

**Mayo Clinic School of Health Sciences
MRI Program**

The MCSHS MRI Program is committed to diversity and educating students who will make the population of health care professionals a true representative of our diverse community.

The following technical standards are not intended to deter any candidate for whom reasonable accommodation will allow the fulfillment of the complete curriculum. Program applicants and admitted students with disabilities are confidentially reviewed to determine whether there are any reasonable accommodations that would permit the individual to satisfy the program standards. The following technical standards are required of all students enrolled in the MRI Program:

Theme	Essential Functions	Example of Required Activities (Not all inclusive)
Observation	Candidates must be able to observe demonstration and participate in hands-on learning in the classroom, laboratory and clinical settings. Candidates must be able to acquire information from written documents and computer systems. Candidates must be able to assess patients and evaluate images for diagnostic quality.	<ul style="list-style-type: none"> • Reading small, fine print in all environments, including low-light conditions for accurate patient identification. • Identify information presented in accessible images from paper, slices, videos, etc. • Acquire information from magnetic resonance screening forms. • Identify information seen on magnetic resonance images and assess image quality. • Recognize and assess patient changes in mood, activity, cognition, verbal and non-verbal communication. • Acquire information from various equipment such as alarms and emergency signals.
Communication	Candidates must be able to communicate effectively, sensitively, and efficiently with patients, families, health care professional and faculty. Candidates must be able to acquire the patient's medical history in a timely manner, interpret non-verbal information, and establish a therapeutic rapport with patients. Candidates are also required to record information accurately and clearly; and communicate efficiently in English with other health care professionals.	<ul style="list-style-type: none"> • Sufficiently communicate in English to retrieve information from literature, computerized databases and lectures to communicate concepts on written exams and patient charts. • Communicate effectively and efficiently with patients, students, staff, faculty, and all members of the healthcare team during all learning experiences. • Ability to communicate effectively with patients through MR scanner intercom system. • Fluently read and comprehend the English language necessary to understand caregiver's written and/or electronic orders and understand any signage related to MRI safety and patient care.
Motor Skill & Mobility	Candidates must have sufficient motor functions that they are able to execute movements required to provide general care and treatment to patients in all health care settings within a specified amount of time.	<ul style="list-style-type: none"> • Full range of motion allowing for gross movements within confined spaces such as bending, stooping, squatting, lifting and pushing. • Fine motor skills, steady hand function and hand-eye coordination. • Perform basic life support, transfer and position patients and re-position self around patients. • Ability to position and operate typical equipment found in the health care environment (i.e. oxygen tanks, wheelchairs, imaging equipment, etc.)

<p>Interpersonal Behavior & Social Skills</p>	<p>Candidates must exhibit the emotional stability required for full utilization of their intellectual abilities, which includes, but is not limited to, the exercise of good judgment, and the prompt completion of responsibilities associated with the care of patients. Candidates are expected to exhibit integrity, honesty, professionalism, compassion, and display a spirit of cooperation and teamwork.</p>	<ul style="list-style-type: none"> • Ability to tolerate physically, mentally and emotionally demanding workloads, function effectively under stress, adapt to changing environments, display flexibility and learn to function in the face of uncertainties inherent in the clinical problems of patients. • Express compassion, integrity, concern for others, interpersonal skills, interest, and motivation when working with patients, staff and faculty. • Ability to manage apprehensive patients with a range of moods and behaviors in a tactful, culturally sensitive, congenial, personal matter so as not to alienate or antagonize them. • Ability to accept feedback and respond by appropriate modification of behavior.
<p>Cognitive & Intellectual</p>	<p>Candidates must be able to assimilate detailed and complex information presented in both didactic and clinical coursework. Candidates are expected to possess the ability to measure, calculate, reason, analyze, synthesize, and transmit information. Candidate must also command the ability to think critically, possess problem-solving and organizational skills necessary the classroom, laboratory and clinical setting.</p>	<ul style="list-style-type: none"> • Ability to learn through a variety of methods including, but not limited to, classroom instruction, small group, problem-based learning groups, team and collaborative activities, individual study, preparation and presentation of reports simulations, and through the use of technology. • Ability to organize time independently and manage multi-faceted demands and schedules. • Comprehend three-dimensional relationship and to understand spatial relationships of anatomic structures.
<p>Environment</p>	<p>Candidate must have the sensory and physical well-being that will allow an individual to tolerate occasional distressing and/or disturbing conditions that may be present in a clinical setting. Candidate must have the ability to enter into the static magnetic field without contraindication.</p>	<ul style="list-style-type: none"> • Tolerate smells associated with disease states and infections. • Tolerate sights such as open incisions, invasive procedures during code situations and injuries/deformities. • Ability to acclimate to various noises which may range from distractions to annoyances. • Emotional strength to understand patient and/or family disturbances, death and dying. • Ability to function effectively (by completing the given task) in emergent and stressful situations. • Free from MR conditional or MR unsafe implanted/explanted device that would be a contraindication to entering into the static magnetic (i.e. pacemaker, cochlear implants, etc.)
<p>Computer & Technological Skills</p>	<p>Candidate must be able to utilize electronic technology in didactic, laboratory and clinical environment.</p>	<ul style="list-style-type: none"> • Demonstrate basic computer functions such as data entry, printing and ability to function in multiple screens simultaneously. • Ability to learn and understand the software technology utilized in the health setting such as MR scanning software and radiology information systems.