



Radiography, Associate in Applied Science (2022-2023 Catalog)

Developmental Education Courses (if required)					
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop	<input type="checkbox"/>	MATH022	Elementary Algebra
<input type="checkbox"/>			<input type="checkbox"/>	MATH026	Intermediate Algebra
Radiography Program Prerequisites					
<input type="checkbox"/>	Completion of high school diploma or GED				
<input type="checkbox"/>	One year of HS Biology w/lab and a grade of C or better or BIOS115 Essentials of Biology w/ a grade of C or better				
<input type="checkbox"/>	Two units of algebra with a C or better or MATH022 and MATH026 with a C or better				
<input type="checkbox"/>	Career Assessment Form & Virtual Shadowing				
<input type="checkbox"/>	Official Transcripts (high school, college- attended/enrolled)				
<input type="checkbox"/>	Admissions Change of Major Form (Applied through admissions portal)				
<input type="checkbox"/>	Minimum GPA of 2.5				
Information session and interview for competitive applicants by the program's admission committee					

After Acceptance	
<input type="checkbox"/>	Negative criminal background & child abuse checks (or clearance for positive results) are required prior to program start
<input type="checkbox"/>	Negative drug screening, immunizations and a physical exam are also required
<input type="checkbox"/>	CPR (adult/child/infant & AED) certification & health insurance coverage must remain current throughout the length of the program

Radiography is a fall-start program. Students may apply starting October 1st. Students will not be able to apply to the program after March 15th. After March 15th, students who wish to take general education requirements towards the Radiography degree may apply to the Health Sciences program of study.

SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion
Plans can be modified to fit student needs by adding more semesters

Choose your courses with your Advisor.

Meeting the minimum admissions requirements does not guarantee admission. Primary consideration is given to those who have completed on first attempt:

- College Algebra/Introductory Statistics, Human Anatomy I & II or equivalent courses at other colleges
- Completed other college credit courses that apply to the program

complete	Course #	Course Title	Credits	Gen Ed	Pre-requisites / Co-requisites	
Semester 1	<input type="checkbox"/>	COLS101	College Success	1		
	<input type="checkbox"/>	BIOS204	Human Anatomy and Physiology I	4	Science	PRE: One year of HS Biology or BIOS107 or 115
	<input type="checkbox"/>	RADT102	Fundamentals of Radiologic Sciences	3		
	<input type="checkbox"/>	RADT107	Clinical Practice I	2		
	<input type="checkbox"/>	RADT111	Radiographic Procedures I	4		CO: RADT107
	<input type="checkbox"/>	RADT114	Introduction to Radiographic Imaging	3		
		Total Semester Credits:	17			
Winter	Winter Semester					
	<input type="checkbox"/>	RADT108	Clinical Practice IB	1		PRE: RADT102, RADT107, and RADT111
			Total Semester Credits:	1		

Semester 2	<input type="checkbox"/>	BIOS254	Human Anatomy and Physiology II	4	Science	PRE: BIOS204 with a C or better
	<input type="checkbox"/>	ENGL101	English I	3	Comm.	PRE: English Placement Policy
	<input type="checkbox"/>	RADT117	Clinical Practice II	2		PRE: RADT108
	<input type="checkbox"/>	RADT125	Sectional Anatomy for Medical Imagers	1		PRE: BIOS204 PRE or CO: BIOS254
	<input type="checkbox"/>	RADT208	Imaging Equipment and Radiation Production	3		PRE: RADT114
	<input type="checkbox"/>	RADT210	Level II Radiographic Procedures	4		PRE: RADT111
		Total Semester Credits:	17			

Summer	Summer Semester					
	<input type="checkbox"/>	RADT147	Clinical Practice III	4		PRE: RADT117, RADT125, RADT210
		Total Semester Credits:	4			

(semesters continue on page 2)

	complete	Course #	Course Title	Credits	Gen Ed	Pre-requisites / Co-requisites
Semester 3	<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Comm.	
	<input type="checkbox"/>	MATH140 or MATH150	College Algebra or Introductory Statistics	3	QL	PRE: MATH026 or Math Placement PRE: MATH022 or Math Placement
	<input type="checkbox"/>	RADT205	Pathology for Radiographers	2		
	<input type="checkbox"/>	RADT207	Clinical Practice IV	3		PRE: RADT147
	<input type="checkbox"/>	RADT230	Radiation Biology/Protection	3		
	<input type="checkbox"/>	RADT242	Digital Imaging and Analysis	2		PRE: RADT208
		Total Semester Credits:	16			

Semester 4	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	Comm.	PRE: ENGL101
	<input type="checkbox"/>	PSYC103	Introduction to Psychology	3	SSHB	PRE: Reading/Writing competency for ENGL101
	<input type="checkbox"/>	RADT201	Advanced Imaging	2		PRE: RADT208
	<input type="checkbox"/>	RADT217	Clinical Practice V	3		PRE: RADT207
	<input type="checkbox"/>	RADT250	Senior Review	2		PRE: RADT207
	<input type="checkbox"/>		Elective	3		
		Total Semester Credits:	16			
		Total Degree Credits	71			

General Education Requirements		
<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>	RADT courses	Writing Intensive

- Human Anatomy and Physiology I is substituted for one of the Human Knowledge Courses.
- The Social Science (SIT) requirement has been included in program courses.
- The Diversity and Global Awareness (D) requirement is satisfied by the completion of ENGL151L.
- Writing Intensive (WI) work and computer competencies are included in various courses in this program. Thus, completing the program automatically satisfies the Writing Intensive (WI) and computing requirements for this program.

Notes:

Competitive applicants have completed most, if not all, of the general core courses. The core courses are: Human Anatomy & Physiology I & II, English I & II, Speech Communication, College Algebra (or Introductory Statistics), Intro to Psychology & a free elective (3 credits, 100 level or higher). Applicants are selected for interview sessions based on their GPA and grades on their completed core courses as well as specific High School courses. If you have not taken Anatomy & Physiology I & II and the Math requirement, it is suggested you get them done first. They are weighted more than the other general core courses since they form a foundation for the program course work.

Competitive applicants (admissions requirements: <https://www.northampton.edu/radiography-program>) will receive an invitation to the mandatory Information/Interview sessions during the spring semester. Meeting the minimum requirements does not mean that you will be extended an invitation to be interviewed. The number of applicants invited to the interviews depends on the volume of the applicant pool.

High School applicants are evaluated based on their High School grades, level of their coursework and any dual enrollment courses. Promising High School applicants will be considered for a limited number of "Pre-Clinical" seats. The Pre-clinical program is essentially a three year plan where new high school graduates are accepted, on a provisional basis, and take the general core courses during the first year. Providing the specified coursework and grade criteria has been met, Pre-clinical students begin the program the second year.

Career Information:

Graduates have the option to continue as General Diagnostic Radiographers (Technologists) or to cross-train in the following areas/modalities:

- *Computed tomography (CT)*
- *Magnetic resonance (MR)*
- *Bone densitometry (BD)*
- *Mammography (M)*
- *Interventional radiology (IR)*
- *Nuclear medicine (N)*
- *Radiation therapy (T)*
- *Additional information can be found on the Career Coach webpage: <https://northampton.emsicc.com/careers/radiologic-technologist>*