

# Radiation Sciences

The UI Hospitals & Clinics  
Carver College of Medicine

## Technical Standards

Individuals admitted to one of The University of Iowa Hospitals and Clinics' & Carver College of Medicine Radiation Sciences Programs must possess the capability to complete the entire curriculum and achieve certification. This curriculum requires demonstrated proficiency in a variety of cognitive, problem-solving, manipulative, communicative and interpersonal skills. Therefore, all students admitted to one of the Radiation Sciences Programs must possess the following abilities and to be able to meet all expectations, with or without a reasonable accommodation. If you have any questions regarding these standards or your ability to meet these standards, you should contact the Program's Director.

1. Candidates must be able to observe and participate in all demonstrations and experiments in the basic sciences, including group and self learning situations.
2. Candidates must be able to learn to analyze, synthesize, solve problems, and reach evaluative judgment.
3. Candidates must have sufficient use of the senses of vision, hearing, and touch necessary to directly perform imaging/therapeutic procedures, and review and evaluate the recorded results for the purpose of identifying proper patient positioning, accurate procedural sequencing, proper quality, and other appropriate and pertinent technical qualities.
4. Candidates must be able to relate reasonably to patients and establish a sensitive, professional and effective relationship with them. In addition, candidates must be able to communicate verbally in an effective manner to direct patients during procedures.
5. Candidates must be able to provide physical and emotional support to the patient during the procedures, being able to respond to situations requiring first aid and providing emergency care to the patient in the absence of, or until the physician arrives.
6. Candidates must be able to display judgment in the assessment of patients. In addition, the candidate must be able to learn and demonstrate the ability to recognize limitations in their knowledge, skills, and abilities and to seek appropriate assistance with their identified limitations.
7. Candidates are expected to possess the ability to work collaboratively with all members of the health care team.
8. Candidates are expected to be able to learn and perform routine imaging/therapeutic procedures. In addition, candidates must have the mental and intellectual capacity to calculate and select proper technical exposure factors according to the individual needs of the patient and the requirements of the procedure's standards of speed and accuracy.
9. Candidates must have sufficient strength, motor coordination, and manual dexterity to transport, move, lift, and transfer patients from a wheelchair or cart to an x-ray table or to a patient bed; move, adjust, and manipulate a variety of imaging/therapeutic equipment, including the physical transportation of mobile equipment.
10. Candidates must be able to learn to respond with precise, quick, and appropriate action in stressful and emergency situations.
11. Candidates are expected to be able to accept criticism and adopt appropriate modifications in their behavior.
12. Candidates are expected to possess the perseverance, diligence, and consistency to complete the Program curriculum and enter into the practice as a certified technologist.

Do you expect that you can perform the TECHNICAL STANDARDS identified above in a satisfactory manner, with or without a reasonable accommodation?  Yes  No

Signature

Date

Return this form with your completed application form.

The University of Iowa requests this information for the purpose of making an admission decision about you. No persons outside the University are routinely provided this information, except for items of directory information such as name and local address. Responses to all items are required. If you fail to provide the required information, the University may not consider your application. The University of Iowa prohibits discrimination in employment and in educational programs and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information on nondiscrimination policies, contact the Coordinator of Title IX, Section 504, and the ADA in the Office of Equal Opportunity and Diversity, (319) 335-0705 (voice) and (319) 335-0697 (text), The University of Iowa, 202 Jessup Hall, Iowa City, Iowa 52242-1316.