

Radiologic Technology

Associate of Applied Science

Radiologic technologists provide diagnostic and therapeutic services to patients of all ages in a wide variety of clinical settings. The scope of practice for radiographers includes: evaluating clinical data, performing and assisting in the performance of prescribed diagnostic studies, instructing patients about procedures they will undergo, monitoring patient responses to care provided, modifying procedures to achieve the desired information for interpretation by a radiologist or other qualified healthcare provider, providing patient, family and community education, disease prevention, participating in life-support activities as required, and following clinical practice guides.

Radiographers should demonstrate behavior and ethics consistent with standards and ethics of all radiologic science professionals. Radiographers are involved in clinical decision making and patient education.

Career Opportunities

The demand for radiographers was ranked fifth in terms of average annual job openings (5,630 per year projected to 2016) due to growth and replacement for jobs requiring an associate degree by the Bureau of Labor Statistics.

Curriculum

This program prepares individuals as radiographers educated through academic courses and clinical education. Graduates will be eligible for examination by the American Registry of Radiologic Technologists. Graduates must satisfy the requirements as stipulated by BGSU for associate degrees. Graduates must also satisfy all requirements of the Ohio Department of Health, radiologic licensure division, to obtain a license to practice in Ohio. Radiologic technology practice varies based upon individual state's law. The radiologic specific course curriculum is based upon the radiography curriculum guide of the American Society of Radiologic Technologists.

University admission policies and fees:

www.bgsu.edu/catalog/Acad_policies/index.html

Classroom instruction is accompanied by laboratory experiences and directed practice at area clinical sites. Under supervision by registered/licensed radiologic professionals who serve as clinical instructors, students perform radiographic procedures on patients to achieve mastery of the procedures taught in the classroom and laboratory. Students in this program must complete a minimum of 73 hours, with at least 15 hours completed at BGSU immediately before graduation.

Radiologic Technology Program Admission

Note: This program has selective admission. Students will be admitted into a pre-program based on admissions requirements. Students will then be required to go through an additional application process before being officially admitted to the major.

Students must meet the following criteria:

1. Graduated from an accredited high school having attained a GPA of 2.0 or GED or have completed 12 semester hours of college work with an overall GPA of 2.5 or higher;
2. Formally admitted to BGSU;
3. Completed developmental courses in English, reading and study strategies, or math, if more than six credits are required (based upon COMPASS test results);
4. Completed at least eight (8) of the nine (9) general education classes, with a minimum grade of C;
5. Completed Strong Interest Inventory testing;
6. Completed a 4-8 hour observation experience in a clinical radiology location;
7. Participated in a personal interview in which attitude and enthusiasm for the program will be considered (students should be in casual business attire);

8. Passed a criminal history background check allowing them to enter clinical settings as required by Ohio law;
9. Graduates of certificate/diploma programs may make use of the associate of technical studies degree program. Contact the advisor for details.
10. Complete a formal application returned to the program director.

Clinical Admission

To be admitted to clinical directed practice, the student must meet the following requirements:

1. Complete prerequisite coursework in good standing, GSW, COMM, MATH, PSYC, MEDT, A&P, CS, RX, ELECTIVE (See program check sheet);
2. Pass a criminal history background check;
3. Meet all physical requirements to perform the essential functions of a student radiographer as evidenced by a completed physical examination on file with the program;
4. Apply for professional liability insurance through BGSU upon entering clinical practice;
5. Sign a BGSU liability waiver form;
6. Submit a copy of a current CPR card indicating successful completion of an AHA Health Care Provider course;
7. Review and agree to comply with guidelines in the Student Clinical Handbook.

Program Progression

After gaining admittance to the program, students must meet the following minimum requirements to be in good standing and continue in the program:

1. Maintain a cumulative GPA of 2.25 or higher;
2. Earn a grade of "C" or higher in RADT 1000, 1110, 1120, 1210, 1220, 1230, 1410, 2400, 2420, 2430, 2510, 2520 and 2530, AHTH 102;
3. Earn an "S" in RADT 1810, 1820, 1830, 2810, 2820 and 2830;

(OVER)

4. Demonstrate the achievement of competency in all areas of clinical practice;
5. Comply with RADT clinical policies and procedures; failure to comply will result in ineligibility to continue in the program.

Additional Student Expenses

Students are responsible for the following expenses related to participation in the clinical directed practice:

1. Pre-clinical physical examination including lab work and immunizations;
2. Textbooks and/or clinical training manuals and folders;
3. Lab fees;
4. Transportation to and from clinical sites;
5. Scrub attire, lab coats, and other appropriate uniform attire;
6. BGSU Firelands student name tag.
7. Clinical placement is not guaranteed and students must be willing to rotate to FRMC, FTMC, Bellevue Hospital, Magruder Hospital, Sandusky Orthopedic & Rheumatology, NOMS, North Central Mobile Diagnostics & Source Diagnostics.

Note: Professional liability insurance coverage is provided by BGSU and is not a student expense.

Radiologic Technology Mission Statement

The mission of the A.A.S. in Radiologic Technology degree program is to prepare individuals as radiographers educated through academic courses, clinical education, competency evaluation and patient/student radiographer interactions to provide optimum patient care. The program would also serve as the foundation for continued study and additional credentials in related medical imaging fields.

Goals, Outcomes and Results

A list of the goals, outcomes and results for the radiologic technology program can be reviewed at www.firelands.bgsu.edu/academics/page132314.pdf

For Further Information

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Your University Opportunity

BGSU Firelands, located in Huron, Ohio, is a regional campus and one of the seven undergraduate colleges of Bowling Green State University. We offer many of the advantages and resources of a major university, but in a smaller, more personal environment.

Generally, students are able to complete at least two years of coursework toward most of the 200-degree programs at BGSU before transferring to the main campus, or to another college or university.

BGSU Firelands offers students a wireless environment campus wide. Kiosks and public-access computers located in most campus buildings provide easy Internet access. In addition, there are several on-

campus computer labs with a variety of computers and software programs.

The library, containing more than 30,000 volumes, is computer-linked to the more than 4 million items available through BGSU's libraries to provide excellent research opportunities.

Academic advisors work individually with students to plan their degree programs and small class sizes allow students to have close, personal contact with their professors. Free tutoring is readily available through the Teaching and Learning Center. Scholarships, grants and loans are available to assist students with tuition.

NOTE: Information in this guide is subject to change without notice. To learn more about the official program of study for Radiologic Technology, please check the undergraduate catalog online at www.bgsu.edu/catalog.html