

Diagnostic Medical Sonography Curriculum

Pre-requisites (must be completed prior to admission to program)

- 1) AH 171 - Medical Terminology (3 credits)
- 2) BIOL 220 – Anatomy and Physiology I (4 credits)
- 3) AH 231 – Health Care Law and Ethics (3 credit)

General education course (can be completed before or during program)

- 1) BIOL 221 – Anatomy and Physiology II (4 credits)
- 4) PHYS 120 – Fundamentals of Physics (4 credits)
- 2) ENGL 110 – College Composition I (3 credits) or COMM 110 – Fundamentals of Public Speaking (3 credits)
- 3) MATH 103 – College Algebra (4 credits)
- 4) Wellness Elective (1-2 credits)
- 5) SS/ART/HUM Elective (3 credits)
- 6) CSCI 101 – Introduction to Computers (3 credits)

Pre-Sonography Curriculum

Semester 1

- 1) AH 171 - Medical Terminology (3 credits)
- 2) BIOL 220 – Anatomy and Physiology I (4 credits)
- 3) ENGL 110 – College Composition I (3 credits) or COMM 110 – Fundamentals of Public Speaking (3 credits)
- 4) MATH 103 – College Algebra (4 credits)
- 5) Wellness Elective (1-2 credits)

Total credits = 15-16

Semester 2

- 1) BIOL 221 – Anatomy and Physiology II (4 credits)
- 2) PHYS 120 – Fundamentals of Physics (4 credits)
- 3) SS/ART/HUM Elective (3 credits)
- 4) CSCI 101 – Introduction to Computers (3 credits)
- 5) AH 231 – Health Care Law and Ethics (3 credits)

Total credits = 17

Note 1: All courses can be completed online except PHYS 120.

Note 2: Total credits in curriculum is 32-33.

Diagnostic Medical Sonography Curriculum (18 months)

Semester 1	16 weeks	January 6, 2020 to May 3		
Course	Title	Week	Credits	Hours
DMS-301	Ultrasound Foundation Concepts	1	2	
DMS-311	Ultrasound Physics & Instrumentation I	2-16	3	
DMS-321	Abdominal Ultrasound I	2-6	2	
DMS-321L	Abdominal Ultrasound I Lab	2-6	1	
DMS-322	Abdominal Ultrasound II	7-11	2	
DMS-322L	Abdominal Ultrasound II Lab	7-11	1	
DMS-323	Abdominal Ultrasound III	12-16	2	
DMS-323L	Abdominal Ultrasound III Lab	12-16	1	
DMS-401	Clinical Practicum I (256 hours)	2-16	3	
			<u>17</u>	
Semester 2	12 weeks	June 1 to August 21		
Course	Title	Week	Credits	Hours
DMS-312	Ultrasound Physics & Instrumentation II	1-12	2	
DMS-331	OB/GYN I	1-12	3	
DMS-331L	OB/GYN I Lab	1-12	1	
DMS-341	Vascular I	1-12	2	
DMS-341L	Vascular I Lab	1-12	1	
DMS-402	Clinical Practicum II (288 hours)	1-12	3	
			<u>12</u>	
Semester 3	16 weeks	September 5 to December 18		
Course	Title	Week	Credits	Hours
DMS-351	Patient Care	1-16	1	
DMS-332	OB/GYN II	1-16	4	
DMS-332L	OB/GYN II Lab	1-16	1	
DMS-324	Abdominal Ultrasound IV	1-16	3	
DMS-324L	Abdominal Ultrasound IV Lab	1-16	1	
DMS-403	Clinical Practicum III (384 hours)	1-16	4	
			<u>14</u>	
Semester 4	16 weeks	January 2 to May 24		
DMS-342	Vascular II (Peripheral)	1-16	2	
DMS-342L	Vascular II Lab	1-16	1	
DMS-350	Comprehensive Review	13-16	3	
DMS-404	Clinical Practicum IV (576 hours)	1-16	6	
			<u>12</u>	
Semester 5	10 weeks	May 27 to Aug 3		
DMS-405	Clinical Practicum V (384 hours)	1-10	4	
Total			59	

Students are **required to complete 960 clinical hours** following the completion of Semester 3