

Cardiac 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
<input type="checkbox"/>	MATH026	Intermediate Algebra

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.

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 and MATH026 or two units of algebra with a C or better	

	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"/>	MATH140	College Algebra	3	PRE: MATH026 or Math Placement	
	<input type="checkbox"/>	DMSG101	Essentials of Patient Care	2		
	<input type="checkbox"/>	DMSG103	Intro to Acoustic Physics	2	PRE or CO: MATH 140	
	<input type="checkbox"/>	DMSG109	Intro to the Cardiovascular System	3	PRE: BIOS204	
	<input type="checkbox"/>	DMSG111	Cardiac Pharmacology	1	PRE: BIOS204	
	<input type="checkbox"/>	DMSG113	Non-Invasive Cardiac Testing and EKG	3	PRE: BIOS204	
			Total Semester Credits:	20		
Winter	<input type="checkbox"/>	DMSG121	Cardiac Clinical Education I	1	PRE: DMSG117 with C or better	
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"/>	DMSG119	Cardiac Pathophysiology	3	PRE or CO: BIOS254 with C or better	
	<input type="checkbox"/>	DMSG127	Cardiac Procedures I	4	PRE: DMSG109 with C or better	
			DMSG125	Sectional Anatomy for Medical Imagers	1	PRE: BIOS204; PRE or CO: BIOS254
	<input type="checkbox"/>	DMSG175	Cardiac Clinical Education II	1	PRE: DMSG121 with C or better	
			Total Semester Credits:	16		
Summer	<input type="checkbox"/>	DMSG225	Cardiac Clinical Education III	3	PRE: DMSG175 with C or better	
	<input type="checkbox"/>	DMSG251	Cardiac Pathophysiology II	3	PRE: DMSG119 with C or better	
	<input type="checkbox"/>		Elective	3		
			Total Semester Credits:	9		

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.

Arts and Humanities = AH

Scientific Study of Human Behavior = SSHB

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	Pre-requisites / Co-requisites
Fall	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ENGL101	English I	3	PRE: English Placement Policy
	<input type="checkbox"/>	DMSG129	IV Insertion Techniques	1	PRE or CO: BIOS204
	<input type="checkbox"/>	DMSG155	Acoustic Physics and Instrumentation II	2	PRE: DMSG105
	<input type="checkbox"/>	DMSG257	Cardiac Clinical Education IV	3	PRE: DMSG175 with C or better
	<input type="checkbox"/>	DMSG253	Cardiac Procedures II	4	PRE: DMSG127 with C or better
			Total Semester Credits:	16	
Spring	<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	Depends on course selected
		DMSG245	Cardiac Clinical Education V	4	PRE: DMSG257 with C or better
	<input type="checkbox"/>	DMSG255G	Echocardiography Seminar and Capstone Project	2	PRE: DMSG253 with C or better
			Total Semester Credits:	15	
			Total Degree Credits:	77	
General Education Requirements					
	<input type="checkbox"/>	ENGL151L	Diversity		
	<input type="checkbox"/>	DMSG215G	Writing Intensive		