

EMERGENCY MEDICAL SERVICES - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College [2026-2027](#) Catalog

Students wishing to graduate with an Associate Degree of Applied Science in Emergency Medical Services will need to complete a minimum of 65-66 credits and this is only an additional 16-17 credits above those required for the Paramedic Certificate. The Core and Related Requirements can be completed before, during, or after the Technical Requirements.

Students may take the general education courses for the associate of applied science at any time; however, courses listed in the "Technical Program Requirements" section (which are common to both the associate degree and certificate programs) must be taken in the prescribed sequence. In order to progress through the program, students must meet specific departmental grading criteria in every course taken. This portion of the curriculum must be completed within a three-year period. Thus, those opting to study on a part-time basis are advised to plan carefully in order to take courses in the correct sequence.

Applications for the Paramedic program may be requested directly from the EMS office (room DASR 220, telephone 575-527-7645).

To graduate with a certificate or an associate degree, students must earn a C or better in all EMSS courses, and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

(65-66 credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 65-66 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		
Select one course from four of the following six content areas for a total of 12-14 credits ^{1,2}		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		
Select one Communications Course from the following:		
ENGL 1110G	Composition I ^{2,3}	
ENGL 2210G	Professional and Technical Communication	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
Area II: Mathematics - Any approved NM General Education Area II Course listed in the current DACC/NMSU catalog ³		
Area III: Laboratory Sciences - Choose one from the following:		
CSCI 1115G	Modern Computing in Practice ³	
BIOL 1190G	Contemporary Problems in Biology	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) ³	

BIOL 1120G & BIOL 1120L	Human Biology and Human Biology Laboratory ³	
PHYS 1115G	Survey of Physics with Lab ³	
PHYS 2230G & PHYS 2230L	General Physics for Life Science I and Laboratory to General Physics for Life Science I ³	
Area IV: Social/Behavioral Sciences		
PSYC 1110G or SOCI 1110G	Introduction to Psychology ³ or Introduction to Sociology	
<i>General Education Elective</i> ²		3
Core Requirements		
BMGT 140	Principles of Supervision I	3
HLSC 1510	Medical Terminology	3
Major Requirements		
<i>Technical Requirements</i>		
EMSS 2245	Human Systems, Pathophysiology and Development	3
EMSS 2310 & 2310L	Airway and Respiratory Emergencies and Airway and Respiratory Emergencies Laboratory	3
EMSS 2610 & 2610L	Paramedic Trauma Care and Paramedic Trauma Care Laboratory	3
EMSS 2240	Introduction to Paramedic Practice ⁴	2
EMSS 2250	Introduction to Advanced Patient Assessment and Clinical Decision Making	1
EMSS 2255 & 2255L	Emergency Pharmacology and Emergency Pharmacology Laboratory ⁴	3
EMSS 2410 & 2410L	Cardiac Emergencies and Cardiac Emergencies Laboratory	6
EMSS 2710 & 2710L	Advanced Care of Special Populations and Advanced Care of Special Populations Laboratory	3
EMSS 2510 & 2510L	Medical Emergencies and Medical Emergencies Laboratory	6
EMSS 2890	Paramedic Clinical I	3
EMSS 2895	Paramedic Clinical II	3
EMSS 2650	Advanced EMS Operations	2
EMSS 2998	Paramedic Internship	5
Total Credits		65-66

¹ Each course selected must be from a different area and students cannot take multiple courses in the same area.

² See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.

³ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

⁴ Courses are required for admission to Paramedic program.

Some prerequisite courses are required for admission to the Emergency Medical Services program, but are not calculated in the degree credit total. See Overview page for complete Program Prerequisites and Entrance Requirements (<https://catalogs.nmsu.edu/dona-ana/academic-career-programs/ems/#text>). Specific entrance requirements/prerequisites vary depending on the qualifications of the applicant and the level of training/licensure sought.

A Suggested Plan of Study - The following plan is for courses required AFTER admission to the program.

The contents of this roadmap 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.

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(65-66 credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 69 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
SPRING		
HLSC 1510	Medical Terminology	3
EMSS 2245	Human Systems, Pathophysiology and Development	3
EMSS 2240	Introduction to Paramedic Practice	2
EMSS 2255 & 2255L	Emergency Pharmacology and Emergency Pharmacology Laboratory	3
Credits		11
Semester 2		
SUMMER		
EMSS 2410 & 2410L	Cardiac Emergencies and Cardiac Emergencies Laboratory	6
EMSS 2250	Introduction to Advanced Patient Assessment and Clinical Decision Making	1
Credits		7
Semester 3		
FALL		
EMSS 2310 & 2310L	Airway and Respiratory Emergencies and Airway and Respiratory Emergencies Laboratory	3

EMSS 2710 & 2710L	Advanced Care of Special Populations and Advanced Care of Special Populations Laboratory	3
EMSS 2510 & 2510L	Medical Emergencies and Medical Emergencies Laboratory	6
Credits		12

Semester 4

SPRING		
Area I: Communications - Choose one from the following:		3-4
ENGL 1110G	Composition I	
ENGL 2210G	Professional and Technical Communication	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
EMSS 2610 & 2610L	Paramedic Trauma Care and Paramedic Trauma Care Laboratory	3
EMSS 2890	Paramedic Clinical I	3
EMSS 2895	Paramedic Clinical II	3
Credits		12-13

Semester 5

SUMMER		
EMSS 2650	Advanced EMS Operations	2
EMSS 2998	Paramedic Internship	5
Credits		7

Semester 6

FALL		
Area II: Mathematics		3
MATH 1130G	Survey of Mathematics	
Area III: Laboratory Sciences - Choose one from the following:		4
BIOL 1120G	Human Biology	
BIOL 1190G	Contemporary Problems in Biology	
CSCI 1115G	Modern Computing in Practice	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	
PHYS 1115G	Survey of Physics with Lab	
PHYS 2230G	General Physics for Life Science I	
Area IV: Social/Behavioral Sciences		3
PSYC 1110G or SOCI 1110G	Introduction to Psychology or Introduction to Sociology	
General Education Elective - Choose one course from the NM General Education Requirements in the NMSU/DACC Catalog.		3
BMGT 140	Principles of Supervision I	3
Credits		16
Total Credits		65-66