

COURSE SEQUENCE GUIDE | FULL-TIME ENROLLMENT
Diagnostic Medical Sonography
Associate in Science | Code: 23038 | 77 credits
Effective Term: Spring 2025 (2253)
Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
MAC 1105	College Algebra	3	Prerequisite: MAT 1033* ♦Students must seek advisement for proper mathematics course from discipline chairperson.
BSC 2085	Human Anatomy & Physiology 1	3	Corequisite: BSC 2085L
BSC 2085L	Human Anatomy & Physiology 1 Lab	1	Corequisite: BSC 2085
CCT ---OR--- CGS 1060C	Computer Competency Test (CCT) ---OR--- Introduction to Computer Technology and Applications		Departmental Recommendation: Computer Competency Test (CCT)
Semester Credits		10	

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites
BSC 2086	Human Anatomy & Physiology 2	3	Prerequisite: BSC 2085; Corequisite: BSC 2026L
BSC 2086L	Human Anatomy & Physiology 2 Lab	1	Prerequisite: BSC 2085L; Corequisite: BSC 2086
Social Science	AMH 2010, AMH 2020, POS 2041	3	
PHY 1020 ---OR--- PHY 1025	General Education Physics ---OR--- Basic Physics	3	Note: MAC 1105 is a prerequisite to PHY 1025.
Semester Credits		10	

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites
SON 1000L	Introduction to Sonography 1	1	Corequisites: SON 1111C, SON 1121C
SON 1006L	Professional Aspects of Sonography	1	
SON 1100L	Principles of Protocols of Imaging	2	
SON 1111C	Abdominal Sonography 1	2	Corequisite: SON 1000L
SON 1113L	Sonography Cross Sectional Anatomy	2	
SON 1121C	Obstetrics/Gynecology Sonography 1	2	Corequisite: SON 1000L
SON 1804	Clinic 1	2	Corequisite: SON 1000L
Semester Credits		12	

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites
SON 1001L	Introduction to Sonography 2	1	Prerequisite: SON 1000L
SON 1005L	Basic Sonography	2	Prerequisite: SON 1000L
SON 1112C	Abdominal Sonography 2	2	Prerequisite: SON 1111C
SON 1122C	Obstetrics/Gynecology Sonography 2	2	Prerequisite: SON 1121C
SON 1814	Clinic 2	2	Prerequisite: SON 1804
SON 2400C	Echocardiography 1	2	Prerequisite: SON 1000L, SON 1113L
Semester Credits		11	

Semester 5

Course ID	Course Title	Credits	Pre/Co-requisites
SON 1141C	Small Parts Sonography	2	Prerequisite: SON 1112C
SON 1824	Clinic 3	3	Prerequisite: SON 1814
Semester Credits		5	

Semester 6

Course ID	Course Title	Credits	Pre/Co-requisites
SON 1115L	Duplex Abdominal Sonography	1	Prerequisite: SON 1112C
SON 1145L	Pediatric Sonography	1	Prerequisite: SON 1141C
SON 2139L	Cardiovascular Principles	1	Prerequisite: SON 2400C; Corequisite: SON 2401C
SON 2151C	Neurosonography	2	Prerequisite: SON 1113L, SON 1141C
SON 2401C	Echocardiography 2	2	Prerequisite: SON 2400C
SON 2614C	Acoustical Physics and Instrumentation 1	2	Prerequisite: SON 1005L
SON 2834	Clinic 4	2	Prerequisite: SON 1824
Semester Credits		11	

Semester 7

Course ID	Course Title	Credits	Pre/Co-requisites
Humanities	ARH 1000, HUM 1020, LIT 2000, MUL 1010, PHI 2010, THE 2000	3	Note: ENC 1101 is a prerequisite to LIT 2000.
SON 2618C	Acoustical Physics and Instrumentation 2	2	Prerequisite: SON 2614C, CGS 1060C
SON 2619C	Doppler Principles and Instrumentation	2	Prerequisite: SON 2614C
SON 2844	Clinic 5	3	Prerequisite: SON 2834
SON 2930L	Seminar in Sonography	1	
	Semester Credits	11	

Semester 8

Course ID	Course Title	Credits	Pre/Co-requisites
Elective	Any appropriate transferrable (Credit Type 1 or 2) courses (Check with Advisor).	3	
SON 2854	Clinic 6	3	Prerequisite: SON 2844
SON 2935L	Diagnostic Ultrasound Imaging: Advanced Techniques and Case Analysis	1	Prerequisite: SON 2834
	Semester Credits	7	
	Program Total	77	

Academic Pathway at MDC: The AS in Diagnostic Medical Sonography Specialist is a pathway to the [BAS in Leadership and Management Innovation](#). CGS 1060C must be satisfied for completion of the Associate in Science Degree. Course satisfaction can be accomplished through examination or by successful class attendance in the course. Student must have successfully completed HSC 0003 – Introduction to Health Care (2.5 credits) and HSC 0003L – Introduction to Health Care Lab (.5 credits) prior to applying to the program. To learn more about the courses listed see [College Catalog](#).