

## Degree Worksheet for Bachelor of Science in Emergency Medical Services

2017-2018 Catalog

*During the first two years of the program, students become EMT-Basics and complete UNM and EMS core requirements. The focal point of the BS in EMS program is core paramedic training, which is usually undertaken in the third year. An admission application to continue to paramedic training is required. During the final year of the program, students complete advanced coursework in clinical EMS, research, and education. 132 credit hours are required for the degree.*

Pre-Paramedic	<b>Year 1 Fall (16 credits)</b>	<b>Year 1 Spring (16 credits)</b>
	<input type="checkbox"/> EMS 120 * Introduction to EMS System 3 cr <input type="checkbox"/> BIOL 123 & 124L Biology for Health-Related Sciences - 4 cr <i>UNM Core Area 3: Sciences</i> <input type="checkbox"/> ENGL 110 (or Accelerated Composition (or Comp. 3 cr 111/112 or 113) I/II or Enhanced Comp.) - <i>UNM Core</i> <i>Area 1: Writing &amp; Speaking</i> <input type="checkbox"/> MATH 121 (or 150 College Algebra (or Pre-Calculus or 3 cr or 180) Elements of Calculus) - <i>UNM Core</i> <i>Area 2: Mathematics</i> <input type="checkbox"/> UNM Core Course 3 cr	<input type="checkbox"/> CHEM 121 & 123L General Chemistry I - <i>UNM Core</i> 4 cr <i>Area 3: Sciences</i> <input type="checkbox"/> ENGL 120 Composition III - <i>UNM Core Area 1:</i> 3 cr <i>Writing &amp; Speaking</i> <input type="checkbox"/> STAT 145 Introduction to Statistics - <i>UNM</i> 3 cr <i>Core Area 2: Mathematics</i> <input type="checkbox"/> UNM Core Course 3 cr <input type="checkbox"/> UNM Core Course 3 cr
	<b>Year 2 Fall (17 credits)</b>	<b>Year 2 Spring (16 credits)</b>
	<input type="checkbox"/> EMS 113 & 142 EMT-Basic & EMT-Basic Lab 10 cr <input type="checkbox"/> BIOL 237 & 247L Human Anatomy & Physiology I 4 cr <input type="checkbox"/> UNM Core Course 3 cr	<input type="checkbox"/> BIOL 238 & 248L Human Anatomy & Physiology II 4 cr <input type="checkbox"/> PSY 105 General Psychology - <i>UNM Core</i> 3 cr <i>Area 4: Social &amp; Behav. Sciences</i> <input type="checkbox"/> UNM Core Course 3 cr <input type="checkbox"/> UNM Core Course 3 cr <input type="checkbox"/> UNM Core Course 3 cr
Paramedic Program	<b>Year 3 Fall - Paramedic Phase I (17 credits)</b>	<b>Year 3 Spring - Paramedic Phase II (16 credits)</b>
	<input type="checkbox"/> EMS 309 Prehospital Emergency Medicine & 3 cr Operations <input type="checkbox"/> EMS 310 Prehospital Pharmacology 3 cr <input type="checkbox"/> EMS 311 Medical Assessment & Management 3 cr <input type="checkbox"/> EMS 312 Cardiovascular & Pulmonary 3 cr Emergencies <input type="checkbox"/> EMS 341 Paramedic Lab I 2 cr <input type="checkbox"/> EMS 351 Paramedic Clinical Rotation I 3 cr	<input type="checkbox"/> EMS 320 Medical Emergencies 3 cr <input type="checkbox"/> EMS 321 Special Patient Populations 2 cr <input type="checkbox"/> EMS 331 Trauma Emergencies 2 cr <input type="checkbox"/> EMS 342 Paramedic Lab II 2 cr <input type="checkbox"/> EMS 400 Advanced Assessment 3 cr <input type="checkbox"/> EMS 352 Paramedic Clinical Rotation II 4 cr
	<b>Year 3 Summer - Paramedic Phase III (4 credits)</b>	
	<input type="checkbox"/> EMS 454 Paramedic Field Internship 4 cr	
Senior Year	<b>Year 4 Fall (15 credits)</b>	<b>Year 4 Spring (15 credits)</b>
	<input type="checkbox"/> EMS 469 * Epidemiology & Statistics 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr	<input type="checkbox"/> EMS 470 * EMS Research Analysis 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr <input type="checkbox"/> EMS Concentration Course/Elective (see reverse) 3 cr

\* Indicates EMS courses that are typically offered online; online offerings are subject to change each semester. Many UNM Core Curriculum courses are also offered online.

Students will choose one or more of the following Programs of Study for their final year in the program:

**Option 1: International Diploma in Mountain Medicine**

Senior Year	Year 4 Fall (15 credits)			Year 4 Spring (15 credits)			
	<input type="checkbox"/>	EMS 469 *	Epidemiology & Statistics	3 cr	<input type="checkbox"/>	EMS 470 *	EMS Research Analysis
<input type="checkbox"/>	EMS 405	Austere Medicine	3 cr	<input type="checkbox"/>	EMS 408	Mountain Medicine Lab II	3 cr
<input type="checkbox"/>	EMS 403	Mountain Medicine	3 cr	<input type="checkbox"/>	EMS 404	Technical Rescue Course	3 cr
<input type="checkbox"/>	EMS 406	Mountain Medicine Lab I	3 cr	<input type="checkbox"/>	EMS Elective		3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr

**Option 2: International Disaster**

Senior Year	Year 4 Fall (15 credits)			Year 4 Spring (15 credits)			
	<input type="checkbox"/>	EMS 469 *	Epidemiology & Statistics	3 cr	<input type="checkbox"/>	EMS 470 *	EMS Research Analysis
<input type="checkbox"/>	EMS 455 *	Disaster & Emergency Management	3 cr	<input type="checkbox"/>	EMS 456 *	Social Dimension of Disaster	3 cr
<input type="checkbox"/>	EMS 398 *	Disaster, Climate, & National Security	3 cr	<input type="checkbox"/>	EMS 498 *	International Disasters	3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr

**Option 3: EMS Education/Instructor**

Senior Year	Year 4 Fall (15 credits)			Year 4 Spring (15 credits)			
	<input type="checkbox"/>	EMS 469 *	Epidemiology & Statistics	3 cr	<input type="checkbox"/>	EMS 470 *	EMS Research Analysis
<input type="checkbox"/>	EMS 398	Lab Instructor	3 cr	<input type="checkbox"/>	EMS 421	EMS Education Internship	3 cr
<input type="checkbox"/>	EMS 498 *	EMS Technology & Simulation	3 cr	<input type="checkbox"/>	EMS 441	Principles of EMS Education	3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS 498	Advanced Lab Instructor	3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr

**Option 4: EMS Management & Operations**

Senior Year	Year 4 Fall (15 credits)			Year 4 Spring (15 credits)			
	<input type="checkbox"/>	EMS 469 *	Epidemiology & Statistics	3 cr	<input type="checkbox"/>	EMS 470 *	EMS Research Analysis
<input type="checkbox"/>	EMS 398 *	EMS Management	3 cr	<input type="checkbox"/>	EMS 398 *	Systems & Operations	3 cr
<input type="checkbox"/>	MGMT 300 or 306 or 308	Operations Management or Org. Behavior & Diversity or Ethical, Political, & Social Environment	3 cr	<input type="checkbox"/>	EMS 398	EMS Management Internship	3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr
<input type="checkbox"/>	EMS Elective		3 cr	<input type="checkbox"/>	EMS Elective		3 cr

**Option 5: Pre-Health Professional (MD, PA, Graduate Allied Health)**

Senior Year	Year 4 Fall (15 credits)			Year 4 Spring (15 credits)			
	<input type="checkbox"/>	EMS 469 *	Epidemiology & Statistics	3 cr	<input type="checkbox"/>	EMS 470 *	EMS Research Analysis
<input type="checkbox"/>	Approved Science Course		3-4 cr	<input type="checkbox"/>	Approved Science Course		3-4 cr
<input type="checkbox"/>	Approved Science Course		3-4 cr	<input type="checkbox"/>	Approved Science Course		3-4 cr
<input type="checkbox"/>	Approved Science Course		3-4 cr	<input type="checkbox"/>	Approved Science Course		3-4 cr
<input type="checkbox"/>	Approved Science Course		3-4 cr	<input type="checkbox"/>	Approved Science Course		3-4 cr
NOTE: Science courses must be approved by advisors for EMS and intended graduate program. See EMS advisor and graduate program advisor for guidance.				NOTE: Science courses must be approved by advisors for EMS and intended graduate program. See EMS advisor and graduate program advisor for guidance.			

**EMS Electives:**

EMS Electives may be selected from other EMS programs of study (above) or from approved EMS courses. Some options include:

- EMS 398 EMS Topics (topics vary by semester)
- EMS 399 EMS Problems
- EMS 461 Advanced Pathophysiology
- EMS 475 Research in Acute Care
- EMS 498 EMS Topics (EMS Ultrasound and others; topics vary by semester)
- EMS 499 EMS Problems