

DIAGNOSTIC MEDICAL SONOGRAPHY (ULTRASOUND)

Associate in Applied Science

Prescribed Technical Program	46
General Education	16-18
Diagnostic Medical Sonography Required Program Electives	8-10
Total Degree Credits	70-74

Course	Title	Credits
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1st Year

Fall Semester

General Education Courses

Arts & Humanities/Social & Behavioral Sciences		
General Education Matrix (Arts & Humanities/Social & Behavioral Sciences)		3
Written or Oral Communications		
ENGL 110	College Composition I (Required) ¹	3
Business, Math, Science & Technology		
Select one of the following:		3-4
MATH 103	College Algebra ¹	
MATH 210	Elementary Statistics ¹	
BIOL 220	Anatomy and Physiology I (Required) ¹	3-4
BIOL 220L	Anatomy and Physiology I Lab (Required) ¹	1
Credits		13-15

Spring Semester

Prescribed Technical Program Requirements

DMS 101	Introduction to Diagnostic Medical Sonography ¹	1
BOTE 172	Medical Terminology ¹	3

General Education Courses

Written or Oral Communications		
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking (Recommended)	

Diagnostic Medical Sonography Required Program Electives

BIOL 221	Anatomy and Physiology II ¹	3-4
BIOL 221L	Anatomy and Physiology II Lab ¹	1
PHYS 100	Concepts of Physics ¹	3-4
PHYS 100L	Concepts of Physics Lab ¹	1
Credits		15-17

2nd Year

Fall Semester

Prescribed Technical Program Requirements

DMS 102	Ultrasound Cross-Sectional Anatomy I ¹	3
DMS 104	Diagnostic Medical Sonography I ¹	3
DMS 105	Ultrasound Physics ¹	3
DMS 106	Clinical Ultrasound Lab I ¹	3
Credits		12

Spring Semester

Prescribed Technical Program Requirements

DMS 209	Professional Development and Growth in Sonography ¹	1
DMS 210	Ultrasound Cross-Sectional Anatomy II ¹	3

DMS 211	Diagnostic Medical Sonography II ¹	3
DMS 212	Clinical Ultrasound Lab II ¹	5
	Credits	12
Summer Semester		
Prescribed Technical Program Requirements		
DMS 207	Sonography Capstone ¹	1
DMS 215	Clinical Ultrasound Internship I ¹	5
	Credits	6
3rd Year		
Fall Semester		
Prescribed Technical Program Requirements		
DMS 220	Clinical Ultrasound Internship II ¹	12
	Credits	12
	Total Credits	70-74

¹ Students are required to earn "C" or higher or "T" (test credit) or "S" (satisfactory) in each course noted for successful completion of the program.

College Degree Requirements

General Education & Diversity Course Matrix Requirements

A GPA of 2.0 "C" or higher must be earned in all prescribed technical program requirement courses in order to continue in the program.

All Diagnostic Medical Sonography courses must be taken in sequence.

Diagnostic Medical Sonography Application Process

Application Deadline

Fall: April 1

1. Admission to Bismarck State College.
 - a. Apply as "Pre-Diagnostic Medical Sonography."
 - b. Check CampusConnection to ensure all of your "To Do List" items have been completed. Students cannot be admitted to the Diagnostic Medical Sonography courses if they are not admitted to BSC due to an incomplete Admission file.
2. Complete application for Diagnostic Medical Sonography program:
 - a. Prior to applying to the Diagnostic Medical Sonography program, students must complete, or be in the process of completing, the year one courses listed as General Education Courses, Prescribed Technical Program Requirements, and Diagnostic Medical Sonography Required Program Electives with a grade of "C" or better.
 - i. Year one program required courses minimum GPA of 2.75.
 - ii. Cumulative minimum GPA of 2.0.
 - b. Completion of ATI Test of Essential Academic Skills (TEAS) with scores ≥ 62 in Math and ≥ 73 in Reading. Submit a copy of TEAS results as part of the application materials.
 - c. Submit DMS application form available on DMS Program Application and Requirements webpage.
 - d. Obtain 2 recommendation letters utilizing forms available on DMS Program Application and Requirements webpage.
3. Complete the interview process with the Diagnostic Medical Sonography Admission Committee.
 - a. Interview will be scheduled once the program application is received and reviewed.
 - b. Following a successful application and interview process, students will be offered placement into the program as space allows.
4. Upon acceptance into both BSC and the Diagnostic Medical Sonography program:
 - a. Students will attend program orientation and registration (scheduled after acceptance to the Diagnostic Medical Sonography Program). There is no registration for DMS courses (excluding DMS 101) prior to this day.
5. Following acceptance, students will need to successfully complete the Castlebranch Compliance Tracker (\$153 student expense) to ensure the following requirements are met:
 - a. AHA BLS (Healthcare Provider) CPR
 - b. Background/Exclusions Check
 - i. No felony convictions. Misdemeanors will be reviewed on a case-by-case basis.
 - c. Vaccinations:

- i. MMR- 2 vaccinations or titer (blood test).
 - ii. Varicella- 2 vaccinations or positive titer (blood test). (We cannot accept a statement or doctor note stating that you have had chickenpox or shingles.)
 - iii. Tuberculosis (TB)- 2 step TB skin test **or** QuantiFERON or T-SPOT.TB **or** negative chest x-ray.
 - iv. Tetanus (Td/Tdap)- Current up to date (within 10 years).
 - v. Hepatitis B series- 3 doses of vaccine or titer (blood draw); recommended, not required.
 - vi. Current year influenza vaccination- due by November 1 for Fall semesters.
- d. 12 Panel Drug Screen
- i. Forms are available only from the Program Director.

For additional information or questions contact:

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