

Fall 2024 MRI – AAS Degree Program Admission Information

The Magnetic Resonance Imaging AAS Degree Program is a selective admission program. A limited number of students are admitted into the program each Fall semester. Class size is determined by the availability of clinical space. Limited enrollment ensures a quality laboratory and clinical experience needed to become a competent entry level MRI technologist.

Application Period

The Magnetic Resonance Imaging AAS Degree Program accepts applicants once a year for Fall program entry.

Application Period: May 1, 2024 – June 30, 2024

To be considered for selection to the Magnetic Resonance Imaging AAS Degree Program the following steps must be completed:

1. Attend a MANDATORY information meeting as posted on the Magnetic Resonance Imaging AAS Degree webpage. Applicants must attend an information session in the year they intend to apply. Applicants must register for the information session they wish to attend at [Register for MRI-AAS Degree Program Information Session](#).

Day	Date	Time	Location
Tuesday	April 16, 2024	3:30 pm – 4:30 pm	Building C11, Room C11-1021
Wednesday	May 29, 2024	9:00 am – 10:00 am	Building C11, Room C11-1081
Friday	June 7, 2024	11:00 am – 12:00 pm	Building C11, Room C11-1081

2. Be admitted to San Jacinto College -
Visit our website at: <https://www.sanjac.edu/admissions>
3. Provide Official Transcripts – <https://sanjac.edu/admissions/how-to-apply/submitting-your-transcript>
 - A. Students with any transfer credits MUST have college transcripts evaluated by San Jacinto College Admissions prior to submitting an application.
 - B. Medical Imaging Department Chair has final approval of all transferred courses that apply toward the associate of applied science degree in Magnetic Resonance Imaging.
 - C. Transcripts from all other colleges attended must be official and sent to the Admissions Office.
4. Transcripts from all colleges attended, including San Jacinto College, must be uploaded to the online application as PDF files of official transcripts.
5. Submit a current copy of degree evaluation "What If" from SOS for AAS Magnetic Resonance Imaging 2024-2025.
6. Completion of all the following prerequisite courses with a minimum of a "C" before applying:
 - ENGL 1301 Composition I
 - MATH 1314 College Algebra
 - BIOL 2301 Anatomy & Physiology I Lecture and BIOL 2101 Anatomy & Physiology I Lab
 - SCIT 1420 Physics for Allied Health or PHYS 1301 & PHYS 1101 College Physics Lecture and Lab
 - *For the Fall 2024 application period, SCIT 1420 may be in progress at the time of application. If the candidate is selected for program admission, the selection would be provisional, and the candidate must provide proof of completion of the enrolled SCIT 1420 course with a grade of "C" or higher.*
 - *Additional General Education courses are required as part of the Magnetic Resonance Imaging AAS Degree plan of study. Students must earn a grade of "C" or higher in these courses during the semester identified in the plan of study or sooner to continue program progression and for program completion.*
 - *BIOL 2302 & BIOL 2102 Anatomy & Physiology II, Lecture and Lab*
 - *X3XX Humanities/fine arts*
 - *PSYC 2301 General Psychology*

* Applicants must have a minimum GPA of 2.0 and be in good academic standing.

- * For credit earned in a required biology course to be applicable to the Magnetic Resonance Imaging AAS Degree Program, credit must have been earned within the past five (5) years and the grade earned must have been a C or above. Credit earned in a required biology course exceeds the five (5) year stipulation if the credit was earned five (5) or more years prior to the first term in which the student enrolls into the program.
 - * For credit earned in the required SCIT 1420 or PHYS 1301 & PHYS 1101 course to be applicable to the Magnetic Resonance Imaging AAS Degree Program, credit must have been earned within the past five (5) years and the grade earned must have been a C or above. Credit earned in the required SCIT 1420 or PHYS 1301 & PHYS 1101 course exceeds the five (5) year stipulation if the credit was earned five (5) or more years prior to the first term in which the student enrolls into the program.
 - * Higher level math such as Calculus I may be evaluated for possible substitution if a student was placed out of college algebra. A higher-level English course may be evaluated for possible substitution if a student was placed into a higher- level English. Substitutions must be approved by the Department Chair and Dean of Health Sciences.
7. Completion of the program required entrance examination (HESI A2). The original score sheet must be submitted with application. See additional HESI A2 entrance exam information below.
 8. Complete the online Magnetic Resonance Imaging AAS Degree Program application by posted deadline, June 30.

Selection Criteria

Students who apply for admission to the Magnetic Resonance Imaging AAS Degree Program will be selected based on the total score on the application scoring rubric to include both GPA and HESI A2 entrance examination scores along with identified achievement points or deduction points. Admission scoring rubric information will be included in the information sessions and the application scoring rubric can be located on the MRI-AAS degree webpage. Applicants must be in good academic standing with the college (minimum 2.0). Meeting minimal entry requirements does not guarantee program admission.

Applicants will be notified regarding selection for the Magnetic Resonance Imaging AAS Degree Program via email approximately 2 weeks after the application deadline. Applicants not selected for admission must re-apply to be considered for future admission. Applicants who are selected for admission into the Magnetic Resonance Imaging AAS Degree Program, but do not accept the position or do not complete the enrollment process, must also re-apply. It is the student's responsibility to stay current with any changes in program requirements. All students who re-apply must attend another information session for the year in which they are applying for. Candidates selected for the Magnetic Resonance Imaging AAS Degree Program must attend the pre-enrollment session as well as the program orientation session. Failure to attend the pre-enrollment session or program orientation session may result in forfeiture of their selection. Tentative Fall 2024 pre-enrollment and program orientation dates are July 19, 2024, and August 2, 2024.

HESI A² Information

Applicants must submit official HESI A2 Exam scoresheet with all 5 sections. The HESI exam is a timed, computerized test with a 4.5 hour time limit. The Exam consists of the following 5 sections: Reading Comprehension, Grammar, Vocabulary/General Knowledge, Math and Anatomy/Physiology. Students must also complete the Learning Style section however it will not be scored. The exam is administered by the San Jacinto Medical Imaging Department on Central Campus. Students applying for the Magnetic Resonance Imaging AAS Degree Program may register for an exam session at the information session attended (see website for information session dates).

Students are permitted to take the HESI A2 exam once in any given academic year (September 1 to August 31). The Exam must be taken within 2 years of the program application deadline. Students applying for the San Jacinto College Magnetic Resonance Imaging AAS Degree Program must take their exam through the San Jacinto College Medical Imaging Program administered on Central Campus.

The HESI exam cost is approximately \$50 per attempt. Payment must be debit or credit card and must be paid online prior to the scheduled test date. HESI study guides are available for purchase at various bookstores including the

Barnes & Nobles on Central Campus. There are free HESI A2 online apps available as well as free online resources at the San Jacinto College library. A minimum score of 70% in each section and the cumulative score is highly recommended.

ENGLISH LANGUAGE

- Reading Comprehension—Provides reading scenarios in order to measure reading comprehension, identifying the main idea, finding meaning of words in context, passage comprehension, making logical inferences, etc.
- Vocabulary and General Knowledge—Contains vocabulary terms that are commonly used in both English-speaking settings and in health care fields.
- Grammar—Contains basic grammar, including parts of speech, important terms and their uses, commonly occurring grammatical errors, etc.

MATH

- Basic Math Skills—Focuses on math skills needed for health care fields, including basic addition, subtraction, multiplication, fractions, decimals, ration and proportion, household measures, general math facts, etc.

SCIENCE

- Anatomy and Physiology—Provides coverage of general terminology and anatomical structures and systems.

LEARNER PROFILE

- Learning Style—Assesses preferred learning style. *(Required but not used in determining acceptance into the Radiography program).*

*HESI exams expire after two years and can be taken once per Academic Year (September 1st to August 31st)

Application Period Deadline Dates	HESI Validation Dates
Fall Semester: May 1, 2024 – June 30, 2024	June 30, 2022 – June 30, 2024

The HESI A2 exam is administered online via Elsevier. Complete rules and step-by-step instructions may be found on the San Jacinto College Magnetic Resonance Imaging AAS Degree Program "Application and Deadline" dropdown menu labeled Medical Imaging Hesi A2 information.

Program Health Requirements

Students selected for the Magnetic Resonance Imaging AAS Degree Program are required to submit a physical exam (no more than 60 days) prior to admission. This physical exam must be consistent with the requirements of the teaching hospitals and agencies the students are assigned during clinical assignments and the performance standards required to function as a student imaging technologist. After acceptance into the Magnetic Resonance Imaging AAS Degree Program, the student will be provided with the physical form as well as information to purchase a Castlebranch account. The student will provide proof of the following: TB skin test (within last 12 months) or chest x-ray (if applicable), current seasonal flu vaccine, Tdap within the last 5 years, MMR (2 doses and positive titer), Varicella (#2 doses and positive titer), Hepatitis B (3 doses and positive titer), and Hepatitis C Antibody within 6 months. Titers are good for a limited time and approval comes from the Clinical Health Records Coordinator. These health requirements will be submitted (uploaded) to CastleBranch. In addition, a criminal background check will be completed through the Castlebranch system. Clinical affiliates may require additional vaccines and/health requirements, failure to obtain these additional vaccines and/or health requirements will exclude required hospital educational experiences and competencies, thus preventing the student from completing ARRT requirements and the Program.

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date.

San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

Background and Urine Drug/Alcohol Screening

Students selected for the Magnetic Resonance Imaging AAS Degree Program are required to complete a criminal background check and urine drug/alcohol screening after acceptance but before admission into the program by a designated deadline. Instructions for completing this requirement will be provided by CastleBranch after the accepted applicant obtains an account.

CPR

Students selected for the Magnetic Resonance Imaging AAS Degree Program are required to complete American Heart Association Basic Life Support CPR certification.

Health Insurance

Students selected to the Magnetic Resonance Imaging AAS Degree Program are required to show proof of active medical insurance coverage. Documentation of proof of insurance coverage can be provided by one of the following methods: through a currently active parent plan, through a currently active individual or family plan, through a currently active Employer- Sponsored plan, through a currently active Government-Sponsored Plan. If a student does not fall under one of these categories and feels their insurance is acceptable, he/she must present their insurance plan to the program director prior to acceptance into the program for approval to ensure consistency with the requirements of the clinical affiliates.

For more details regarding Clinical Health Requirements, please refer to the “Program Information and Clinical Obligations” PDF found on the Magnetic Resonance Imaging AAS Degree Program Webpage.

Magnetic Resonance Imaging – AAS Degree – Plan of Study

Pre-Requisites

MATH 1314	College Algebra	3 SCH
ENGL 1301	Composition I	3 SCH
BIOL 2301 & BIOL 2101	Anatomy and Physiology I Lecture AND Anatomy and Physiology I Lab	4 SCH
SCIT 1420 or PHYS 1301 & PHYS 1101	Physics for Allied Health OR College Physics Lecture AND College Physics Lab	4 SCH

14 hours

First Term (Fall)

BIOL 2302 & BIOL 2102	Anatomy and Physiology II Lecture AND Anatomy and Physiology II Lab	4 SCH
X3XX	Humanities/Fine Arts	3 SCH
RADR 1303	Patient Care	3 SCH
HPRS 1206	Essentials of Medical Terminology	2 SCH

12 Hours

Second Term (Spring)

RADR 2340	Sectional Anatomy	3 SCH
MRIT 2330	Principles of MRI	3 SCH
MRIT 1471	MRI Procedures	4 SCH
MRIT 2260	Clinical I	2 SCH

12 Hours

Third Term (Summer)

MRIT 2334	MRI Equipment and Methodology	3 SCH
MRIT 2355	MRI and Physics	3 SCH
MRIT 2461	Clinical II	4 SCH

10 Hours

Fourth Term (Fall)

MRIT 2462	Clinical III	4 SCH
MRIT 2274	MRI Pathology	2 SCH
MRIT 2375	MRI Technology Seminar	3 SCH
PSYC 2301	General Psychology	3 SCH

12 Hours

Classes, Labs, and Clinicals are typically Monday-Friday between 7:30 am – 5:30 pm. Some evening labs will be required.

After successful completion of the program, graduates are eligible to take the American Registry of Radiologic Technologists (ARRT) national certification exam in Magnetic Resonance Imaging.