MAGNETIC RESONANCE IMAGING (MRI) AAS

Purpose: The MRI Program is designed to provide high-quality didactic and clinical education experiences for students to acquire the knowledge, skills and attitudes necessary to be well-rounded, fully competent MR technologists. Graduates who obtain a certificate in Magnetic Resonance Imaging and Associate Degree are eligible to take the Magnetic Resonance Imaging certification examination administered by the American Registry of Radiologic Technologists (ARRT). Successfully passing the ARRT Primary MRI Certification Exam will earn graduates the nationally recognized credentials of R.T.(MR).

Award

Magnetic Resonance Imaging (MRI) A.A.S. Degree........................63 credits total
MRI curriculum... 35 credits
MnTC curriculum/General Education.. 28 credits

RECOMMENDED FULL-TIME COURSE SEQUENCE

Not all courses are scheduled every semester. See course schedule: https://eservices.minnstate.edu/registration/search/basic.html?campusid=306.

Semester 1		Semester 2	
BIOL 1217 Anatomy and Physiology I	4 cr	BIOL 1218 Anatomy and Physiology II	4 cr
CHEM 1117 General, Organic, and Biological Chemistry	4 cr	ENGL 1117 Reading and Writing Critically (Goal 1)	4 cr
MATH 1115 College Algebra	3 cr	PHIL 1135 Bioethics	3 cr
COMM 1114 Fundamentals of Public Speaking	3 cr	**Or**	or
Or	or	PHIL 1125 Environmental Ethics	3 cr
COMM 1130 Interpersonal Communication	3 cr	PHYS 1103 Principles of Physics	3 cr
Total Credits	**14**	**Total Credits**	**14**
Semester 3		Semester 4	
MRI 2201 MRI Physics	2 cr	MRI 2202 MRI Physics II	2 cr
MRI 2230 Intro to Clinical MRI	2 cr	MRI 2301 MRI Procedures I	4 cr
MRI 2270 MRI Safety	3 cr	MRI 2315 Medical Informatics	1 cr
		MRI 2360 Fundamentals of Imagining Sciences in Health Care	1 cr
		MRI 2501 Clinical Practicum I	5 cr
Total Credits	**7**	**Total Credits**	**13**
Semester 5			
MRI 2302 MRI Procedures II	4 cr		
MRI 2450 Advanced Imaging Procedures	1 cr		
MRI 2502 Clinical Practicum II	8 cr		
MRI 2570 MRI Registry Review	2 cr		
Total Credits	**15**		

*All MRI courses are taken at Mayo Clinic School of Health Sciences.
Course descriptions can be found at: https://www.rctc.edu/academics/courses/course-descriptions.