



Radiologic Sciences

Education

The minimum educational requirement for radiologic science professionals preparing for their role on the interdisciplinary team is satisfactorily completing an accredited educational program in a particular imaging modality. There exists a variety of programs in all modalities. Besides the certificate level programs, some offer an associate's or bachelor's degree but the large majority of programs offer a degree at the associate degree level. The number and type of programs varies by imaging modality. Currently, there are 621 accredited radiography programs, 84 accredited radiation therapy programs, 2 accredited MRI programs, 8 accredited medical dosimetry programs, 121 nuclear medicine programs, and 153 diagnostic medical sonography programs in the United States.

Link to American Society of Radiologic Technologists, Professional Resources for all imaging modalities.
https://www.asrt.org/Content/ProfResources/_professionalresources.aspx

Certifications

Radiologic Science Professionals pass a national certification examination given by the respective certification or registry organizations. The Radiologic Science certification organizations include: ARRT, ARDMS, NMTCB and MDCB. (www.arrt.org), (www.ardms.org), (www.nmtcb.org), (www.mdcb.org). Some states require licensure as well.

Roles and functions

Radiologic Science Professionals provide services to patients/clients who require diagnostic imaging studies or therapeutic radiation treatment. They can specialize in one or multiple imaging modalities. The radiologic science professional performs a wide variety of diagnostic imaging or therapeutic procedures whether it be in radiography, Computed Tomography, Magnetic Resonance Imaging, Nuclear Medicine, Diagnostic Medical Sonography or Radiation Oncology. They are the primary liaison between patients and radiologists and other members

of the healthcare team. Administrator, researcher and educator are additional potential roles.

Practice settings

Radiologic Science Professionals work with individuals of all ages in a variety of practice settings. These include but are not limited to: hospitals, outpatient imaging centers, physician offices, mobile, education, and commercial industry or research centers.

Professional association links for further info on the professional organizations:

www.asrt.org

www.snm.org

www.astro.org

www.smr.org

www.sdms.org

www.aairs.org

Link to TJU education program:

<http://www.jefferson.edu/jchp/di/>