

# VASCULAR SONOGRAPHY - CERTIFICATE OF COMPLETION

## Doña Ana Community College 2025-2026 Catalog

This is a limited-entry certificate open to students currently enrolled in the Diagnostic Medical Sonography (DMS) program; it is not available as a standalone certificate. Several of the required courses overlap with the main DMS program and satisfy requirements for both simultaneously. For selection criteria and qualifications, please visit the main Diagnostic Medical Sonography (<https://catalogs.nmsu.edu/dona-ana/academic-career-programs/diagnostic-medical-sonography/diagnostic-medical-sonography-associate-applied-science/>) catalog listing.

### (Certificate 31 credits)

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

**NOTE:** All of the courses in this program are offered once per academic year and relate to each other and the clinical internship. Courses may not be taken individually or out of sequence.

**NOTE:** 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. A grade of C- or better is required in the designated Mathematics courses.

Students must complete all university certificate requirements to total at least 31 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary Mathematics coursework.

Prefix	Title	Credits
<b>Core Requirements</b>		
MATH 1220G	College Algebra <sup>1</sup>	3
PHYS 1230G	Algebra-Based Physics I <sup>1, 2</sup>	3
	or PHYS 1112 Introductory Physics for the Health Sciences	
	or RADT 105 Radiographic Physics and Equipment	
DMS 101	Introduction Sonography/Patient Care	2
DMS 116	Vascular Technology I	2
DMS 116 L	Vascular Technology I Lab	1
DMS 150	Sonographic Principles and Instrumentation I	2
DMS 180	Clinical Practicum II	4
DMS 216	Vascular Technology II	2
DMS 250	Sonographic Principles and Instrumentation II	3
DMS 270	Clinical Practicum III	3
DMS 280	Clinical Practicum IV	5
DMS 293	Registry Preparation: Vascular	1
<b>Total Credits</b>		<b>31</b>

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

<sup>2</sup> While RADT 105 and PHYS 1112 meet program requirements, they do not meet the NM General Education Area III: Laboratory Sciences requirement.

## Course Fees

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

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

### (Certificate 31 credits)

**Note:** Application deadline is September 1

#### A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics. 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:** All of the courses in this program are offered once per academic year and relate to each other and the clinical internship. Courses may not be taken individually or out of sequence.

**NOTE:** The program is three consecutive semesters, to include required summer classes.

**NOTE:** 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. A grade of C- or better is required in the designated Mathematics courses.

Students must complete all University certificate requirements to total at least 31 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary Mathematics coursework.

<b>Semester 1</b>		<b>Credits</b>
Prerequisite semester		
MATH 1220G	College Algebra <sup>1</sup>	3
PHYS 1230G	Algebra-Based Physics I <sup>1, 2</sup>	3
	or PHYS 1112 Introductory Physics for the Health Sciences	
	or RADT 105 Radiographic Physics and Equipment	
<b>Credits</b>		<b>6</b>
<b>Semester 2</b>		
DMS/Vascular program semester 1		
DMS 101	Introduction Sonography/Patient Care	2
DMS 150	Sonographic Principles and Instrumentation I	2
<b>Credits</b>		<b>4</b>
<b>Semester 3</b>		
DMS/Vascular program semester 2		
DMS 116	Vascular Technology I	2
DMS 116 L	Vascular Technology I Lab	1
<b>Credits</b>		<b>3</b>
<b>Semester 4</b>		
DMS/Vascular program semester 3		
DMS 250	Sonographic Principles and Instrumentation II	3
<b>Credits</b>		<b>3</b>
<b>Semester 5</b>		
DMS/Vascular program semester 4		

DMS 180	Clinical Practicum II	4
<b>Credits</b>		<b>4</b>
<b>Semester 6</b>		
DMS/Vascular program semester 5		
DMS 216	Vascular Technology II	2
DMS 270	Clinical Practicum III	3
<b>Credits</b>		<b>5</b>
<b>Semester 7</b>		
DMS/Vascular program semester 6		
DMS 280	Clinical Practicum IV	5
DMS 293	Registry Preparation: Vascular	1
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>31</b>

<sup>1</sup> Courses identical to those offered at New Mexico State University (Main) Campus

<sup>2</sup> While RADT 105 and PHYS 1112 meet program requirements, they do not meet the NM General Education Area III: Laboratory Sciences requirement.

## Course Fees

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

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