

Radiography

Winona Campus

OVERVIEW

The Radiography Program equips students with educational experiences within classroom and clinical settings and prepares them for a rewarding career in medical imaging.

Radiographers play a key role in the medical team, providing diagnostic radiology services in hospitals, clinics, and advanced medical imaging centers. Administering ionizing radiation, the radiographer produces images of any designated body part, including bones, joints, and internal organs. The radiographer instructs and positions patients, manipulates x-ray equipment, selects appropriate exposure factors, provides radiation protection, processes images and evaluates image quality.

Through classroom study, labs, and clinicals, you will be well trained in all aspects of the technology and patient care.

No Wait List: Unlike many programs in the region, the Radiography Program at Southeast will never have a waiting list. We are ready to welcome qualified students into the program now.

MAJORS WITHIN

Radiography, AAS 69 credits

Estimated costs for each major including tuition, books and supplies are posted on southeastmn.edu under Academics > Academic Programs by Degree.

PROGRAM OUTCOMES

Goal 1: Students/Graduates will demonstrate clinical competence

Learning Outcomes:

- Students will provide patient care
- Students will demonstrate proficiency in radiographic positioning
- Students will practice radiation safety principles

Goal 2: Students/Graduates will practice critical thinking skills

Learning Outcomes:

- Students will perform non-routine procedures
- Students will analyze images

Goal 3: Students/Graduates will apply effective communication skills

Learning Outcomes:

- Students will practice oral communication
- Students will illustrate written communication

Goal 4: Students/Graduates will synthesize the importance of professionalism

Learning Outcomes:

- Students will determine the importance of professional development
- Students will demonstrate professional behavior



PROGRAM HIGHLIGHTS

You will work directly with patients.

The clinical experience allows you to explore different modalities within radiography.

Our instructors are committed to student success.

CAREER OPPORTUNITIES

Hospitals
Medical Clinics
Medical Imaging Centers

ADDITIONAL INFORMATION

Download a program information packet and radiography program application packet from our website:

southeastmn.edu/radiography

Radiography - Associate of Applied Science

Program Plan - full time only program

Please note that this is a sample program schedule. Your schedule may vary depending upon your needs, goals, and course availability.
Please meet with your advisor to plan your schedule each semester.

Radiography - AAS

Course No.	Course Name	Credits
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Pre-program

These courses must be taken prior to any RADT courses.

All credits count towards the Radiography Major.

Once completed, program application is required.

ENGL1215	College Writing I or equivalent	3
BIOL2515	Anatomy & Physiology I	4
Goal 4	MATH 1230 Statistics OR MATH 1220 College Algebra	3
Pre-program total		10

YEAR 1: Fall Start Only

Fall Semester

RADT2601	Introduction to Radiologic Sciences	4
RADT2605	Radiographic Imaging I	3
RADT2611	Radiographic Positioning and Procedures 1	5
BIOL2516	*Anatomy & Physiology II	4

BIOL2516 must be completed to advance in the program.

Semester total **16**

Spring Semester

RADT2617	Clinical Practicum I [12 weeks--36 hours/week]	9
RADT2663	Modalities [online] [4 days-clinical observation]	2
*Goal 5	Social Sciences requirement	3

Semester total **14**

Summer

RADT2625	Radiographic Positioning and Procedures II	3
*Goal 6	*Humanities Requirement - HUMA 1125 recommended	3

Summer total **6**

YEAR 2:

Fall Semester

RADT2642	Clinical Practicum II [16 weeks--36 hours/week]	12
RADT2635	Radiographic Pathology [online]	1

Semester total **13**

Spring Semester

RADT2631	Radiographic Imaging II [hybrid]	3
RADT2620	Equipment Operation & Maintenance [12 weeks]	2
RADT2650	Radiation Protection and Biology [12 weeks]	2
RADT2673	Clinical Practicum III [4 weeks--36 hours/week]	3

Semester total **10**

Total credits **69**

* All general education courses can be completed prior to program start.

These course are for students who express an interest in CT or Mammography.

++RADT2686	Sectional Anatomy	3	Elective
++RADT2680	Introduction to Mammography	2	Elective
RADT2660	Computed Tomography	2	Elective

++ Spring offering only