

# Radiation Sciences

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Radiation sciences professionals work with physicians to gather accurate patient information for diagnosis, treatment, and/or research of disease and injury. They provide direct patient care, produce quality images, and deliver treatment using a variety of radiation sources. The radiation sciences professional must apply knowledge, skill, and mature judgment while operating complex equipment safely and efficiently. Strong communication, organizational, and patient care skills are essential for a successful career in radiation sciences.

The University of Iowa's radiation sciences educational programs are designed to provide students with opportunities for intellectual, professional, and social growth. Students learn with faculty members and instructors who are committed to radiation sciences education.

Radiation sciences is one of two undergraduate majors in the field of medical imaging offered by the Carver College of Medicine. It encompasses radiologic technology, breast imaging, computed tomography, magnetic resonance imaging, cardiovascular interventional, diagnostic medical sonography, and radiation therapy programs. The other undergraduate major in medical imaging is nuclear medicine technology; see Nuclear Medicine Technology in the catalog.

The Carver College of Medicine is located on the University of Iowa health sciences campus, which includes University of Iowa Health Care, one of the nation's largest university-owned teaching hospitals. For information about the college's academic programs and resources, see Carver College of Medicine in the catalog.

UI Health Care and the Carver College of Medicine have a proud academic tradition of preparing students for successful careers in the radiation sciences. Today, that tradition continues through its strong curriculum, quality clinical experience, and commitment to undergraduate education in the creation of images and treatment of patients using highly sophisticated equipment and techniques.

The Carver College of Medicine, in partnership with the Department of Radiology, is committed to equal access and, consistent with its academic mission and standards, strives to achieve excellence through the advancement of diversity. The Carver College of Medicine recognizes and values all aspects of human difference, defining diversity in the broadest sense. Its programs strive to create a welcoming culture.