

EMERGENCY MEDICAL SERVICES - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2024-2025 Catalog

Students wishing to graduate with an Associate Degree of Applied Science in Emergency Medical Services will need to complete a minimum of 69-70 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 OEEM 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.

(69-70 credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 69-70 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 Honors	
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:		
C S 171G	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	Introduction to Psychology ³	
or SOCI 1110G	Introduction to Sociology	
<i>General Education Elective</i> ²		3
Core Requirements		
BMGT 140	Principles of Supervision I	3
AHS 120	Medical Terminology	3
or HIT 150	Introduction to Medical Terminology	
Major Requirements		
<i>Technical Requirements</i>		
OEEM 201	Human Systems, Pathophysiology and Development ⁴	3
OEEM 202 & 202 L	Airway and Respiratory Emergencies and Airway and Respiratory Emergencies	3
OEEM 203 & 203 L	Paramedic Trauma Care and Paramedic Trauma Care Lab	3
OEEM 206	Introduction Paramedic Practice ⁴	3
OEEM 207 & 207 L	Emergency Pharmacology and Emergency Pharmacology Lab ⁴	3
OEEM 210	Cardiac Rhythm Interpretation	3
OEEM 212	EMT-Paramedic Cardiovascular Emergencies	3
OEEM 213	EMT-Paramedic: Medical Emergencies I	3
OEEM 214	EMT-Paramedic: Medical Environmental Emergencies II	3
OEEM 216	EMT-Paramedic: Reproductive and Childhood Emergencies	3
OEEM 230	EMT-Paramedic Clinical Experience I	3
OEEM 231	EMT-Paramedic Clinical Experience II	3
OEEM 240	EMT-Paramedic Field Experience I	3
OEEM 241	EMT-Paramedic Field Experience II	3
OEEM 242	EMT-Paramedic Field Internship	3
OEEM 243	EMT-Paramedic Preparation for Practice	2
Total Credits		69-70

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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(69-70 credits)

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Semester 1		Credits
SPRING		
AHS 120	Medical Terminology	3
OEEM 201	Human Systems, Pathophysiology and Development	3
OEEM 206	Introduction Paramedic Practice	3
OEEM 207 & 207 L	Emergency Pharmacology and Emergency Pharmacology Lab	3
Credits		12
Semester 2		
SUMMER		
OEEM 210	Cardiac Rhythm Interpretation	3
OEEM 212	EMT-Paramedic Cardiovascular Emergencies	3
Credits		6
Semester 3		
FALL		
OEEM 202 & 202 L	Airway and Respiratory Emergencies and Airway and Respiratory Emergencies	3
OEEM 213	EMT-Paramedic: Medical Emergencies I	3

OEEM 214	EMT-Paramedic: Medical Environmental Emergencies II	3
OEEM 216	EMT-Paramedic: Reproductive and Childhood Emergencies	3
OEEM 240	EMT-Paramedic Field Experience I	3
Credits		15
Semester 4		
SPRING		
Area I: Communications - Choose one from the following:		3-4
ENGL 1110G	Composition I	
ENGL 2210G	Professional and Technical Communication Honors	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
OEEM 203 & 203 L	Paramedic Trauma Care and Paramedic Trauma Care Lab	3
OEEM 230	EMT-Paramedic Clinical Experience I	3
OEEM 231	EMT-Paramedic Clinical Experience II	3
OEEM 241	EMT-Paramedic Field Experience II	3
Credits		15-16
Semester 5		
SUMMER		
OEEM 242	EMT-Paramedic Field Internship	3
OEEM 243	EMT-Paramedic Preparation for Practice	2
Credits		5
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	
C S 171G	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		69-70