



Radiography, Associate in Applied Science (2020-21 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				
<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.

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST *subject to change

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

<input type="checkbox"/>	BIOS254	Human Anatomy and Physiology II	4	Science	B,M,D	----	B,M,D	B,M	PRE: BIOS204 with a C or better
<input type="checkbox"/>	ENGL101	English I	3	Comm.	B, M, D	----	B, M, D	B, M, D	PRE: English Placement Policy
<input type="checkbox"/>	RADT117	Clinical Practice II	2		Spring- Clinical Site/Hospital				PRE: RADT107, RADT111
<input type="checkbox"/>	RADT125	Sectional Anatomy for Medical Imagers	1		----	----	B	----	PRE: BIOS204 PRE or CO: BIOS254
<input type="checkbox"/>	RADT208	Imaging Equipment and Radiation Production	3		----	----	B	----	PRE: RADT114
<input type="checkbox"/>	RADT210	Level II Radiographic Procedures	4		----	----	B	----	PRE: RADT111
Total Semester Credits:			17						

Semester 3 (Summer)									
<input type="checkbox"/>	RADT147	Clinical Practice III	4		Clinical Site- Hospital				PRE: RADT117, RADT125, RADT210
Total Semester Credits:			4						

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

	complete	Course #	Course Title	Credits	Gen Ed	Fall	Winter	Spring	Summer	Pre-requisites / Co-requisites
Semester 4	<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Comm.	B, M, D	----	B, M, D	B, M, D	
	<input type="checkbox"/>	MATH140 or MATH150	College Algebra or Introductory Statistics	3	QL	B, M, D	----	B, M, D	B, M, D	PRE: MATH026 or Math Placement
						B, M, D	----	B, M, D	B, M, D	PRE: MATH022 or Math Placement
	<input type="checkbox"/>	RADT205	Pathology for Radiographers	2		B	----	----	----	
	<input type="checkbox"/>	RADT207	Clinical Practice IV	3		Fall- Clinical Site/Hospital				PRE: RADT147
	<input type="checkbox"/>	RADT230	Radiation Biology/Protection	3		B	----	----	----	
	<input type="checkbox"/>	RADT242	Digital Imaging and Analysis	2		B	----	----	----	PRE: RADT208
		Total Semester Credits:	16							

Semester 5	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	Comm.	B, M, D	----	B, M, D	B, M, D	PRE: ENGL101
	<input type="checkbox"/>	PSYC103	Introduction to Psychology	3	SSHB	B, M, D	D	B, M, D	B, M, D	PRE: Reading/Writing competency for ENGL101
	<input type="checkbox"/>	RADT201	Advanced Imaging	2		----	----	B	----	PRE: RADT208
	<input type="checkbox"/>	RADT217	Clinical Practice V	3		Spring- Clinical Site/Hospital				PRE: RADT207
	<input type="checkbox"/>	RADT250	Senior Review	2		----	----	B	----	PRE: RADT207
	<input type="checkbox"/>		Elective	3		B, M, D	D	B, M, D	B, M, D	
			Total Semester Credits:	16	SIT					
		Total Degree Credits	70							

General Education Requirements

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

Notes: Elective can be any course except: OXX-level courses & EARL 221 & 222

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. High School applicants are typically on a three year path and take the general core courses during the first year and apply (reapply) to the program in their 2nd semester. High School students are encouraged to apply so they have the opportunity to be invited to the information/interview session for more information on the career choice.

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)