

DIAGNOSTIC MEDICAL SONOGRAPHY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2023-2024 Catalog Associate Degree Track

This is a limited-entry program accepting students only in the spring semester. Criteria and factors used in evaluating applicants include the following:

- High school diploma or GED
- Completion of all *pre-requisites with an overall GPA of 3.0 or higher
 - Courses "In-Progress" at the time of application are accepted
- County of residence

The following courses will receive application points as follows: A = 10 pts, B = 5 pts, C = 2 pts

Note:

- *Students should receive a B or better in CHEM and BIOL pre-requisites to be a viable candidate for the DMS program.
- There are restrictions on repeating courses with a grade of C or lower. See program director for details.

(Associate Degree 73 credits)

NOTE: Application Deadline is September 1

NOTE: A grade of C- or better on a traditional grading scale is required in ENGL 1110G Composition I and designated Mathematics courses. Students must earn a final grade of C or better in all required DMS courses/Technical Requirements and achieve a cumulative grade-point average of at least 2.0. The DMS program utilizes an accelerated grading scale. 74% is the minimum passing score for all assignments, assessments, and overall class grading and corresponds to a "C."

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 73 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
<i>Select one course from four of the following six content areas for a total of 12-14 credits</i>		12-14
This degree requires courses from Areas I, II, III, and IV; students do not need to take additional courses to complete the General Education requirements.		
Area I: Communications - English Composition Level 1		
ENGL 1110G	Composition I (DMS Program Prerequisite) ¹	
Area II: Mathematics		
MATH 1220G	College Algebra (DMS Program Prerequisite) ¹	
Area III: Laboratory Sciences		

CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) (DMS Program Prerequisite) ^{1,2}	
or CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	
Area IV: Social/Behavioral Sciences		
PSYC 1110G	Introduction to Psychology ^{1,3}	
or SOCI 2310G	Contemporary Social Problems	
<i>General Education Elective - Choose one from the following</i>		3
ENGL 2210G	Professional & Technical Communication ^{1,3}	
COMM 1130G	Public Speaking ^{1,3}	
COMM 1115G	Introduction to Communication ^{1,3}	
Core Requirements		
BIOL 2210	Human Anatomy and Physiology I for the Health Sciences (DMS Program Prerequisite) ^{1,2}	4
AHS 120	Medical Terminology	3
or HIT 150	Introduction to Medical Terminology	
Choose one from the following:		3
PHYS 1230G	Algebra-Based Physics I (DMS Program Prerequisite) ¹	
PHYS 1112	Introductory Physics for the Health Sciences (DMS Program Prerequisite) ¹	
RADT 105	Radiographic Physics and Equipment (DMS Program Prerequisite)	
<i>Related Requirements</i>		
The following courses are not required for the Associates degree; however, the courses will strengthen study skills or increase knowledge that will be beneficial as a sonography student. Courses completed or are in progress at the time of application will receive bonus points toward the application as follows:		
BONUS POINTS: A = 10 pts, B = 5 pts, C = 2 pts		
BIOL 2225	Human Anatomy and Physiology II ¹	
BIOL 2505	Pathophysiology ¹	
BONUS POINTS: A = 5 pts, B = 3 pts		
MATH 1350G	Introduction to Statistics ¹	
BCIS 1110	Introduction to Information Systems	
Major Requirements		
<i>Technical Requirements</i>		
DMS 100	Introduction to Clinical Practicum	1
DMS 101	Introduction Sonography/Patient Care	2
DMS 105	Introduction to Clinical Practicum II	1
DMS 130	Pelvic Sonography	1
DMS 130 L	Pelvic Sonography Lab	1
DMS 140	Abdominal Sonography	3
DMS 140 L	Abdominal Sonography Lab	1
DMS 150	Sonographic Principles and Instrumentation I	1
DMS 160	1st Trimester Obstetric Sonography	1
DMS 165	2nd/3rd Trimester Obstetric Sonography	1
DMS 170	Clinical Practicum I	1
DMS 180	Clinical Practicum II	4
DMS 226	Sonographic Case Studies I	1
DMS 227	Sonographic Case Studies II	1
DMS 230	Gynecologic Pathology	2
DMS 240	Abdominal Pathology I	2
DMS 245	Abdominal Pathology II	2
DMS 248	Pediatric Sonography	2
DMS 250	Sonographic Principles and Instrumentation II	3
DMS 260	High Risk Obstetric Sonography	3

DMS 290	Small Parts & Superficial Structures	2
DMS 270	Clinical Practicum III	3
DMS 280	Clinical Practicum IV	5
DMS 291	Registry Preparation: OB/GYN	1
DMS 292	Registry Preparation: Abdomen	1
Total Credits		73

¹ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

² Students should receive a B or better in CHEM and BIOL pre-requisites to be a viable candidate for the DMS program.

³ These courses are required for the associate degree but are not pre-requisites. Courses that are completed or are in progress at the time of application to the DMS program will receive bonus points toward the application as follows: A = 5 pts, B = 3 pts.

Course Fees

In addition to tuition, a fee of \$200 is charged for each of the following courses:

Prefix	Title	Credits
DMS 170	Clinical Practicum I	1
DMS 180	Clinical Practicum II	4
DMS 270	Clinical Practicum III	3
DMS 280	Clinical Practicum IV	5