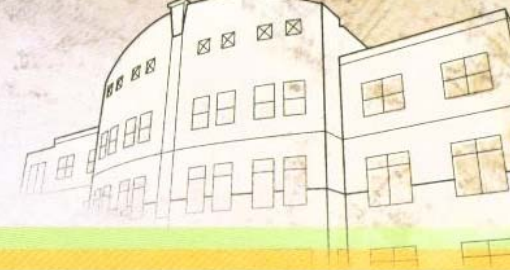


# SCHOOL OF HEALTH SCIENCES



## ASSOCIATE OF SCIENCE IN RADIOLOGIC TECHNOLOGY

### Program Overview

The Department of Radiologic Technology at the University of Saint Francis engages diverse, lifelong learners in an atmosphere of academic and clinical excellence permeated by Franciscan values. The department exists to support and serve the profession of Radiologic Technology in its growth and development within the healthcare community.

Consistent with the mission statement, the specific purposes or goals of the program are to:

- Prepare individuals for entry level Radiologic Technology practice as radiographers with knowledge and experience in the specialized areas of radiology.
- Deliver a competency-based curriculum and instructional delivery system, which stresses the application of theory to the realities of the clinical setting.
- Provide radiography students with a general education which gives them the skills appropriate for living in the highly technical, global society.
- Assist students in developing the values, attitudes and professional behavior necessary to promote the ethical standards of the profession.
- Instill in students a lifelong desire to achieve professional excellence through continued education.

Radiologic Technology is the field of study which utilizes radiation to provide images of tissues, organs, bones, and vessels of the human body in the diagnosis of disease and injury. The radiographer performs diversified radiologic procedures utilizing highly technical equipment. Effective radiographers apply principles of radiation protection as they determine exposure factors during the performance of examinations. The radiographer is the person responsible for providing basic patient care while producing radiographic images of optimum quality. This healthcare professional works in close association with the radiologist, a physician specializing in this science.

Students receive classroom instruction at the university and clinical experience in various hospital and clinical radiology areas. Progression through the competency-based program is accomplished by means of didactic instruction, laboratory demonstration and practice, and clinical experience. The

radiography program conducts the majority of classes during the daytime hours. Students will be required to complete some clinical assignments on weekends and evenings.

Various options exist to complete the program. Accepted students will develop their individualized plan of completion under the direction of a faculty advisor based upon their placement test scores and their previous academic background. Clinical enrollment is limited. Acceptance into the program does not guarantee an automatic placement into a clinical course. Once students enter the clinical course sequence they must complete the radiography courses as outlined. Policies exist concerning attendance, standards of conduct, withdrawal, academic standards, etc., and are published in the Student Handbook.

### Is the Radiologic Technology program accredited?

The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Questions regarding the accreditation may be directed to the JRCERT at 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182, phone 312-704-5300 or e-mail addressed to mail@jrcert.org.

### What are the job opportunities?

Radiologic Technology is one of the most rapidly growing fields today. Salaries vary greatly depending on years of experience, geographic location, and type of facility.

Radiologic Technology offers many advancement opportunities in the areas of MRI, CT, Mammography, Radiation Therapy, Nuclear Medicine, and Sonography as well as education and management. A Radiologic Technologist employed in any of these specialty areas has much higher earning potential.

### What kind of classes will I take?

The following outlines the courses required to complete the program. All Radiologic Technology courses must be taken in the order listed. Changes may be made in the program as they are deemed necessary. When students first enter the university, placement testing based upon their previous academic background occurs in Reading, English and Math. Pre-requisite courses may be required if the student places into a lower level than required.

### General Education requirements:

English Composition	3
General Psychology	3
Anatomy and Physiology I	3
Anatomy and Physiology II	3
Algebra and Trigonometry	3
Religion Elective	3
General Elective	3
Sectional Anatomy	3

### Radiography requirements:

<b>Semester I – Fall</b>	
Radiographic Procedures I	3
Principles of Radiography I	3
Clinical Education I	4
Fundamentals of Clinical Practice	1
<b>Semester II – Spring</b>	
Radiographic Procedures II	3
Principles of Radiography II	3
Clinical Education II	4
<b>Summer Session</b>	
Clinical Education III	3
Image Analysis	1
<b>Semester III – Fall</b>	
Radiographic Procedures III	3
Principles of Radiography III	3
Clinical Education IV	4
<b>Semester IV – Spring</b>	
Pathology	2
Radiation Science and Quality Assurance	2
Clinical Education V	5
<b>Summer Session</b>	
Comprehensive Experience	4

*A minimum of 72 credit hours is required to graduate.*

### How many hours will I be in class?

Approximately 12 to 16 hours a week will be spent for each clinical course in the program. Some weekend and evening clinical hours are required. For students needing part-time hours, other options of program completion are available. Outside employment of more than 10 to 12 hours per week is not recommended.

### Do I need a license to practice Radiologic Technology?

Successful completion of the national exam offered by the American Registry of Radiologic Technologists (ARRT) entitles the graduate to practice as a Registered Radiologic Technologist Radiographer. In the state of Indiana, legislation prohibits the operation of

X-ray equipment by unqualified personnel. Certification through the Indiana State Department of Health is required for technologists who seek employment in this state. Students enrolled in radiography programs within the state must have a permit to enroll in clinical courses. Entering students will file applications for permits during their first clinical course.

## What are the admission requirements?

The university accepts a limited number of students each year into this academically competitive program. Candidates will be considered for admission to the program who:

1. Have three years of college preparatory math including two years of algebra or an equivalent college level course in algebra.
2. Follow a college prep curriculum including four years of English, three years of mathematics, two years of social sciences, and three years of a laboratory science.
3. Submit a candidate's statement.
4. Submit all previous academic transcripts of attempted coursework and upon review:
  - Demonstrate that no course in the required general education has been repeated more than once for successful completion in the last two years.
  - Display only one semester of academic credit that is between 2.0 and 2.7 on a 4.0 scale in the last two years of coursework.
5. Meet one of the following criteria for admission:
  - SAT score of 1,000 or higher.
  - ACT composite score of 21 or higher.
  - Students who have not taken the SAT or ACT will be required to take the Psychological Services Bureau's Health Occupations Aptitude Examination. A fee is assessed for the standardized testing of applicant. The candidate's results must be average to above average in all sections of the exam. Standardized tests may be completed once per year and permission will be granted to repeat the exam only one time.
6. Meet one of the following:
  - Graduate from an accredited high school with a cumulative GPA of 2.7 or above. Students who did not graduate from high school must have completed the General Education Development (GED) tests with a composite score of at least 2,500 and no subscore below 500.
  - Earn 12 or more credit hours, in applicable colleges subjects, as either a Pre-Radiologic Technology student

or a transfer student with a cumulative GPA of 2.7 or above. At least three credits must be from a biological or physical science course with a lab component.

- Possess an associate or higher level degree from a regionally accredited institution with a cumulative GPA of 2.7 or higher.

The determination of acceptance to the Radiologic Technology program will be made after the individual review of each applicant's file. Additional information may be requested of the individual applicant prior to a decision being made. The Admissions Committee reserves the right to admit a student on a one-semester probationary status. Any students enrolled in the current semester will be admitted conditionally, until the receipt of semester grades. Students who do not meet program admission criteria may be admitted to the university as Pre-Radiologic Technology students. Applicants to the program will be considered only once after an initial denial has been issued.

Prior to enrollment in the first clinical course, the accepted student must submit proof of a physical exam, required immunizations and ability to meet the technical standards required of healthcare students. In addition, proof of certification in cardio-pulmonary resuscitation, a drug test, a driving history check, an Office of Inspector General's check and a limited criminal background check must be documented with the department. Any information of concern found during this process could result in the affiliating agencies withholding the clinical experience. If this were to happen, the student could not complete all aspects of the program and would be dismissed from the program. In addition, conviction of a felony or misdemeanor may indicate lack of good moral character for the American Registry of Radiologic Technologists' (ARRT) purposes. Pre-application review procedures are in place to allow individuals who are not yet enrolled in an educational program to determine if a conviction would interfere with exam eligibility. Pre-application Review forms may be acquired from the ARRT office or obtained online at [www.rrrt.org](http://www.rrrt.org).

## What is my status upon being accepted?

Students may be admitted as follows:

**Radiologic Technology** students have met all criteria and are eligible for entry into a clinical course.

**Pre-Radiologic Technology** students have not fully met criteria and are enrolled working to gain acceptance into the program.

## How is entry into a clinical course determined?

Enrollment in the Radiologic Technology program is based on available resources. Students who are attending the university and meet program criteria for acceptance will have the first opportunity to register for clinical courses. It is never a guarantee that an accepted student automatically has a place in the clinical course. A space in RAD 168, Clinical Education I, is assigned on the student's date of registration based upon the following: date of acceptance, GPA and number of required general education hours completed, either at the university or being transferred.

## Application Process

1. Request an application for admission from the Office of Admissions.
2. Send the completed application along with the required non-refundable application fee of \$20 to the Office of Admissions.
3. Have an official copy of your high school transcript showing class rank and ACT or SAT results sent to the Office of Admissions. Transcripts are considered official only when they are sent directly from the school and have a school seal or signature of a school official.
4. If you did not finish high school, have your high school transcript sent in addition to your GED test score results.
5. If you have attended post-secondary institutions, submit an official transcript from each institution attended. Transcripts are considered official only when they are sent directly from the institution and have the seal or signature of an official.
6. If you have been in military service, submit a copy of your DD214 military discharge form.

## Financial Aid

Financial aid is available in the form of scholarships, grants, loans, and work study. Over 95 percent of undergraduate students receive some form of financial assistance; most receive more than one type of aid. Early estimator packages are available for dependent students during the fall at [www.sf.edu/financialaid](http://www.sf.edu/financialaid).

All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA). Priority deadline is no later than March 10.

## How do I find out more?

Contact the Office of Admissions at 260-399-8000 or 1-800-729-4732 or visit our website at [www.sf.edu](http://www.sf.edu).

