



INDIANA UNIVERSITY NORTHWEST

COLLEGE OF HEALTH
AND HUMAN SERVICES

RADIOGRAPHY

ASSOCIATE OF SCIENCE

A.S. IN RADIOGRAPHY

Radiology is a science involving the medical use of X-rays, radium and radioactive isotopes in the diagnosis and treatment of disease. Radiographers are essential members of the health care team. They are experts in the performance of examinations requiring the use of X-rays and highly complex machinery to produce a quality X-ray image (radiograph) of the internal parts of the body for interpretation by a medical doctor (radiologist).

The program is designed to prepare students for professional careers as radiographers in the medical field. By providing pertinent learning experiences, the faculty strives to develop students' interests in lifelong learning through professional societies and continuing education.

DEGREE REQUIREMENTS

The A.S. in radiography requires satisfactory completion of 76 to 77 credit hours, which includes 23 to 24 credit hours of prerequisite and general education courses and 52 credit hours of professional courses. Students may apply online for admission to the radiography program after qualifying for regular admission to Indiana University. Admission to the professional program is competitive; therefore, completion of the application does not guarantee admission to the program.

Prior to beginning professional course work, all students must complete the program's math and English requirements with a C (2.0) grade or better. In addition, students are encouraged to complete the required arts and sciences coursework to improve their chances for acceptance. The application deadline date is January 15 of the year the student wishes to begin the professional program.

COURSEWORK

The Associate of Science in Radiography program begins each July (summer session II) and is a full-time day program involving classroom and laboratory experiences on campus and clinical experiences at local hospitals. The curriculum follows a pattern designed to train students to become adept in the performance of diagnostic radiologic procedures.

Radiography courses include:

- Radiologic Principles
- Radiographic Procedures
- Radiation Protection
- Radiobiology
- Clinical Application of Theory
- Medical Terminology
- Human Anatomy and Physiology
- Pathology

PROGRAM HIGHLIGHTS

Students have the unique opportunity to participate in the International Human Cadaver Prosection Program, a three-day hands-on anatomy workshop that allows non-physician and non-medical student volunteers to become active participants in a medical lab by preparing the body donors for the fall gross anatomy class. Acceptance into this program is competitive. In addition, radiography students may also have the opportunity to participate in the imaging of the cadaver donors prior to prosection.

WHAT CAN I DO WITH AN A.S. IN RADIOGRAPHY?

Radiographers find employment possibilities in various medical settings ranging from doctors' offices to large medical centers. In addition, some seek employment in education, industry or the marketing and sales of x-ray products. Many pursue advanced clinical experience in specialties such as computed tomography, magnetic resonance imaging and cardiovascular interventional technology.

HANDS-ON LEARNING

From the very first semester in the program, students are involved in providing direct patient care through clinical experience coursework. Clinical experiences occur in local hospitals, including The Community Hospital in Munster; Franciscan St. Anthony Health in Crown Point; Franciscan St. Anthony Health in Michigan City; Franciscan St. Margaret Health in Hammond; IU Health LaPorte Hospital in LaPorte; Methodist Hospital of Gary, Inc., in Gary and Merrillville; Porter Hospital in Valparaiso; and St. Mary Medical Center in Hobart.

CLUBS AND ACTIVITIES

Students enrolled in the Associate of Science Radiography Program are eligible to participate in the Radiography Club on campus.

RELATED DEGREE OPTION

B.S. in Radiologic Sciences

FOR MORE INFORMATION

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