RADIOGRAPHY AAS

Purpose: Radiography is an exciting and challenging career involving the use of highly sophisticated equipment to create X-rays, which are anatomical images used by physicians to diagnose disease, injury or disability. Radiographers have direct patient contact in clinic and hospital settings and are valuable members of the health care team. The Radiography Program offers an exceptional educational experience by providing the high-quality didactic and clinical experiences needed to create a well-rounded, fully competent radiographer in an environment based on teamwork and mutual respect. Graduates who obtain a certificate in Radiography and Associate Degree are eligible to take the radiography certification examination administered by the American Registry of Radiologic Technologists (ARRT). Successfully passing the ARRT Primary Radiography Certification Exam will earn graduates the nationally recognized credentials of R.T.(R).

Award

Radiography A.A.S. Degree .....81 credits total
*Radiography curriculum..... 53 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 (Fall)		Semester 2 (Spring)	
BIOL 1217 Anatomy and Physiology I	4 cr	BIOL 1218 Anatomy and Physiology II	4 cr
CHEM 1117 General, Organic, and Biological Chemistry I	4 cr	ENGL 1117 Reading and Writing Critically I	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 (Summer)		**Semester 4 (Fall)**	
RAD 3011 Foundations of Radiography	2 cr	RAD 3111 Radiation Physics	2 cr
RAD 3101 Radiography Procedures I	2 cr	RAD 3102 Radiographic Procedures II	7 cr
RAD 3201 Introduction to Clinical Radiography	2 cr	RAD 3301 Clinical Practicum I	5 cr
Total Credits	**6**	**Total Credits**	**14**
Semester 5 (Spring)		**Semester 6 (Summer)**	
RAD 3202 Principles of Radiographic Exposure I	2 cr	RAD 4303 Clinical Practicum III	7 cr
RAD 3302 Clinical Practicum II	9 cr		
RAD 4103 Radiographic Procedures III	2 cr		
Total Credits	**13**	**Total Credits**	**7**
Semester 7 (Fall)			
RAD 4241 Radiation Biology and Protection	2 cr		
RAD 4202 Principles of Radiographic Exposure II	1 cr		
RAD 4302 Advanced Modalities	1 cr		
RAD 4501 Certification Exam Review	2 cr		
RAD 4402 Clinical Practicum IV	7 cr		
Total Credits	**13**		

*All RAD courses are taken at Mayo Clinic School of Health Sciences.

Course descriptions can be found at: https://www.rctc.edu/academics/courses/course-descriptions.