

RADIOGRAPHY
#3840
Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

Due to the competitive nature of the program, the difficulty level of the didactic (lecture) courses and the 1600 hours of clinical education, most students follow the three year track to successfully complete the program

SEMESTER I			SEMESTER II		
		CREDITS			CREDITS
English Composition I	ENG 111	3	English Composition II	ENG 112	3
Anatomy & Physiology I	BIO 101	4	Anatomy & Physiology II	BIO 102	4
General Psychology	PSY 113	3	Computer Concepts with Appl.	CMP 135	<u>3</u>
Speech Fundamentals	COM 109	<u>3</u>			
	TOTAL	13		TOTAL	10
SEMESTER III			SEMESTER IV		
Introduction to Radiography *	RAD 100	2	Radiation Biology & Physics	RAD 110	3
Math for Radiographers	MAT 140	1	Principles of Radiography II	RAD 114	4
Principles of Radiography I	RAD 104	4	Radiography Clinical Practice II	RAD 117	<u>2</u>
Radiography Clinical Practice I	RAD 107	<u>1</u>		TOTAL	9
	TOTAL	8			
SUMMER SESSION V			SEMESTER VII		
Intermediate Clinical Practice	RAD 120	3	Principles of Radiography IV	RAD 220	4
			Advanced Imaging	RAD 224	2
SEMESTER VI			Radiography Clinical Practice IV	RAD 227	<u>2</u>
Pathology for Radiography	RAD 200	2		TOTAL	8
Principles of Radiography III	RAD 204	4	SEMESTER VIII		
Radiologic Special Imaging	RAD 207	3	Advanced Clinical Practice	RAD 230	3
Radiographic Exposure	RAD 210	3			
Radiography Clinical Practice III	RAD 213	<u>2</u>			
	TOTAL	14			

MATHEMATICS: Program accrediting agencies regulations will not permit students to substitute MAT 140 Math for Radiographers with another course.

SCIENCE: Science courses completed by students prior to entering the program must be less than seven years old. If the science courses exceed the seven-year limit, students can prove their competency by testing through the Biology Department or they must retake the course. Anatomy and Physiology I and II are the required Science courses for the Radiography Program.

TECHNOLOGY LITERACY: All students must complete CMP 135. However, it is possible for a student to substitute CMP 135 with another CMP course. Students should see the program officials prior to substitution.

SOCIAL SCIENCE/HUMANITIES: Program accrediting agencies regulations will not permit students to substitute PSY113 for any other course.

HONORS COURSES: You may be eligible to take honors courses. For more information, contact Prof. Laura Gabrielsen at 973-328-5459.

* Students are not eligible for the professional (clinical) phase unless all developmental courses are successfully completed. You must demonstrate basic skills by passing all sections of the Math Accuplacer Test and English Placement Test or by successfully completing developmental courses in MAT 007 Basic Algebra (or equivalent) and, MAT 016 Intermediate Algebra, any required ESL courses, ENG 022 Elements of Writing, ENG 025 Writing Skills, or ENG 007 Writing Skills Review

THREE YEAR TRACK
Suggested Sequence by Semester

SEMESTER	COURSE		CREDITS	WHEN OFFERED
SEMESTER I				
Fall Semester	English Composition I	ENG 111	3	Day & Evening
	Anatomy & Physiology I	BIO 101	4	Day & Evening
	General Psychology	PSY 113	3	Day & Evening
	Speech Fundamentals	COM 109	3	Day & Evening
SEMESTER II				
Spring Semester	English Composition II	ENG 112	3	Day & Evening
	Anatomy & Physiology II	BIO 102	4	Day & Evening
	Computer Concepts with Appl.	CMP 135	3	Day & Evening
SEMESTER III				
Fall Semester	Introduction to Radiography	RAD 100	2	Day
	Principles of Radiography I	RAD 104	4	Day
	Radiography Clinical Practice I	RAD 107	1	Day
	Math for Radiographers	MAT 140	1	Day
SEMESTER IV				
Spring Semester	Radiation Biology & Physics	RAD 110	3	Day
	Principles of Radiography II	RAD 114	4	Day
	Radiography Clinical Practice II	RAD 117	2	Day
SEMESTER V				
Summer Session I	Intermediate Clinical Practice	RAD 120	3	Day
SEMESTER VI				
Fall Semester	Pathology for Radiography	RAD 200	2	Day
	Principles of Radiography III	RAD 204	4	Day
	Radiologic Special Imaging	RAD 207	3	Day
	Radiographic Exposure	RAD 210	3	Day
	Radiography Clinical Practice III	RAD 213	3	Day
SEMESTER VII				
Spring Semester	Principles of Radiography IV	RAD 220	4	Day
	Advanced Imaging	RAD 224	2	Day
	Radiography Clinical Practice IV	RAD 227	2	Day
SEMESTER VIII				
Summer Session II	Advanced Clinical Practice	RAD 230	3	Day