

RADIOLOGIST ASSISTANT PROGRAM

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The Radiologist Assistant pathway was developed by the American College of Radiology and the American Society of Radiologic Technologists to meet the increasing demands of imaging technology. Radiologist assistants function as physician extenders whose focus is strictly within the radiology department. They provide expanded patient management, perform complex procedures and conduct research and teaching. One of the radiologist assistant's most important functions is providing direct patient care including preprocedure consultations and procedure preparation. In clinical practice, the radiologist assistant works under the supervision of a board-certified radiologist. The Radiologist Assistant program at Quinnipiac University is formally recognized by the American Registry of Radiologic Technologists.

Clinical Experiences

Clinical experiences enable students to apply the knowledge learned in the first two semesters of the program. In total, the program requires approximately 2,100 hours of clinical experience. Quinnipiac provides all clinical placements and clinical preceptors throughout the program. Clinical placements include sites in Massachusetts and New York. Students are responsible for travel, housing and all other expenses related to clinical rotations.

MHS in Radiologist Assistant Curriculum

Course	Title	Credits
First Year		
Summer Semester		
PA 502	Medical Terminology: Advanced	2
PY 519 & 519L	Human Anatomy and Human Anatomy Lab	4
RA 505	Clinical Pharmacology I	3
RA 520	Radiation Safety and Health Physics	2
Credits		11
Fall Semester		
RA 518	Imaging Pathophysiology	3
RA 530	Image Critique and Pathologic Pattern Recognition I	3
RA 532	Interventional Procedures I	3
RA 545	Research Methods and Design	3
PY 518 & 518L	Physical Diagnosis and Physical Diagnosis Lab	4
Credits		16
Spring Semester		
RA 531	Image Critique and Pathologic Pattern Recognition II	3
RA 535	Interventional Procedures II	3
RA 550	Clinical Seminar I	1
RA 570	Radiologist Assistant Clinical I	3
RA 590	Thesis I	1
Credits		11

Second Year

Summer Semester

RA 551	Clinical Seminar II	1
RA 571	Radiologist Assistant Clinical II	5
RA 591	Thesis II	2
Credits		8

Fall Semester

RA 552	Clinical Seminar III	3
RA 572	Radiologist Assistant Clinical III	5
Credits		8

Spring Semester

RA 573	Radiologist Assistant Clinical IV	5
Credits		5
Total Credits		59

Student Learning Outcomes

Upon completion of the Radiologist Assistant program, students will demonstrate the following competencies:

1. **Integrate** professional, ethical and legal standards and interdisciplinary collaboration into radiologist assistant practice.
2. **Integrate** effective written, oral and nonverbal communication skills into radiologist assistant practice.
3. **Utilize Information Technology and Informatics** to communicate, manage knowledge, mitigate error and support clinical decision-making in radiologist assistant practice.
4. **Synthesize** clinical data and scientific evidence, apply appropriate modalities, evaluate findings and make recommendations within the scope of radiologist assistant practice.
5. **Provide** patient-centered care.
6. **Assume a Leadership Role** in applying quality-improvement methods.

Mission Statement

The Quinnipiac University Master of Health Science in Radiologist Assistant program is designed to prepare advanced practitioners in the field of radiology. The mission of the program is to develop students' technical professional and interpersonal communication skills through a logical and organized sequence of didactic, laboratory and clinical experiences. The program offers multiple clinical assignments to provide maximum exposure to diversified radiographic and interventional procedures and imaging protocols. In addition, the program prepares skilled graduates who are competent in the art and science of radiography, fluoroscopy and interventional procedures. Graduates of the radiologist assistant program are prepared for career entry and are capable of meeting the needs of the community for highly qualified professionals.

Admission to the Program

Candidates applying for admission to the Master of Health Science in Radiologist Assistant program are required to be a radiologic technologist in good standing with the American Registry of Radiologic Technologists. They must have a bachelor's degree, documented evidence of at least 2,000 hours of direct patient care contact post-radiography certification, certification in CPR for Healthcare Professionals and have completed the following prerequisite course requirements:

Code	Title	Credits
	Chemistry	4
	College-level mathematics	3
	Biology with labs, including anatomy and physiology	16
	Pathophysiology	3
	Total Credits	26

The curriculum for the professional courses in the program are subject to modification as deemed necessary to maintain a high-quality educational experience and keep current with best practices in the profession.

Accreditation

The Radiologist Assistant program is formally recognized by the American Registry of Radiologic Technologists (ARRT). The ARRT recently extended the recognition period for the Radiologist Assistant educational program at Quinnipiac University for a period of five years, extending through July 31, 2022. The program has submitted documentation to AART for continued recognition and is anticipating a response by August 2022. Students who graduate from the program will meet ARRT's educational eligibility requirement for certification and registration as Registered Radiologist Assistants. To obtain or maintain ARRT recognition, educational programs must meet criteria including accreditation, clinical education and preceptorship requirements. ARRT grants initial recognition for up to three years and continuing recognition for up to five years per reapplication.