

**Spring 2021 - current**  
**Associate of Applied Science Degree Program**  
**Diagnostic Medical Sonography**



**General Requirements**

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

**Communication**

WRIT 1120 is required. Based on placement scores, WRIT 1010 and/or WRIT 1110 may also be required. COMM 1020 or 3060 are also required.

| Hrs      | Grade        |  |
|----------|--------------|--|
| <u>3</u> | <u>_____</u> | WRIT 1110 Seminar in Academic Writing  |
| <u>3</u> | <u>_____</u> | WRIT 1120 Seminar in Research Writing  |
| <u>3</u> | <u>_____</u> | COMM 1020 Introduction to Communication <b>or</b><br>COMM 3060 Interpersonal Communication |

**Mathematics**

|          |              |   |
|----------|--------------|---|
| <u>3</u> | <u>_____</u> | MATH 1150* Introduction to Statistics (QL) <b>or</b><br>MATH 1220 College Algebra <b>or</b><br>STAT 2000 Using Statistics |
|----------|--------------|---|

**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.

|          |              |   |
|----------|--------------|---|
| <u>4</u> | <u>_____</u> | PSYC 1010 * (S) General Psychology  |
| <u>3</u> | <u>_____</u> | BGP Elective (BIOL 1040 or 2050 is recommended and may be needed as a prerequisite for BIOL 3310) |

**Electives by advisement (not required)**

|          |              |   |
|----------|--------------|---|
| <u>3</u> | <u>_____</u> | SOC 3160 (C) Minority Groups                        |
| <u>1</u> | <u>_____</u> | DMS 2900 Special Topics in DMS                      |
| <u>1</u> | <u>_____</u> | LIB 2210 Research in the Electronic Library         |
| <u>1</u> | <u>_____</u> | CS 1800 Introduction to Word XP                     |
| <u>3</u> | <u>_____</u> | AHTH 1320 Applied Physics & Chem. for Allied Health |
| <u>3</u> | <u>_____</u> | PUBH 3200* Introduction to Public Health            |
| <u>3</u> | <u>_____</u> | PHIL 2420 (H) Medical Ethics                        |
| <u>3</u> | <u>_____</u> | CHEM 1090* (N) Elementary Chemistry                 |
| <u>1</u> | <u>_____</u> | CHEM 1100* (N) Elementary Chemistry Laboratory      |

**Basic Courses**

| Hrs        | Grade        |   |
|------------|--------------|---|
| <u>2</u>   | <u>_____</u> | AHS 3010 Medical Terminology <b>or</b><br>AHTH 1100 Medical Terminology   |
| <u>4-5</u> | <u>_____</u> | AHTH 1310 Basic Anat & Physiology for Allied Health <b>or</b><br>BIOL 3310* Human Anatomy & Physiology I <b>and</b><br>BIOL 3320* Human Anatomy & Physiology II |
| <u>3-4</u> | <u>_____</u> | PUBH 3400 Introduction to Human Diseases <b>or</b><br>AHTH 2300 Pathophysiology   |
| <u>3-5</u> | <u>_____</u> | PHYS 1010 Basic Physics <b>or</b><br>PHYS 2010 College Physics I <b>or</b><br>RADT 1410 Radiation Physics   |
| <u>3</u>   | <u>_____</u> | AHTH 2400 Cross Sectional Anatomy for Healthcare Professionals  |

**Technical Courses**

|          |              |   |
|----------|--------------|---|
| <u>2</u> | <u>_____</u> | AHTH 1030 Patient Care in the Imaging Sciences    |
| <u>1</u> | <u>_____</u> | DMS 1000 Introduction to Sonography               |
| <u>4</u> | <u>_____</u> | DMS 1110 Sonographic Procedures 1                 |
| <u>2</u> | <u>_____</u> | DMS 1120 Sonographic Procedures Lab 1             |
| <u>4</u> | <u>_____</u> | DMS 1210 Sonographic Procedures 2                 |
| <u>1</u> | <u>_____</u> | DMS 1220 Sonographic Procedures Lab 2             |
| <u>2</u> | <u>_____</u> | DMS 1310 Vascular Concepts I                      |
| <u>1</u> | <u>_____</u> | DMS 1320 Vascular Concepts Lab I                  |
| <u>4</u> | <u>_____</u> | DMS 1420 Sonographic Principles & Instrumentation |
| <u>2</u> | <u>_____</u> | DMS 2110 Advanced Diagnostic Studies 1            |
| <u>1</u> | <u>_____</u> | DMS 2120 Advanced Diagnostic Studies Lab 1        |
| <u>2</u> | <u>_____</u> | DMS 2210 Advanced Diagnostic Studies 2            |
| <u>3</u> | <u>_____</u> | DMS 2310 Vascular Concepts II                     |
| <u>1</u> | <u>_____</u> | DMS 2510 Capstone Seminar                         |

**Clinical Core**

|          |              |                            |
|----------|--------------|----------------------------|
| <u>1</u> | <u>_____</u> | DMS 1810 Directed Practice |
| <u>2</u> | <u>_____</u> | DMS 1820 Directed Practice |
| <u>3</u> | <u>_____</u> | DMS 2810 Directed Practice |
| <u>3</u> | <u>_____</u> | DMS 2820 Directed Practice |
| <u>2</u> | <u>_____</u> | DMS 2830 Directed Practice |

\* 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. Please check with your advisor for appropriate course selections.