



Master of Science in Radiologic Sciences

School of Health
Professions

THE UNIVERSITY OF TEXAS

**MDAnderson
Cancer Center**

Making Cancer History®

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There is a predicted shortage of radiologic sciences professionals who are qualified to take on leadership positions in the industry. Many director and faculty positions require an advanced degree, and there are very few master's programs in the field. As baby boomers begin to retire, there will be an even greater need for qualified professionals to take their place.”

William Undie, Ed.D.
Dean ad interim
Associate Professor



Master of Science in Radiologic Sciences

**Specializations in Administrative Leadership,
 Educational Leadership and Medical Imaging Informatics**

The Master of Science in Radiologic Sciences (MSRS) program provides medical imaging, radiation therapy and medical dosimetry professionals with the knowledge and skills essential for career advancement within health care and higher education. Using a specialized program of study, learners develop innovative and dynamic leadership skills that they can demonstrate in any administrative, educational or imaging informatics position. The interdisciplinary perspective and cross-functional design of the program prepare learners to be successful in handling multifaceted challenges amid increased expectations and constrained resources in health care or higher education.

The program offers three tracks leading to the Master of Science degree:

- Administrative Leadership
- Educational Leadership
- Medical Imaging Informatics

Hybrid online program structure for the working professional:

- Degree completion in five semesters
- Hybrid online instruction
- Only two required virtual class meetings each semester
- Access lectures synchronously using a web-based conference platform

About the Program

Students enrolled in the MSRS program come from a wide spectrum of specialties in the radiologic sciences, bringing an extensive variety of academic and professional backgrounds and experiences. Students explore contemporary issues and practices in health care or higher education while acquiring analytic, leadership and management skills to influence organizational successes. Graduates of the program have a variety of opportunities to serve in leadership roles, including:

- Director or manager for hospitals or outpatient imaging facilities
- Instructor or professor for radiologic sciences programs
- Imaging informatics professional for health care institutions

Administrative Leadership

This track prepares graduates to lead and manage a medical imaging or radiation therapy department and explores topics such as health care finance, revenue cycle, coding strategies, human resources management and policy analysis.

Educational Leadership

This track prepares graduates to lead and teach in radiologic sciences educational programs and focuses on curriculum development, accreditation, adult learners, higher education instruction and critical thinking strategies.

Medical Imaging Informatics

This track prepares graduates to work in imaging informatics and teaches content related information technology, computer science and medical imaging. Graduates are eligible to take the Certified Imaging Informatics Professional examination offered by the American Board of Imaging Informatics.

Regardless of track, learners are required to successfully defend a thesis. The primary purpose of a thesis is to provide an opportunity for learners to engage in research and conduct an in-depth study in a specific area of interest under the direction of an adviser. In addition, learners must complete a supervised internship where they apply practical skills to gain professional experience in an administrative, educational or medical imaging informatics environment.

[View the Radiologic Sciences webpage](#)

[View the curriculum](#)



Admission Requirements

Students enter the program in January of each year. Admission is on a competitive basis with a minimum overall undergraduate GPA of 3.0 on a 4.0 scale. Meeting the minimum criteria does not guarantee acceptance. For application deadlines, detailed requirements and admission forms, please refer to our website at mdanderson.org/SHPApply.

The minimum requirements for admission consideration include:

- Bachelor's degree from an accredited institution
- Undergraduate course in mathematics statistics or basic research with a grade of "C" or better
- Online application, including a statement of purpose
- Three recommendation forms
- Official transcript from each college attended
- Resume
- Foreign college transcripts should include a course-by-course and grade-by-grade evaluation from an approved agency

Applicants must also hold credentials by one of the following agencies:

- American Registry for Diagnostic Medical Sonography (ARDMS)
- The American Registry of Radiologic Technologists (ARRT)
- Medical Dosimetrist Certification Board (MDCB)
- Nuclear Medicine Technology Certification Board (NMTCB)

[How to Apply](#)

Tuition and Enrollment

- Students enroll in six credits each semester.
- \$1,600 Estimated tuition and fees each semester.
- MSRS program is part of the [Academic Common Market](#), a tuition savings program.

For more information about the MSRS program, please visit mdanderson.org/SHP/RS or call 713-745-1205.



About MD Anderson Cancer Center

The University of Texas MD Anderson Cancer Center is one of the world's most respected centers devoted exclusively to cancer patient care, research, education and prevention. MD Anderson employs more than 22,000 people, including nearly 1,800 faculty members. With faculty and staff working in more than 25 buildings across Houston and Central Texas, MD Anderson is one of the largest cancer centers in the world.

With a prestigious reputation of #1 in cancer care as recognized by US News & World Report and recognized for excellence in cancer care and academics, the School of Health Professions at MD Anderson provides rigorous and relevant degree programs, in a vibrant learning environment that is connected to a thriving hub of scientific collaborations at the prestigious Texas Medical Center. The School of Health Professions can help individuals achieve their goal of a master's degree at a fraction of the cost of comparable programs.

Quick Facts



The University of Texas MD Anderson Cancer Center is ranked No. 1 for cancer care by U.S. News and World Report's "Best Hospitals" survey.



MD Anderson was created in 1941 as part of The University of Texas System.



Located in the Texas Medical Center, just minutes from Downtown Houston.



Learn from faculty who have years of practical experience in their field.



1 of 2 Master's program in Radiologic Sciences in Texas. 1 of 13 in the United States.

The University of Texas MD Anderson Cancer Center is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of The University of Texas MD Anderson Cancer Center.