

This program is accredited by the Commission on Accreditation of Allied Health Educations Programs. This program is offered two times per year. Students have the option of attending full-time or part-time.

The Paramedicine Program has four components: Lecture, Lab, Clinical and Field Internships. This is approximately 1200 hours. The student must complete all coursework, lecture, lab, clinical and field internship, as well as pass all academic and practical components before sitting for the National Registry Examination.

The program is designed to educate workers in the field of Emergency Medical Services. Students should consult with an Emergency Medical Service Faculty Advisor early in their College career to explore all of their educational options. Students must earn a "C" or better in all EMS courses to graduate. All students must complete a criminal background check prior to enrolling in this program.

Required Courses	Credits	Pre or Co Reqs Rqd	Course Availability		
			Fall	Spr	Sum
General Education Courses					
• BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1*	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• COM 125 - Interpersonal Communication OR COM 126 - Communication in Healthcare*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 131 - Technical Writing I: GT-CO1*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 108 - Technical Mathematics*	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• PSY 101 - General Psychology I: GT-SS3*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Major Courses					
• EMS 225 - Fundamentals of Paramedic Practice	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 226 - Fundamentals of Paramedic Practice - Lab	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 227 - Paramedic Special Considerations	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 228 - Paramedic Special Considerations Lab	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 229 - Paramedic Pharmacology	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 230 - Paramedic Pharmacology Lab	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 231 - Paramedic Cardiology	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 232 - Paramedic Cardiology Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 233 - Paramedic Medical Emergencies	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 234 - Paramedic Medical Emergencies Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 235 - Paramedic Trauma Emergencies	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 236 - Paramedic Trauma Emergencies Lab	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 237 - Paramedic Internship Preparatory	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 280 - Internship I: Paramedic	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 281 - Paramedic Internship II	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Pre-Requisites, Co-Requisites, and Recommendations (grade C or better required)

Where requirements are listed as course categories (e.g. Electives, Arts/Humanities) rather than as specific courses, please note that depending upon course choice, pre-requisites may be required.

BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1*

- Pre-Requisite: BIO 111 - General College Biology I with Lab: GT-SC1 OR Score of 75+ on Biology Placement Test

BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1

- Pre-Requisite: BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1

EMS 226 - Fundamentals of Paramedic Practice - Lab

- Co-Requisite: EMS 225 - Fundamentals of Paramedic Practice

EMS 227 - Paramedic Special Considerations

- Co-Requisite: EMS 228 - Paramedic Special Considerations
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 228 - Paramedic Special Considerations Lab

- Co-Requisite: EMS 227 - Paramedic Special Considerations
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 229 - Paramedic Pharmacology

- Co-Requisite: EMS 230 - Paramedic Pharmacology Lab
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 230 - Paramedic Pharmacology Lab

- Co-Requisite: EMS 229 - Paramedic Pharmacology
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 231 - Paramedic Cardiology

- Co-Requisite: EMS 232 - Paramedic Cardiology Lab
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 232 - Paramedic Cardiology Lab

- Co-Requisite: EMS 231 - Paramedic Cardiology
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 233 - Paramedic Medical Emergencies

- Co-Requisite: EMS 234 - Paramedic Medical Emergencies Lab
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 234 - Paramedic Medical Emergencies Lab

- Co-Requisite: EMS 233 - Paramedic Medical Emergencies
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 235 - Paramedic Trauma Emergencies

- Co-Requisite: EMS 236 - Paramedic Trauma Emergencies Lab
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 236 - Paramedic Trauma Emergencies Lab

- Co-Requisite: EMS 235 - Paramedic Trauma Emergencies
- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 237 - Paramedic Internship Preparatory

- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 280 - Internship I: Paramedic



66 Credits

- Pre-Requisite: Acceptance into paramedic program - site specific

EMS 281 - Paramedic Internship II

- Pre-Requisite: Acceptance into paramedic program - site specific

Program Outcomes

- Demonstrate a strong understanding of the pathophysiology behind the illnesses they are assessing and treating
- Understand and recognize the ethical issues found in patient care settings
- Develop professional behaviors including presentation, preparation, and interaction
- Demonstrate clinical objectives including patient interviewing, completing a physical exam, communication, and developing a field impression
- Perform evaluations, patient management skills, exhibit communication skills, comprehension, scene control, and miscellaneous skills in a realistic setting
- Create a group presentation including pathophysiology of disease factors, provide differential diagnosis, prehospital treatment, and a patient care report in an organized manner

Notes

- *This course requires college level readiness as measured by Accuplacer, ACT, or SAT scores; approved high school course work that is less than five years old; or successful completion of appropriate college-readiness course.
- All General Education Courses must be completed prior to enrolling in and EMS prefix courses. Please consult an Academic Advisor for recommendations on the General Education course sequence.
- Course availability is subject to change
- Recommended courses may be listed above for certain electives; consult with the Academic Advising Office (advising@arapahoe.edu or 303.797.5664) for additional elective recommendations.
- Refer to 19/20 catalog for specific requirements and important information about this degree
- The student must have the following to be considered for entrance into this program: One year of documented EMT or AEMT field experience, basic ECG interpretation class, IV approval, current American Heart Association Healthcare CPR certificate, documentation of vaccinations (at least 2 HEP B vaccinations (or Titer), 2 MMR vaccinations (or Titer), Tetanus vaccination within the last 10 years, TB Skin Test, and Varicella (chicken pox) vaccination).

Graduation Requirements

- All courses must be completed with a grade of "C" or better.
- To graduate, students must apply for graduation (form available at www.arapahoe.edu/departments-and-programs/graduation) by the deadline and meet all degree requirements.

RECOMMENDED COURSE SEQUENCE

FULL-TIME TRACK (2 Semesters)

OPTION 1: Spring Start

Year 1: Spring

EMS 225	Fund of Paramedic Practice	3
EMS 226	Fund of Paramedic Practice Lab	2
EMS 227	Paramedic Special Considerations	3
EMS 228	Paramedic Special Consid Lab	2
EMS 229	Paramedic Pharmacology	3
EMS 230	Paramedic Pharmacology Lab	2
EMS 231	Paramedic Cardiology	5
EMS 232	Paramedic Cardiology Lab	1
EMS 233	Paramedic Medical Emergencies	4
EMS 234	Paramedic Medical Emergencies Lab	1
EMS 235	Paramedic Trauma Emergencies	4
EMS 236	Paramedic Trauma Emergencies Lab	1
EMS 237	Paramedic Internship Preparatory	2
EMS 280	Paramedic Internship I	6
SEMESTER CREDITS		39

Year 1: Summer

EMS 281	Paramedic Internship II	6
SEMESTER CREDITS		6

DEGREE TOTAL 45 cr

OPTION 2: Summer Start

Year 1: Summer

EMS 225	Fund of Paramedic Practice	3
EMS 226	Fund of Paramedic Practice Lab	2
EMS 227	Paramedic Special Considerations	3
EMS 228	Paramedic Special Consid Lab	2
EMS 229	Paramedic Pharmacology	3
EMS 230	Paramedic Pharmacology Lab	2
EMS 231	Paramedic Cardiology	5
EMS 232	Paramedic Cardiology Lab	1
SEMESTER CREDITS		21

Year 1: Fall

EMS 233	Paramedic Medical Emergencies	4
EMS 234	Paramedic Medical Emergencies Lab	1
EMS 235	Paramedic Trauma Emergencies	4
EMS 236	Paramedic Trauma Emergencies Lab	1
EMS 237	Paramedic Internship Preparatory	2
EMS 280	Paramedic Internship I	6
EMS 281	Paramedic Internship II	6
SEMESTER CREDITS		24

DEGREE TOTAL 45 cr

PART-TIME TRACK (3 Semesters)

OPTION 1: Spring Start

Year 1: Spring

EMS 225	Fund of Paramedic Practice	3
EMS 226	Fund of Paramedic Practice Lab	2
EMS 229	Paramedic Pharmacology	3
EMS 230	Paramedic Pharmacology Lab	2
EMS 233	Paramedic Medical Emergencies	4
EMS 234	Paramedic Medical Emergencies Lab	1
SEMESTER CREDITS		15

Year 1: Summer

EMS 227	Paramedic Special Considerations	3
EMS 228	Paramedic Special Consid Lab	2
EMS 231	Paramedic Cardiology	5
EMS 232	Paramedic Cardiology Lab	1
SEMESTER CREDITS		11

Year 1: Fall

EMS 235	Paramedic Trauma Emergencies	4
EMS 236	Paramedic Trauma Emergencies Lab	1
EMS 237	Paramedic Internship Preparatory	2
EMS 280	Paramedic Internship I	6
EMS 281	Paramedic Internship II	6
SEMESTER CREDITS		19

OPTION 2: Summer Start

Year 1: Summer

EMS 225	Fund of Paramedic Practice	3
EMS 226	Fund of Paramedic Practice Lab	2
EMS 229	Paramedic Pharmacology	3
EMS 230	Paramedic Pharmacology Lab	2
SEMESTER CREDITS		10

Year 1: Fall

EMS 233	Paramedic Medical Emergencies	4
EMS 234	Paramedic Medical Emergencies Lab	1
SEMESTER CREDITS		5

Year 1: Spring

EMS 227	Paramedic Special Considerations	3
EMS 228	Paramedic Special Consid Lab	2
EMS 231	Paramedic Cardiology	5
EMS 232	Paramedic Cardiology Lab	1
SEMESTER CREDITS		11

Year 2: Summer

EMS 235	Paramedic Trauma Emergencies	4
EMS 236	Paramedic Trauma Emergencies Lab	1
EMS 237	Paramedic Internship Preparatory	2
EMS 280	Paramedic Internship I	6
EMS 281	Paramedic Internship II	6
SEMESTER CREDITS		19
<u>DEGREE TOTAL 45 cr</u>		