Sonography, Diagnostic Medical

ASSOCIATE IN SCIENCE(AS)

2024 - 2025

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ **Faculty Advisor:** *Vicki Bynum, Janice Skipper*

General Education (23 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/ social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ☐ ENC1101 English Composition I●+* 3
- ☐ ENC1101C Enhanced English Comp. I●+* 4

Humanities (3 credits)
Select one Humanities course

Humanities 1–Visual & Performing Arts

- ☐ ARH2000 Understanding Visual Arts●* 3
- ☐ MUL2010 Understanding Music●* 3
- ☐ THE2000 Understanding Theater●* 3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- ☐ HUM2020 Introduction to Humanities●+* 3
- ☐ PHI2010 Intro. to Philosophy●+* 3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- ☐ LIT2000 Literature and Culture●+* 3

Mathematics (3 credits)
Select one Mathematics Course

- ☐ MGF1130 Mathematical Thinking 3
- ☐ STA2023 Statistics●+* 3
- ☐ MAC1105 College Algebra●+* 3
- ☐ MAC2311 Calculus with Geometry I●+* 4

Natural Sciences (11 credits)

Biological Sciences

- ☐ BSC2085 Anatomy & Physiology I●+ 3
- ☐ BSC2085L Anatomy & Physiology I Lab+* 1
- ☐ BSC2086 Anatomy & Physiology II+* 3
- ☐ BSC2086L Anatomy & Physiology II Lab+* 1

Physical Sciences

- ☐ PHY1020 Basic Concepts of Physics●* 3
- ☐ Or Approved Physics Course _____

Social Sciences (3 credits)
Select one Social Science Course

History

- ☐ AMH2010 United States History I●@* 3
- ☐ AMH2020 United States History II●@* 3

Government

- ☐ POS2041 American Nat'l Government●@* 3

Major Courses (54 hours)

The program is designed to prepare the student for employment as an entry-level sonographer. The sonographer is skilled by academic and clinical training to perform ultrasoundexaminations under the supervision of a qualified physician. Students should complete all prerequisite courses. Students are strongly encouraged to complete as many of the general education courses as possible prior to seeking admission to the Diagnostic Medical Sonography program.

The program curriculum includes all courses required for an Associate in Science Degree. A minimum grade of "C" must be achieved in all prerequisite courses required for program admission. The program begins in January of the spring semester each year. The duration of the program is 24 months for the Associate in Science Degree (77 credit hours). The Diagnostic Medical Sonography program is accredited by the Southern Association of Colleges and Schools and follows the Florida Department of Education curriculum frameworks for Diagnostic Medical Sonography Technology-AS.

Successfully completed with a grade of "C" or higher prior to applying for the Sonography Program.

Courses that may be taken prior to entering or during the Sonography Program. They must be completed with a grade of "C" or higher. Strongly encouraged to complete as many of these courses as possible prior to entering the Sonography Program.

- ☐ SON1211 Medical Sonography Physics+#* 3
- ☐ SON1000 Introduction to Sonography+#* 1
- ☐ SON1100 Prin/Protocols Sonography Imag.+#* 2
- ☐ SON1170 Sonography Circulatory System+#* 2
- ☐ SON1214 Practical Aspects of Sonography+#* 1
- ☐ SON2171 Intro to Vascular Sonography+#* 3
- ☐ SON2175 Vascular Sonography+#* 3
- ☐ SON1111 Abdominal Sonography I+#* 3
- ☐ SON1112 Abdominal Sonography II+#* 3
- ☐ SON1121 OB/GYN Sonography I+#* 3
- ☐ SON1122 OB/GYN Sonography II+#* 3
- ☐ SON1052 Sonography & Pathology+#* 4
- ☐ SON1144 Superficial Structures+#* 1
- ☐ SON2113 Cross-Sectional Anatomy+#* 3
- ☐ SON1804 Clinical Education I+#* 1
- ☐ SON1814 Clinical Education II+#* 3
- ☐ SON1824 Clinical Education III+#* 4
- ☐ SON2834 Clinical Ed IV+#* 4
- ☐ SON2844 Clinical Ed V+#* 5
- ☐ SON2061 Sonography Review+#* 2

Other AS Requirements

- ☐ **General Education Core Requirement**
  Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- ☐ **Civic Literacy Requirement (@)**
  Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

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Developmental Courses

- ☐ ENC0022 Dev. Writing I & II Combined* 3
- ☐ REA0019 Dev. Reading I & II Combined* 3
- ☐ MAT0012 Dev. Arithmetic with Algebra* 3

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
●= General Education Core course
#=Applies to A.S. and Certificate Programs