

BGSU Firelands

Spring 2019 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 | 3 | |
| COMM 3060 | Interpersonal Communication | | 3 | |

| Mathematics | Pre-Req | Cr | T | G |
|---------------|---------------------------------|-------------|---|---|
| MATH 1150* or | Introduction to Statistics (QL) | | 3 | |
| MATH 1220 or | College Algebra I | see catalog | 3 | |
| STAT 2000 | Using Statistics | | 3 | |

| General Education Core Curriculum | Pre-Req | Cr | T | G |
|---|--|----|---|---|
| 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) | Pre-Req | Cr | T | G |
|--|---|------------------|---|---|
| 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 & Physiolgy 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 | 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 | Pre-Req | Cr | T | G |
|-------------------|--|------------------|---|---|
| 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 | |

| Clinical core | Pre-Req | Cr | T | G |
|---------------|-------------------|--------------------------|---|---|
| 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.