

# BGSU Firelands

## 2009-2010 Radiologic Technology

### Associate of Applied Science Degree Program

Students are responsible for adhering to all college and university requirements and policies as stated in the BGSU Undergraduate Catalog. Prerequisites shown are for reference only.

Communication (6 hour min)		Pre-Req	Cr	T	G
GSW 1120 is required. Based on placement scores, GSW 1100 or GSW 1110 may also be required. No more than 6 hours of GSW 1100/1110/1120 count toward graduation. IPC 1020 or 3060 is also required.					
GSW 1100	Intensive Intro. to Academic Writing	placement	5		
GSW 1110	Intro. to Academic Writing	placement	3		
GSW 1120	Academic Writing	placement	3		
IPC 1020 or IPC 3060*	Speech Communication Interpersonal Communication		3		

Mathematics (3 hour min)		Pre-Req	Cr	T	G
MATH 1120, MATH 1150, MATH 1200, or STAT 2000 is required. Based on placement, MATH 90 and/or MATH 95 may also be advised. MATH 90 and MATH 95 do not count toward graduation.					
MATH 90	Elementary Algebra	placement	3		
MATH 95	Intermediate Algebra		3		
MATH 1150* or MATH 1120 or MATH 1200* or STAT 2000	Introduction to Statistics College Algebra I College Algebra Using Statistics		3 3 5 3		

BG Perspective Curriculum (7 hour min)		Pre-Req	Cr	T	G
Seven hours are required from PSYC 1010 (4) and a required elective from Humanities or Humanities with an International Perspective or Cultural Diversity.					
PSYC 1010*	General Psychology (S)		4		
	(H or HI or C)				

Electives by advisement (not required)		Pre-Req	Cr	T	G
SOC 3160	(C) Minority Groups	SOC 1010	3		
CHEM 1090*	(N) Elementary Chemistry		3		
CHEM 1100*	(N) Elementary Chemistry Laboratory		1		
RADT 2900	Special Topics in Radiologic Science	permission	1-3		
CS 1800	Introduction to Word XP		1		
LIB 2210	Research in the Electronic Library I		1		
AHTH 1320	Applied Physics & Chem for Allied Health	HS/Chem 1000	3		
PUBH 3200*	Introduction to Public Health		3		
PHIL 2420	(H) Medical Ethics		3		

Student Name \_\_\_\_\_

BGSU ID \_\_\_\_\_

Student e-mail \_\_\_\_\_

Advisor: \_\_\_\_\_

e-mail: \_\_\_\_\_

Office: \_\_\_\_\_

Basic Courses		Pre-Req	Cr	T	G
MIS 2000 or CS 1000	Intro to Management Information Systems Computer Basics	HS Alg-Math 95	3		
MEDT 3010 or AHTH 1100	Medical Terminology Medical Terminology		2		
AHTH 1310 or BIOL 2050* and BIOL 3310* and BIOL 3320*	Basic Anat & Physiology for Allied Health Concepts in Biology II Human Anatomy & Physiology I Human Anatomy & Physiology II	BIOL 2050	5 5 4 4		
AHTH 1400 or AHTH 1410	Pharmacology for Allied Health Survey of Pharmacology		3 1		
AHTH 1020	Radiation Protection		1		

Technical Courses		Pre-Req	Cr	T	G
RADT 1000	Fundamentals of Radiography		2		
RADT 1110	Radiographic Procedures 1	admit/permission	2		
RADT 1120	Radiographic Procedures Lab 1	admit/permission	1		
RADT 1210	Radiographic Procedures 2	RADT 1110/1120	2		
RADT 1220	Radiographic Procedures Lab 2	RADT 1110/1120	1		
RADT 1230	Imaging and Exposure	RADT 1120	1		
RADT 1240	Processing Methods	RADT 1230	2		
RADT 1410	Radiation Physics I	RADT 1230	3		
RADT 2410	Radiation Physics II	RADT 1410	1		
RADT 2400	Computers in Radiologic Science	admit/permission	1		
RADT 2420	Radiation Biology	AH1100/ME3010+AH1310	2		
RADT 2430	Image Analysis	RADT 1230	2		
RADT 2510	Radiographic Pathology	RADT 2420/2430	2		
RADT 2520	Quality Assurance	RADT 1230/2410/2430	2		

Clinical Core		Pre-Req	Cr	T	G
RADT 1810	Directed Practice	admit/permission	3		
RADT 1820	Directed Practice	RADT 1810 & perm	3		
RADT 1830	Directed Practice	RADT 1820 & perm	3		
RADT 2810	Directed Practice	RADT 1830 & perm	4		
RADT 2820	Directed Practice	RADT 2810 & perm	4		
RADT 2830	Directed Practice	RADT 2820 & perm	4		

\*Most courses are applicable to the Bachelor of Science in Applied Health Science (Allied Health Specialization). Where choices exist, courses marked \* are required.

Each student must complete a sufficient number of electives to earn a minimum of 62 semester hours. At least 15 credit hours must be BGSU courses. Please check with your advisor for appropriate course selections.



### **Radiologic Technology Program Admission**

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 twelve semester hours of college work with an overall GPA of 2.0 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 Strong Interest Inventory testing;
5. Completed a 4 - 8 hour observation experience in a clinical radiology location;
6. Participated in a personal interview in which attitude and enthusiasm for the program will be considered.
7. Passed a criminal history background check allowing them to enter clinical settings as required by Ohio law.
8. Graduates of certificate/diploma programs may make use of the Associate of Technical Studies degree program. Contact the adviser for details.

### **Clinical Admission**

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

1. Complete prerequisite coursework in good standing;
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. Submit evidence of auto insurance policy;
5. Apply for professional liability insurance through BGSU upon entering clinical practice;
6. Sign a BGSU liability waiver form;
7. Submit a copy of a current CPR card indicating successful completion of an AHA Health Care Provider course.
8. 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, 2410, 2420, 2430, 2510 and 2520; AHTH 1020.
3. Earn a "S" in RADT 1810, 1820, 1830, 2810, 2820 and 2830;
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.

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