

# DIAGNOSTIC MEDICAL SONOGRAPHY - ASSOCIATE OF APPLIED SCIENCE

## Special Admissions Criteria- Associate Degree

Diagnostic Medical Sonography (DMS) is a limited-entry program admitting students in the spring semester only. Prior to applying to the program, students will have taken all program Core and Related Requirements. The following items are among the criteria considered in the selection of program applicants:

- Minimum overall college GPA 3.0
- GPA in Core and Related Requirements courses
- County of residence
- Prior healthcare experience

## Program Application Requirements

1. Complete all prerequisites. *Students may have a maximum of two prerequisite courses in progress at the time of application.*
2. Attend program orientation and request the program application. Register for orientation here (<https://forms.office.com/r/Mmh5v3aRUJ/>).
3. Submit the application and all supporting documents by the September 1st deadline.

## Selection Criteria

Completing pre-requisite courses does not guarantee acceptance into the Diagnostic Medical Sonography Program. Selection for the program utilizes a point system as well as a comprehensive evaluation of the student's overall strengths related to the essential qualifications, competencies, and functions of the professional diagnostic medical sonographer.

Selection for acceptance incorporates two phases.

### Phase I

Phase I points are awarded in pre-requisite and related courses. Relevant field experience and/or professional credentials may qualify for additional bonus points. See program website (<https://dacc.nmsu.edu/academics/programs/diagnostic-medical-sonography/>) for details.

**Important note regarding bonus point coursework:** Bonus points were previously offered for completion of BIOL 2225, BIOL 2505, BCIS 1110, and MATH 1350G. As of the 2024-25 catalog year, students were no longer advised to complete bonus point courses.

Students who declared the pre-DMS major in the 2023-24 catalog or prior will continue to receive bonus points for one more application cycle. As of fall 2026, bonus points will no longer count for these courses, regardless of when they were completed.

### Phase II: Invitation only

Phase II is for applicants who have scored very well in Phase I. It is by invitation only and is conducted as a written assessment and an interview to identify personal strengths and/or weaknesses related to

essential qualifications, competencies, and functions for professional diagnostic medical sonographers.

**PLEASE NOTE THAT NOT ALL APPLICANTS WHO COMPLETE THE ADMISSION REQUIREMENTS ARE ADMITTED TO THE PROGRAM.**

## Doña Ana Community College

### 2025-2026 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
  - Two pre-requisite courses may be in progress at the time of application
- County of residence

#### Note:

- Students should receive a B or better in BIOL 2210 to be viable candidates for the DMS program.
- There are restrictions on repeating courses with a grade of C or lower. See program director for details.

### (Associate Degree 71 credits)

**NOTE: Application cycle is open July 1st-September 1st, and requires prior attendance at a program orientation session.**

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 71 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
<b>General Education</b>		
<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) <sup>1</sup>	
Area II: Mathematics		
MATH 1220G	College Algebra (DMS Program Prerequisite) <sup>1</sup>	
Area III: Laboratory Sciences		
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab (DMS Program Prerequisite)	
Area IV: Social/Behavioral Sciences or Area V: Humanities		

Choose one from the following:

PSYC 1110G	Introduction to Psychology	
SOCI 1110G	Introduction to Sociology	
SOCI 2310G	Contemporary Social Problems	
PHIL 2110G	Introduction to Ethics	
General Education Elective - Choose one of the following:		3
ENGL 2210G	Professional and Technical Communication Honors	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
<b>Core Requirements</b>		
BIOL 2210	Human Anatomy and Physiology I for the Health Sciences <sup>2</sup>	4
AHS 120	Medical Terminology (DMS Program Prerequisite)	3
or HIT 150	Introduction to Medical Terminology	
<b>Major Requirements</b>		
<i>Technical Requirements</i> <sup>4</sup>		
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	2
DMS 130 L	Pelvic Sonography Lab	1
DMS 140	Abdominal Sonography	2
DMS 140 L	Abdominal Sonography Lab	1
DMS 150	Sonographic Principles and Instrumentation I	2
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
<b>Total Credits</b>		<b>69-71</b>

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

<sup>2</sup> Students should receive a B or better in BIOL 2210 to be viable candidates for the DMS program.

<sup>3</sup> These courses are required for the associate degree but are not prerequisites. 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.

<sup>4</sup> All DMS classes are restricted to students who have been formally accepted into and in good standing with the Diagnostic Medical Sonography program.

## 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

### (71 credits)

**NOTE: Application cycle is open July 1st-September 1st, and requires prior attendance at a program orientation session.**

### A Suggested Plan of Study

The contents of this Road Map may vary depending on initial student placement in Mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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 71 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.

Semester 1		Credits
Prerequisite semester		
Area I: Communications - English Composition Level 1		4
ENGL 1110G	Composition I	
Area II: Mathematics		3
MATH 1220G	College Algebra	
Area III: Laboratory Sciences		4
PHYS 1230G	Algebra-Based Physics I	
& PHYS 1230L	and Algebra-Based Physics I Lab	
AHS 120	Medical Terminology	3
or HIT 150	or Introduction to Medical Terminology	
<b>Credits</b>		<b>14</b>

Semester 2		Credits
Prerequisite semester		
BIOL 2210	Human Anatomy and Physiology I for the Health Sciences	4
Choose one from the following:		3
PSYC 1110G	Introduction to Psychology	
SOCI 1110G	Introduction to Sociology	
SOCI 2310G	Contemporary Social Problems	
PHIL 2110G	Introduction to Ethics	
Choose one from the following:		3
ENGL 2210G	Professional and Technical Communication Honors	

COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
<b>Credits</b>		<b>10</b>

**Semester 3**

SPRING- DMS Program Semester 1		
DMS 100	Introduction to Clinical Practicum	1
DMS 101	Introduction Sonography/Patient Care	2
DMS 130	Pelvic Sonography	2
DMS 130 L	Pelvic Sonography Lab	1
DMS 140	Abdominal Sonography	2
DMS 140 L	Abdominal Sonography Lab	1
DMS 150	Sonographic Principles and Instrumentation I	2
<b>Credits</b>		<b>11</b>

**Semester 4**

SUMMER- DMS Program Semester 2		
SUMMER REQUIRED		
DMS 105	Introduction to Clinical Practicum II	1
DMS 160	1st Trimester Obstetric Sonography	1
DMS 165	2nd/3rd Trimester Obstetric Sonography	1
<b>Credits</b>		<b>3</b>

**Semester 5**

FALL- DMS Program Semester 3		
DMS 170	Clinical Practicum I	1
DMS 230	Gynecologic Pathology	2
DMS 240	Abdominal Pathology I	2
DMS 250	Sonographic Principles and Instrumentation II	3
<b>Credits</b>		<b>8</b>

**Semester 6**

SPRING- DMS Program Semester 4		
DMS 180	Clinical Practicum II	4
DMS 226	Sonographic Case Studies I	1
DMS 245	Abdominal Pathology II	2
DMS 290	Small Parts & Superficial Structures	2
<b>Credits</b>		<b>9</b>

**Semester 7**

SUMMER- DMS Program Semester 5		
SUMMER REQUIRED		
DMS 227	Sonographic Case Studies II	1
DMS 270	Clinical Practicum III	3
<b>Credits</b>		<b>4</b>

**Semester 8**

FALL- DMS Program Semester 6		
DMS 248	Pediatric Sonography	2
DMS 260	High Risk Obstetric Sonography	3
DMS 280	Clinical Practicum IV	5
DMS 291	Registry Preparation: OB/GYN	1
DMS 292	Registry Preparation: Abdomen	1
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>71</b>

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

## Course Fees

In addition to tuition, a fee of \$200 is charged for each of the following courses: DMS 170, DMS 180, DMS 270 and DMS 280.