



Radiography, Associate in Applied Science (2019-20 Catalog) with HONORS

Developmental Education Courses (if required)				<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH022	Elementary Algebra	
<input type="checkbox"/>	ENGL027	Writing Skills Workshop	<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					Application Packet is due by February 1st
<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					

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.

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST *subject to change (see separate list for honors)

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 (honors option)	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						

	complete	Course #	Course Title	Credits	Gen Ed	Fall	Winter	Spring	Summer	Pre-requisites / Co-requisites
Semester 4	<input type="checkbox"/>	CMTH102	Intro to Communication (honors option)	3	Comm.	B, M, D	----	B, M, D	B, M, D	
	<input type="checkbox"/>	MATH140 or MATH150	College Algebra or Introductory Statistics (honors option)	3	QL	B, M, D	----	B, M, D	B, M, D	PRE: MATH022 or Math Placement
	<input type="checkbox"/>	RADT205	Pathology for Radiographers	2		B	----	----	----	PRE: MATH026 or Math Placement
	<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) (honors option)	3	Comm.	B, M, D	----	B, M, D	B, M, D	PRE: ENGL101
	<input type="checkbox"/>	PSYC103	Introduction to Psychology (honors)	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 (honors option)	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

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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)

Elective Honors Courses: ALL honors courses