

Radiologic Technology

Radiologic Technology Program Outcomes

Goal	Outcome
Upon completion of this program, students will:	Understand basic concepts in the sciences related to radiologic technology.
	Possess effective verbal and written communication skills.
	Be able to apply critical thinking skills to professional practice.
	Be clinically competent entry level radiographers.
	Exhibit ethical and professional behaviors.

Bachelor of Science with a Major in Radiologic Technology (124-126 cr)

This curriculum is designed for students who wish to complete a full Bachelor's degree at MSU. Once a student has completed all of the necessary on-campus course work they then enroll for two years of clinical training at any accredited school of radiologic technology. There are five of these schools in North Dakota, one of which is in Minot. These schools are separate from the University, and admission to them is competitive. Admission to clinical training is the sole prerogative of the individual hospital-based program. Admission to Minot State University does not guarantee acceptance into clinical training. Students pursuing the BS degree must enroll at Minot State during the two years of clinical training and pay full tuition and fees each semester. Students who require financial aid from Minot State University during the summer months of clinical training are allowed to register as full-time students. Students receive a minimum of 52 semester credits for clinical training.

Once a student has been accepted into a radiologic technology school, they then apply to the Division of Science for permission to enroll in RAD 405 Radiologic Technology Clinical. RAD 405 Radiologic Technology Clinical carries the prerequisite of acceptance into the Radiologic Technology program. Students pursuing this program would, upon successful completion of the program, be granted a BS degree from Minot State. They would also be eligible to take the American Registry for Radiologic Technologist (AART) Examination to become certified as a registered radiologic technologist/radiographer. MSU maintains, where feasible, tuition agreements with radiologic technology schools for students pursuing the BS degree.

Transfer students are required to meet all of the MSU residency requirements, the General Education requirements, and to take a minimum of 12 credits of the required course work for the major at MSU. Credits from clinical study cannot be used to meet any of these requirements. No student who is already a registered radiologic technologist/radiographer may be accepted into RAD 405 Radiologic Technology Clinical.

General Education

General Education courses 38-40

Radiologic Technology majors are required to take the following specific courses which may also be used to help satisfy the General Education requirements.

MATH 107	Precalculus	
PHYS 203	Introduction to Physics I	
PHYS 204	Introduction to Physics II	
PSY 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	

Required Courses

BIT 220	Management Information Systems	3
BIOL 220	Anatomy And Physiology I	4
BIOL 221	Anatomy And Physiology II	4
CHEM 115	Introductory Chemistry (& CHEM 115L)	4
CSCI 101	Introduction to Computer Science	3
HMS 208	Medical Terminology	2
KIN 431	Kinesiology	3
MATH 210	Elementary Statistics	4
PHIL 210	Ethics	3
PSY 270	Abnormal Psychology	3
RAD 102	Introduction to Radiologic Technology	1

Clinical Experience

4 Semesters at 13 Credits per Semester 52

Total Hours

124-126