

Diagnostic Medical Sonography AS (Associates GE Track)

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

Program Description: The Diagnostic Medical Sonography (DMS) program prepares students for entry-level positions in medical sonography through comprehensive training in abdominal, superficial structures, obstetric and gynecologic ultrasound. Through didactic instruction, laboratory training, and hands-on clinical experience, students gain the knowledge, technical skills, and critical thinking abilities required to perform diagnostic imaging across multiple specialties. Graduates will be eligible to apply for ARRT (American Registry of Radiologic Technologists) and/or ARDMS (American Registry for Diagnostic Medical Sonography) certification exams.

Program SLO: Demonstrate cognitive knowledge, psychomotor skills and ethical patient care for diverse populations as competent entry-level sonographers in Abdominal Sonography and Obstetrics and Gynecology concentrations.

Important Transfer Information: The sequence listed below, may not meet all your transfer admissions requirements. Connect with a counselor to develop an individual student education plan through the Counseling Department @ <https://www.canyons.edu/counseling> or (661) 362-3288/(661) 362-3811.

Major courses are sequenced and **BOLDED** based on recommendations by (department name)

First Semester (3-12 units minimum) FA = Fall; WI = Winter; SP = Spring; SU = Summer

Course	Title	Units	Major and GE Courses
Biology Group	Select one Biology course from the Group <i>Dept recommends BIO 101- Introductory Biology for Health Professions</i>	4	Prerequisite/Area 5
ENGL-C1000/H	Academic Reading and Writing (FA, WI, SP, SU)	4	Prerequisite/Area 1A
Mathematical Concepts and Quantitative Reasoning	Choose any college level Math class. Department Prefers Math 103 – College Algebra	3- 5	Prerequisite /Area 2
Term Total:		11-13	

Check the [Honors](#) website for most recent course offerings. Must be enrolled in the Honors program to take courses..

Second Semester (13-25 units minimum)

Course	Title	Units	Major and GE Courses
BIOSCI 201/204	Introduction to Human Anatomy or Human Anatomy and Physiology I (5-year recency)	4	Prerequisite/Major Course
Social Science	Choose any Social Science course (FA, WI, SP, SU) Department Prefers: SOCI 101	3	Area 4
HLHSCI 249	Medical Terminology	3	Prerequisite/Major Course
Arts or Humanities	Choose any Arts or Humanities GE- Department Prefers: PHILOS 120 – Intro to Ethics	3	Area 3
Term Total:		13	

Third Semester (26-39 units minimum)

Course	Title	Units	Major and GE Courses
BIOSCI 202/205	Introduction to Human Physiology or Human Anatomy and Physiology I (5-year recency)	4	Prerequisite/Major course
PHYSIC 101	Introduction to Physics (FA, WI, SP, SU)	4	Prerequisite/Major course
COMM-C1000	Introduction to Public Speaking (FA, WI, SP, SU)	3	Prerequisite/Area 1B
Ethnic Studies	Choose one class from Ethnic Studies GE	3	Area 6
Term Total:		14	

Fourth Semester (Summer)

Course	Title	Units	Major and GE Courses
NC. DMS 100	Introduction to Sonography	0	Non-Credit
Term Total:		0	

Fifth Semester (Fall)

Course	Title	Units	Major and GE Courses
DMS 101	Patient Care Techniques for Sonographers	2	MAJOR
DMS 102	Sectional Anatomy for Sonographers	2	MAJOR
DMS 110	Abdominal Sonography with Lab	6	MAJOR
Term Total:		10	

Sixth Semester (Spring)

Course	Title	Units	Major and GE Courses
DMS 120	Obstetric and Gynecological Sonography with Lab	6	MAJOR
DMS 130	Ultrasound Physics and Instrumentation	4	MAJOR
DMS 115	Vascular Sonography I: Introduction to Venous Systems with Lab	3	MAJOR
Term Total:		13	

Seventh Semester (Fall)

Course	Title	Units	Major and GE Courses
DMS 200	Advanced Sonographic Practices with Lab	2	MAJOR
DMS 125	Vascular Sonography II: Introduction to Arterial Systems with Lab	3	MAJOR
DMS 240	Sonography Clinical Education I	7	MAJOR
Term Total:		12	

Eighth Semester (Winter)

Course	Title	Units	Major and GE Courses
DMS 250	Sonography Clinical Education II	3.5	MAJOR
Term Total:		3.5	

Ninth Semester (Spring)

Course	Title	Units	Major and GE Courses
DMS 270	Registry Review	2	MAJOR
DMS260	Sonography Clinical Education III	9	MAJOR
Term Total:		11	

Total Units: 87.5 - 89.5 units

Biology Group (choose ONE course – any of these meet the Prerequisite for Anatomy and Physiology)

Biology 100	General Biology	4 units
Biology 101	Introductory Biology for Health Professions	4 units
Biology 107	Molecular and Cellular Biology	4 units