = SSHB

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 the program)

	complete	Course #	Course Title	Credits	Pre-requisites / Co-requisites
Fall	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<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"/>	DMSG 265	Obstetrical Sonography- Anatomy, Physiology, Imaging and Critique II	4	
	<input type="checkbox"/>	DMSG224	Clinical Education III	2	PRE: DMSG174
	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	PRE: ENGL101
			Total Semester Credits:	18	
Spring	<input type="checkbox"/>	DMSG263	Advanced Techniques in Obstetrical Scanning	1	PRE: DMSG115
	<input type="checkbox"/>	DMSG215G	Small Parts and Special Topics	2	PRE: ENGL101
	<input type="checkbox"/>	DMSG234	Clinical Education IV	3	PRE: DMSG224
	<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:	12	
Summer	<input type="checkbox"/>	DMSG244	Clinical Education V	3	PRE:DMSG234
			Total Semester Credits:	3	
			Total Degree Credits	76	

General Education Requirements

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