

### The Profession

Radiologic Imaging Sciences (Radiologic Technology) is a dynamic health care profession and an integral part of the health care team concept. The registered radiographer performs a variety of radiographic (x-ray) procedures while maintaining good patient care and observing radiation safety guidelines. The products of these procedures are used in the diagnosis and treatment of disease.

Employment opportunities are available throughout the state and nation in hospitals, clinics, doctor's offices, public health institutions, and industrial medical clinics. With additional education and/or experience, graduates may specialize in fields within or closely related to radiography, such as radiation therapy, nuclear medicine, special procedures, medical sonography, computed tomography, cardiac catheterization, magnetic resonance imaging, administration, and education. In recent years, starting salaries for Radiologic Technologists were in the range of \$36,000—\$55,000 per year.

### The Program

The mission of the Division of Radiologic Imaging Sciences is to provide a progressive academic and clinical educational environment for qualified students and prepare them as competent and compassionate Radiologic health care providers.

The College of Health Related Professions offers an Associate of Science in Medical Radiography and a Bachelor of Science degree in Radiologic Imaging Sciences. The pre-professional curriculum consists of 27 semester credits (SC) of specified coursework which may be completed at any accredited college or university. The Associate of Science professional portion of the curriculum consists of four (4) semesters and one (1) summer over 22 continuous months of full-time course work with classes beginning each August. Classroom course work accompanies clinical experiences in most semesters. The Bachelor of Science (B.S.) professional portion of the curriculum consists of six (6) semesters and two (2) summers over 36 months minimum of full-time coursework with classes beginning each August. The B.S. course work is offered via the Web using the Blackboard learning system.

Applicants are asked to rank their preferences for the following three program sites when completing their applications.

**Fayetteville** accepts 9 students every fall. For more information, contact Mr. Shawn Thurow: (479) 521-8269 or [SThurow@uams.edu](mailto:SThurow@uams.edu).

**Little Rock** accepts 22 students every fall. For more information, contact Mrs. Cindy Saylor: (501) 686-6510 or [CPSaylor@uams.edu](mailto:CPSaylor@uams.edu).

**Texarkana** accepts 17 students every fall. For more information, contact Mr. Dusty Pedigo: (870) 779-6054 or [PedigoWilliam@uams.edu](mailto:PedigoWilliam@uams.edu).

**Career Ladder and Advanced Placement for Degree Completion:** The Division offers a career ladder opportunity for ARRT-certified radiologic technologists who have graduated from a hospital-based radiography program and who want to pursue the Bachelor of Science in Radiologic Imaging Sciences. The Division also offers an advanced placement opportunity for ARRT-certified Radiologic technologists who have earned an Associate of Science degree and who want to pursue the Bachelor of Science degree must have official transcripts sent from all colleges attended, must have all the prerequisite course work completed for the UAMS Associate of Science degree, must be an RT(R)/ARRT in CE Compliance, must provide a copy of the ARRT card, and must have 2 reference forms (completed by most recent radiography supervisor, program director, or faculty member in the program they attended). Please contact the division director for more information. Deadlines for these programs are: July 1 for fall and December 1 for spring.

A Master of Imaging Sciences degree to prepare Radiologist Assistants is also offered in the Division.

### Pre-professional Curriculum

The following 27 semester credits are required from a regionally accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

Area/Typical Course Title	Minimum Semester Credit
<b>SCIENCE</b>	
College Algebra*	3
Anatomy & Physiology*	4-8
<b>(Must cover all body systems and include laboratory sessions.)</b>	
<b>LIBERAL ARTS</b>	
English Composition I	3
English Composition II	3
American History or National Government	3
<b>SOCIAL SCIENCES</b>	
Psychology	3
Sociology	3
<b>COMMUNICATIONS</b>	
Speech or Oral Communications	2
<b>COMPUTER SCIENCE</b>	
Computer Fundamentals/Applications	3
	27-31

\*These science courses must be completed within seven years prior to admission to the program.

Additional requirements for the bachelor of science degree that may be obtained either prior to or concurrent with the professional program are:

Bachelor of Science Degree	Minimum Semester Credit
Fine Arts	3
History of Civilization or World History	6
Humanities	3
	12

Not more than one course in the following group will be accepted in transfer to meet degree requirements: band, studio, physical education, military science, English as a second language (ESL), manual skills.

### Professional Curriculum

**Associate of Science in Medical Radiography Degree:** The following 60 SC are offered in the Associate of Science professional program. All courses as listed below must be successfully completed to obtain the Associate of Science degree.

Course #	Title	Semester Credit
<b>Fall Semester (1)</b>		
RAD 2212	Radiologic Anatomy	2
RAD 2321	Basic Patient Care	3
RAD 2322	Radiographic Procedures I	3
RAD 2123	Radiographic Procedures I Laboratory	1
RAD 2331	Radiation Physics	3
RAD 2226	Clinic Practicum I	2
		14
<b>Spring Semester (2)</b>		
RAD 2324	Radiographic Exposure	3
RAD 2125	Radiographic Exposure Laboratory	1
RAD 2332	Radiographic Procedures II	3
RAD 2133	Radiographic Procedures II Laboratory	1
RAD 2234	Radiologic Imaging	2
RAD 2335	Clinic Practicum II	3
		13

### Summer Semester (3)

RAD 3541	Clinic Practicum III	5
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### Fall Semester (4)

RAD 3351	Special Imaging Procedures	3
RAD 3352	Radiation Protection and Radiobiology	3
RAD 3253	Radiographic Procedures III	2
RAD 3554	Clinic Practicum IV	5
		13

### Spring Semester (5)

RAD 3461	Radiologic Pathology	4
RAD 3362	Quality Management	3
RAD 3663	Clinic Practicum V	6
RAD 3213	Radiographic Sectional Anatomy	2
		15

**Bachelor of Science in Radiologic Imaging Sciences Degree:** In addition to the 60 SC listed above for the Associate of Science degree, the student must successfully complete an additional 25 SC as outlined below to obtain the Bachelor of Science degree.

Course #	Title	Semester Credit
RIS 4281	Geriatric Imaging	2
RIS 4382	Advanced Patient Care	3
RIS 4291	Current Issues in Health Care	2
RIS 4XXX*	Imaging Electives	18

\*Select courses from the following list:

Mammography (RIS 4383, RIS 4585)  
 Computed Tomography (CT) (RIS 4386, RIS 4387, RIS 4588)  
 Magnetic Resonance Imaging (MRI) (RIS 4392, RIS 4392, RIS 4594)  
 Vascular Imaging (RIS 4395, RIS 4396, RIS 4599)  
 Cardiac Imaging (RIS 4302)  
 Advanced Quality Management (RIS 4391)  
 Managerial Leadership (RIS 4398)  
 Research in the Radiologic Sciences (RIS 4399)  
 Other electives—see CHRP Catalog

### Certification and Accreditation

Graduates are eligible to apply to take the national certifying examination given by the American Registry of Radiologic Technologists. Candidates who pass the examination become Registered Technologists in Radiography. Bachelor of Science degree graduates may be eligible to take an advanced certification examination in their specialty area. Successful completion of the program does not itself ensure registration. Each student is responsible for familiarizing himself/herself with the applicable registration requirements. The Joint Review Committee on Education in Radiologic Technology (JRCERT) is the accrediting agency for the associate and baccalaureate degree programs. They may be contacted at 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182, by phone at (312) 704-5300, or by their web site <http://www.jrcert.org/>.

### Application Procedures and Deadlines

Class size is limited and not all applicants are selected for participation in the program. Early consideration will be given to those who submit complete applications by the last Friday in January. Applications must be received by **March 1** to be assured of consideration for admission. Applicants must provide:

- Application for Admission:** The College of Health Related Professions Application for Admission Form is required. Please contact the division office for information.

2. **Application Fee:** A non-refundable application fee of \$20.00 is required and must accompany the application. If applying to multiple programs, a \$20.00 fee is required for the first program and \$10.00 for each additional program.
3. **Official Transcripts:** Arrange for each college or university you have attended to forward an official transcript of your course work to the CHRP Admissions Office by March 1.
4. **Professional Observation\*:** Applicants are required to demonstrate an understanding of the responsibilities and duties of the radiologic technologist through observation in a hospital radiology department and discussion with a current radiologic technologist in the field. Details and a verification form are available at the division Web site. The professional observation must be completed by March 1.
5. **ACT Scores:** Required for applicants seeking. Official ACT scores must be sent directly from ACT (or on an official high school transcript) by March 1 to the CHRP Admissions Office. A score of 18 or above in READING is required for admission.
6. **Personal Advising Session\*:** Qualified applicants must present themselves in person for a personal advising session in the division. Advising sessions will be scheduled by the division during the spring semester.
7. **Admission Requirements for International Applicants:** All applicants who are not United States citizens or permanent resident aliens or for whom English is not their native language must meet additional admission requirements. Please consult the Admission/Academic Information section of the CHRP Catalog found at <http://www.uams.edu/chrp/catalog/>.

\*This requirement is waived for RTs seeking admission to the bachelor of science degree completion program.

Arkansas residency will be considered during selection for admission.

Applicants are considered without regard to race, color, gender, age, sexual orientation, religion, national origin or disability status as a criterion in deciding against any individual in matters of admission, placement, transfer, hiring, dismissal, compensation, fringe benefits, training, tuition assistance, and other personnel or educationally-related actions.

For more details contact the division (501) 686-6510 or the College admissions officer (501) 686-5730.

#### Fees

Shown below are fees for 2011-2012. Fees are subject to change without notice by action of the Board of Trustees, so contact the division director prior to registration to learn the exact fees. Note that all fees are due upon registration.

Tuition for all students:

Arkansas resident	\$233.00 per semester credit
Non-resident	\$534.00 per semester credit

Other fees (laboratory, liability insurance premiums, etc.)

Laboratory fee	\$30.00 per semester
Student Health fee	\$79.90 per semester, full-time, local
Student Clinic fee**	\$60.00 per semester, full-time
Technology fee	\$46.30 fall and spring semester only
Radiation Dosimeter fee	\$36.80 one-time fee, fall semester
Trajectory* fee	\$150.00 one-time fee, fall semester

\*Electronic clinical documentation system.

\*\*Most full-time students in Arkansas; additional information at (501) 686-5730.

Additional fees may apply; contact the division director prior to registration for exact fees.

Applicants may request financial aid information, which includes grants, scholarships, and student loans, from the UAMS Student Financial Services Office-Awards Division, 4301 West Markham, #864, Little Rock, AR 72205. Please call (501) 686-5451 or visit [www.uams.edu/studentfinancialservices](http://www.uams.edu/studentfinancialservices) for eligibility requirements.

This brochure describes the program requirements for the 2011-2012 academic year. While it is expected that most of the requirements will apply to 2012-2013 as well, some changes are likely. You are strongly advised to contact the department/program office to receive the latest information.

Telephone (501) 686-6510  
 FAX (501) 686-6513  
[www.uams.edu/chrp/rad-tech](http://www.uams.edu/chrp/rad-tech)

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The College of Health Related Professions and the Division of Radiologic Imaging Sciences reserve the right to withdraw courses at any time; change fees, policies, procedures, rules, calendar, curricula, degree programs, degree requirements, graduation procedures, and any other requirement affecting applicants or students. The provisions of this brochure do not constitute a contract, expressed or implied, between any applicant or student and the College of Health Related Professions and the Division of Radiologic Imaging Sciences.

# Radiologic Imaging Sciences

(501) 686-6510

[www.uams.edu/chrp/rad-tech/](http://www.uams.edu/chrp/rad-tech/)

# UAMS

## COLLEGE OF HEALTH RELATED PROFESSIONS

UNIVERSITY OF ARKANSAS  
FOR MEDICAL SCIENCES

2011-2012

College of Health Related Professions  
 University of Arkansas for Medical Sciences  
 4301 West Markham Street, #563  
 Little Rock, Arkansas 72205

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