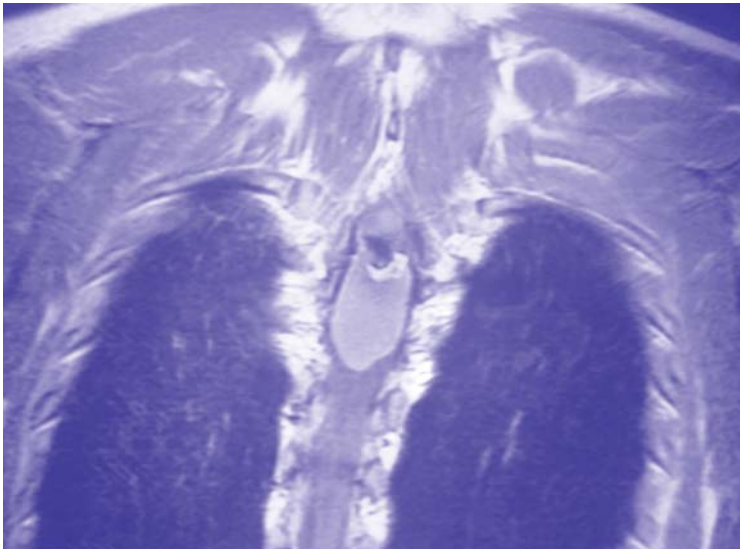
UNM SCHOOL of MEDICINE

RADIOLOGIC SCIENCES BACHELOR DEGREE PROGRAM

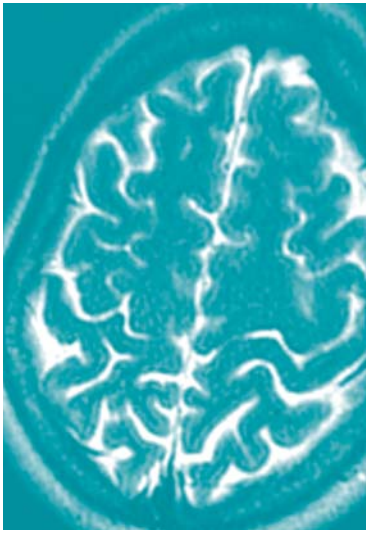
Emphasis in Magnetic Resonance Imaging

Magnetic Resonance Imaging technologists use specialized equipment to produce cross sectional images of the human anatomy. Unlike diagnostic x-rays and Computed Tomography, Magnetic Resonance Imaging (MRI) does not depend on radiation to produce images. MRI produces diagnostic images by placing the patient's body in a strong magnetic field. MRI images are able to show differences in water content between various body tissues. MRI is used for detecting pathologies such as tumors, infections, lesions, arterial and vascular abnormalities, and trauma to organs etc. Magnetic Resonance Imaging technologists are responsible for explaining the procedure and preparing the patients for their examination, documenting the patient's medical history and ensuring that the desired anatomy and pathology is accurately demonstrated. With an advanced imaging education such as Magnetic Resonance Imaging as well as completing a Bachelor of Sciences degree in Radiologic Sciences (BSRS) you will be recognized as a leader in your field.



OUR PROGRAM

BSRS with an emphasis in Magnetic Resonance Imaging, at the University of New Mexico is a degree completion program for those students who would like to finish the last two years of education to gain a bachelor's degree. Aside from the additional course work for the BSRS, the Magnetic Resonance Imaging program consists of three semesters of clinical training and two additional physics/instrumentation classes, which leads to a Certificate in Magnetic Resonance Imaging. It is designed to accommodate those technologists who are working while finishing their BSRS. Eligible participants are registered technologists in the field of diagnostic imaging. Students are admitted into the Magnetic Resonance Imaging program in the fall semester. The program is accredited by the North Central Association of Colleges and Schools, and the Commission on Institutions of Higher Education. Upon successful completion, students are eligible to sit for the national MRI certification examination administered by the American Registry of Radiologic Technologists (ARRT).



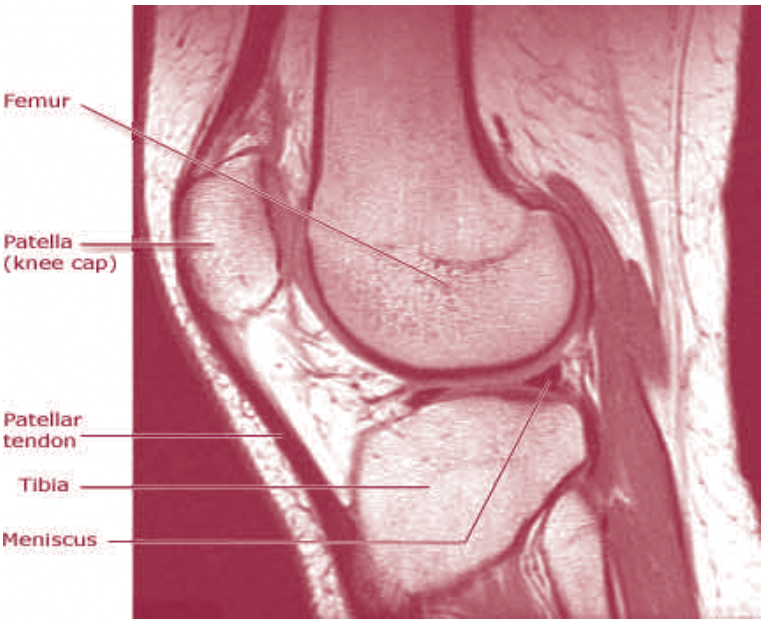
ADMISSION PROCEDURE

The application deadline for admittance into the Magnetic Resonance Imaging program is June 1st of each year. Program information is provided upon request from the Radiologic Sciences Department in the UNM School of Medicine. Applicants submit completed applications directly to the Radiologic Sciences Program. A separate application to the University of New Mexico is required only if an applicant is accepted into the program. We will invite applicants who appear to be best qualified for an interview with the Program Selection Committee, and final selection is made from the interviewees. The program's selection process does not discriminate against any applicant based on sex, age, race, religion, creed, or national origin.

ADMISSION REQUIREMENTS

We admit up to six students to the Magnetic Resonance Imaging Program each year and the majority of applicants accepted are New Mexico residents. Selection criteria include grade point average, completed prerequisites, health care experience, references, and an interview with the Program Selection Committee.

1. Applicant must meet the University of New Mexico admission requirements (refer to UNM Catalog).
2. While competitive grade point averages are usually higher, each applicant must have a minimum cumulative grade point average of 2.5 in post-secondary course work.
3. A completed application, three letters of recommendation, and official transcripts must be received by the Radiologic Sciences Program office by June 1st. Please visit the checklist located on the Radiologic Sciences website for verification of completed application process:
   http://hsc.unm.edu/som/radiology/RadSciences.shtml
4. Students participating in the CT program must be certified by the American Registry of Radiologic Technologists (ARRT) or the Nuclear Medicine Technologist Certification Board (NMTCB) prior to admission.
5. The program selection committee will conduct personal interviews with selected student candidates.



PROGRAM CURRICULUM

For those who have already completed a certified Radiography program or Nuclear Medicine program, this course work is required to be transferable from another institution. The following curriculum is required for completion of the Radiologic Sciences Bachelor Degree Program with an emphasis in Computed Tomography.

Class			Credit Hours
ENGL	101	Composition I: Exposition	3
ENGL	102	Composition II: Analysis and Argument	3
MATH	121	College Algebra	3
BIOL	123	Biology for Health Related	
	and 124L	Sciences and Non-Majors	4
BIOL	237	Human Anatomy & Physiology I for	
		The Health Sciences	3
BIOL	247L	Human Anatomy & Physiology Lab I	1
BIOL	238	Human Anatomy & Physiology II for	3
		The Health Sciences	
BIOL	248L	Human Anatomy & Physiology Lab II	1
PSY	105	General Psychology	3
ECON	105	Introductory Macroeconomics	3
ECON	106	Introductory Microeconomics	3
ECON	335	Health Economics	3
CS	150L	Computing for Business Students	3
PHIL	245	Professional Ethics	
	or 102	Current Moral Problems	3
		Sociology Elective from list	3
		CJ Elective from list	3
		CJ Elective from list	3
		Humanities	3
		Foreign Language	3
		Fine Arts	3
HSCI	380	Human Cross Sectional Anatomy, *Fall only*	3
HSCI	406	Medical Imaging Theory III	3
HSCI	406	Medical Imaging Theory III	3
HSCI	378	Current Problems I, *Spring only*	3
HSCI	405	Medical Imaging Theory II, *Fall, Spring*	
		Total credit hours	**75**

Requirements for MRI emphasis:

Rad	450	Physics of Magnetic Resonance Imaging I, *Fall only*
Rad	451	Physics of Magnetic Resonance Imaging I, *Spring only*
Rad	460	MRI Clinical I
Rad	461	MRI Clinical II

Course numbers are for UNM. Consult the UNM Catalog for further course descriptions.

TUITION AND FEES

Tuition for the Radiologic Sciences Bachelor Degree program and MRI program is based on current tuition. Please refer to the most recent course catalog.

General UNM information may be obtained by calling: 1-800-CALL UNM (225-5866).

Consult the UNM Catalog for information on tuition, financial aid, housing, or admission requirements for the University. The Catalog is available at the UNM Bookstore, University of New Mexico, Albuquerque; or online at: *www.unm.edu/*

To comply with the ADA and the Rehabilitation Act of 1973, UNM provides this publication in alternative formats. If you have special needs and require an auxiliary aid or service please contact the Program office.

This brochure contains pertinent information concerning the Radiologic Sciences Bachelor Degree Program and CT program and is subject to change without written notice obligation. The Radiologic Sciences Bachelor Degree Program cannot be held responsible for misinterpretation of information.

RADSCI/CT/PROGRAM-BRO R11/08/08

For further Radiologic Sciences Bachelor Degree and MRI program information or application materials, contact:

Radiologic Sciences Programs

Located in the Health Sciences & Services Building
2nd Floor, Room 217
University of New Mexico
Albuquerque, New Mexico 87131
Phone: (505) 272-5254
Fax: (505) 272-8079
http://hsc.unm.edu/som/radiology/RadSciences.shtml

Elizabeth J. Greer, M.Ed., R.T. (R)
Director
Radiologic Sciences Program

UNM SCHOOL of MEDICINE

Radiologic Sciences Programs
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