

# BGSU Firelands

## Fall 2017 Diagnostic Medical Sonography

Associate of Applied Science Degree Program

Students are responsible for adhering to all college and university requirements & policies as stated in the BGSU Undergraduate Catalog. Students starting prior to Fall 2012 will follow policies stated in the 2012-2013 Undergraduate Catalog. Prerequisites shown are for reference only.

Communication	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. COMM 1020 or 3060 is also required.				
GSW 1100 Intensive Intro to Academic Writing	placement	5		
GSW 1110 Introduction to Academic Writing	placement	3		
GSW 1120 Academic Writing	placement	3		
COMM 1020 Speech Communication or COMM 3060 Interpersonal Communication		3		
		3		

### Mathematics

MATH 1120, MATH 1150, or STAT 2000 is required based on placement MATH 90 and/or MATH 95 may also be advised. MATH 90, MATH 95, and MATH 1210 do not count toward graduation.

Mathematics	Pre-Req	Cr	T	G
MATH 90 Elementary Algebra	placement	3		
MATH 95 Intermediate Algebra	placement	3		
MATH 1150* or Introduction to Statistics (QL)		3		
MATH 1220 or College Algebra I	MATH 1210	3		
STAT 2000 Using Statistics		3		

### General Education Core Curriculum

PSYC 1010 (4) is required. Choose coursework from the following areas:

Social and Behavioral Sciences (S or SI), Arts and Humanities (H or HI),

Natural Sciences (N), and Cultural Diversity ( C). Course choices should be made from

the list of approved BG Perspective Curriculum courses listed in the Undergraduate Catalog.

PSYC 1010* (S) General Psychology		4		
Elective (BIOL 1040 or 2050 is recommended and may be needed as a prerequisite for BIOL 3310)		3		

### Electives by advisement (not required)

SOC 3160 ( C) Minority Groups	SOC 1010	3		
DMS 2900 Special Topic in DMS	admit/permission	1		
LIB 2210 Research in the Electronic Library		1		
CS 1800 Introduction to Word XP		1		
LIB 2210 Research in the Electronic Library		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		
CHEM 1090* (N) Elementary Chemistry		1		
CHEM 1100* (N) Elementary Chemistry Laboratory		1		

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

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

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

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

Email: \_\_\_\_\_

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

Basic Courses	Pre-Req	Cr	T	G
AHS 3010 or Medical Terminology		2		
AHTH 1100 Medical Terminology		2		
AHTH 1310 or Basic Anat & Physiology for Allied Health		5		
BIOL 3310* and Human Anatomy & Physiology I	BIOL 1040 or 2050	4		
BIOL 3320* Human Anatomy & Physiology II	BIOL 1040 or 2050	4		
PUBH 3400 Introduction to Human Diseases or	BIOL 3320	3		
AHTH 2300 Pathophysiology	BIOL 3310 and 3320 or AHTH 1310	4		
PHYS 1010 or Basic Physics		3		
PHYS 2010 or College Physics I	See Catalog	5		
RADT 1410 Radiation Physics		3		
AHTH 2400 Cross Sectional Anatomy for Healthcare Professionals	permission	3		

### Technical Courses

AHTH 1030 Patient Care in the Imaging Sciences		3		
DMS 1000 Introduction to Sonography	admit/permission	1		
DMS 1110 Sonographic Procedures 1	admit/permission	4		
DMS 1120 Sonographic Procedures Lab 1	admit/permission	1		
DMS 1210 Sonographic Procedures 2	DMS 1110/1120	4		
DMS 1220 Sonographic Procedures Lab 2	DMS 1110/1120	1		
DMS 1420 Sonographic Principles & Instrumentation	admit/permission	4		
DMS 2110 Advanced Diagnostic Studies 1	DMS 1410/2410	2		
DMS 2120 Advanced Diagnostic Studies Lab 1	DMS 1410/2410	1		
DMS 2210 Advanced Diagnostic Studies 2	DMS 2110/2120	2		
DMS 2220 Advanced Diagnostic Studies Lab 2	DMS 2110/2120	1		
DMS 2510 Capstone Seminar	DMS 2210/2410	1		
<b>Clinical core</b>				
DMS 1810 Directed Practice	DMS 1010 & DMS 1110/1120	2		
DMS 1820 Directed Practice	DMS 1810/perm	3		
DMS 2810 Directed Practice	DMS 1830/perm	4		
DMS 2820 Directed Practice	DMS 2810/perm	4		
DMS 2830 Directed Practice	DMS 2820/perm	3		

\*Most courses are applicable to the Bachelor of Science in Applied Health Science (Allied Health Specialization). Where choices exist, course marked\* are required. Each student must complete a sufficient number of electives to earn a minimum of 62 semester hours. Please check with you advisor for appropriate course selections.