

# Magnetic Resonance Imaging

Doisy College of Health Sciences



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## Accreditation

The Magnetic Resonance Imaging Program at Saint Louis University is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), in cooperation with the American College of Radiology (ACR) and the American Society of Radiologic Technologists (ASRT).

The MRI Program has an advisory committee consisting of clinical instructors, managers, and directors in the healthcare profession. The committee contributes recommendations for enhancing the program as well as assessment of the program.

For further information on the Joint Review Committee on Education in Radiologic Technology, or to view

**WKH SURJUDP pV FXUUHQW DFFUHGLWDWLRQ VWDWXV JR W**  
<https://www.jrcert.org/>.

### [Joint Review Committee on Education in Radiologic Technology](#)

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# Program Mission and Goals

## Programmatic Mission:

The Magnetic Resonance Imaging Program at the Saint Louis University Doisy College of Health Sciences is dedicated to preparing liberally educated, competent, caring and socially responsible Magnetic Resonance Imaging Technologists, committed to clinical and scholarly excellence.

## Magnetic Resonance Imaging Program Goals:

- x Goal A: Students will be clinically competent
  1. Students will appropriately use, record, and verify patient data

## Program Outcomes/Effectiveness Data 2018-2020

The following is the most current program effectiveness data. Our programmatic accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. [Click here](#) to go directly to the JRCERT webpage.

Credentialing Examination: The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate

number passed on 1<sup>st</sup> attempt divided by number

Program Completion: The number of students who complete the program within the stated program length. The annual benchmark established by the program is 80%.

<b>ProgramCompletionRate</b>	number graduated ÷ by numbestarted the program
<b>Year</b>	<b>Results</b>
<b>Year 1 -202 i</b>	<b>i of i</b>
<b>AnnualCompletionRate</b>	<b>i i i 9</b>

# Clinical Obligations

Prior to the senior professional year in Magnetic Resonance Imaging in preparation for the clinical

## Clinical Sites

Clinical education requirements will place the student in the patient care setting in various clinical areas throughout the St. Louis Metro area; therefore, a student must have reliable transportation to get to the clinical sites. Students will travel to several of the following sites for their clin



## Technical Standards

Purpose: This is a non-discriminatory policy that describes the intellectual, social, and physical capabilities required to perform the tasks of magnetic resonance imaging. The mission of the program is to educate a practitioner in Magnetic Resonance Imaging. Therefore, students must meet these standards to pursue the program coursework and work within the field.

All applicants and students of the Magnetic Resonance Imaging Program must be able to perform each of the standards stated in this policy.

In some cases, the use of adaptive devices may be permitted in order for the student to meet selected technical standards.

- x Submit to and receive a satisfactory report on criminal background checks and drug testing for substances of abuse.

Please note: Many medical devices, such as pacemakers, clips, cochlear implants, medication pumps, stimulators, etc., are considered unsafe in the magnetic field environment of the MRI Suite. Other implants may be considered safe or conditional; allowing access to the high magnet field and the MRI technologist profession. In addition, metallic foreign bodies inside the body may be adversely affected by the magnetic field.

Any Magnetic Resonance Imaging Program applicant who has a medical device or an internal metallic foreign body MUST contact the program faculty for clearance into the program.

# Additional Program Requirements and Fees

Criminal Background Check	Drug Screening	Respiratory Function Test	Two Step Tb/PPD	Annual Flu Shot	Poster Fee	CPR as Student
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# Admission Policy and Grading Scale

## Admission Policy

All incoming freshman **DUH UHYLHZHG DFFRUGLQJ WR 6DLQW /RXLV 8QL** admissions require a minimum GPA of 2.7 and a minimum ACT score of 22 with no subsection lower than 20. Admission decisions are made according to date of complete application submission and space availability on approved JRCERT accreditation class size. A meeting with the MR Program faculty is highly encouraged to discuss admissions criteria, prerequisites and Program technical standards.

## Program Grading Policy

The MRI Program follows the Saint Louis University grading scale policy. The grading scale for each course is as follows:

Grade
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x \$ Q q, 3r JUDGH FRQYHϕ8V MRWR6D W U D I G H R R d) r8 QVU D W L V I D F V  
coursework is not completed within one year.

x 2 Q F H D Q q, 3r JUDGH K D q 8 F R W K H & t W r P Q W Q R R D Q E t) U H R Y L V H G  
instructor but must be appealed through the Academic Records Revision Committee.

NOTE: In-progress courses for a graduating student must be completed and graded within 30 days of the date that the course grade was posted.



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SAINT LOUIS UNIVERSITY  
DOISY COLLEGE OF HEALTH SCIENCES  
ASSESSMENT PLAN

GENERAL GOAL: CONTINUOUSLY MONITOR STUDENT LEARNING OUTCOMES

Division: Clinical Health Sciences  
Program: Magnetic Resonance Imaging - Professional Year  
Academic Year: 2022-2023

Mission: The Magnetic Resonance Imaging Program at Saint Louis University, Doisy Colleg(e)-11 (su8 (e)-11 (f)25)23 (o)-1.28.856.14 (t)28 (h)

Outcome	Measurement Tool/ Reporting Strategies	Threshold (Benchmark )	Time Line/ Responsible Person	Data/Status/ Action Plan
<p data-bbox="163 203 478 354" style="border: 1px solid black; padding: 5px;">Goal B: The students will demonstrate problem solving and critical thinking skills</p> <p data-bbox="163 391 478 597">1. Students will complete imaging procedures, explaining steps in detail.</p> <p data-bbox="163 513 478 597">2. Students will present case studies and MRI final capstone project.</p>	<p data-bbox="604 358 863 505">1. a. Clinical Competency Form b. Clinical Practicum Final Grade c. Employer Survey</p> <p data-bbox="548 594 877 659">2. a. Case studies b. MRI Capstone project</p>	<p data-bbox="926 358 1192 472">1. a. Average Score of <math>\geq 2</math> on a 3 point scale b.. Average Score of <math>\geq 2</math> on a 3 point scale</p> <p data-bbox="926 513 1220 683">c. 75 % response <sup>3</sup> D J U H H 2. a. Average Score of <math>\geq 7</math> on a 10 point scale. b. Average Score of <math>\geq 15</math> on a 20 point scale</p>	<p data-bbox="1255 358 1608 586">1. a. End of Fall and Spring Semester by Course Instructor b..End of spring semester by Course Instructor c. 6 months after graduation by Program Director</p> <p data-bbox="1241 602 1268 626">2.</p>	



Outcome	Measurement Tool/ Reporting Strategies	Threshold (Benchmark )	Time Line/ Responsible Person	Data/Status/ Action Plan
<p data-bbox="163 203 478 332" style="border: 1px solid black; padding: 5px;">Goal D: Students will demonstrate professional growth and development</p> <p data-bbox="163 373 478 462">1. The student will demonstrate professional behaviors</p> <p data-bbox="163 584 478 673">2. The student will have knowledge of ethical behaviors</p> <p data-bbox="163 795 478 917">3. Students will demonstrate professional growth through critical thinking</p>	<p data-bbox="541 349 863 479">1: a. Mid &amp; Final Eval form b. Employer Survey,</p> <p data-bbox="541 592 863 657">2: a. Mid &amp; Final Eval form b. Employer Survey,</p> <p data-bbox="541 803 863 836">3. Critical Reflection Papers</p>	<p data-bbox="926 349 1194 511">1: a. Average Score of <math>\geq 2</math> on a 3 point scale. b. Average response is <math>\geq</math> <sup>3</sup>D J U H H</p> <p data-bbox="926 560 1194 722">2: a. Average Score of <math>\geq 2</math> on a 3 point scale. b. Average response is <math>\geq</math> <sup>3</sup>D J U H H</p> <p data-bbox="926 803 1194 925">3. Increase in depth of reflection papers average (Score14-15/15)</p>	<p data-bbox="1236 349 1600 511">1: a. Summer Final Evaluation Review by Clinical coordinator/Clinical Instructor b. 6 months after graduation by Program Director</p> <p data-bbox="1236 560 1600 722">2. a. Summer Semester Final Evaluation by Clinical Coordinator b. 6 months after graduation by Program Director</p> <p data-bbox="1236 803 1600 893">3. Spring semester by Program director Clinical coordinator</p>	<p data-bbox="1642 349 1898 381">1 a. 3/3 <math>\geq 75\%</math></p> <p data-bbox="1642 470 1898 503">1 b. 3/3 <sup>3</sup>D J U H H '</p> <p data-bbox="1642 552 1774 584">2 a. 3/3 <math>\geq 2</math></p> <p data-bbox="1642 641 1898 673">2 b. 3/3 <sup>3</sup>D J U H H '</p> <p data-bbox="1642 795 1869 852">3. 3/3 scored 15 on final Reflection</p>

MRI Program Eval Reports\ MRI learning outcomes table