

BGSU Firelands

Spring 2016 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 Developmental Writing	placement	5		
GSW 1110 Introductory Writing	placement	3		
GSW 1120 Varieties of Writing	placement	3		
COMM 1020 Speech Communication		3		
COMM 3060 Interpersonal Communication		3		

Mathematics (3 hours minimum)

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	placement	3		
MATH 1150* or Introduction to Statistics	MATH 1210	3		
MATH 1220 or College Algebra I		3		
MATH 1200* or College Algebra		5		
STAT 2000 Using Statistics		3		

General Education Core Curriculum

PSYC 1010 (4) is required and 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 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 1810 Directed Practice		2		
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	_____
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Student e-mail	_____
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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	BIOL 1040 or 2050	5		
BIOL 3310* and Human Anatomy & Physiology I		4		
BIOL 3320* Human Anatomy & Physiology II		4		
	BIOL 3310 and 3320 or AHTH 1310	4		
AHTH 2300 Pathophysiology		3		
PHYS 1010 or Basic Physics	See Catalog	5		
PHYS 2010 or College Physics I		3		
RADT 1410 Radiation Physics		3		
RADT 2900 Special Topic Cross Sectional Anatomy	permission	3		

Technical Courses (19 hours minimum)

DMS 1000 Introduction to Sonography	admit/permission	1		
DMS 1010 Patient Care in Sonography	admit/permission	2		
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 1410 Sonographic Physics & Instrumentation I	admit/permission	2		
DMS 2410 Sonographic Physics & Instrumentation II	DMS 1410	2		
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		

Clinical core (16 hours minimum)

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.