

This Bachelor of Applied Science degree prepares students to advance in the field of paramedicine. Paramedics provide emergency care to the sick and injured, predominantly in out-of-hospital environments. Students learn about community paramedic practice, critical care and behavioral health practice, leadership, research, communication and quality improvement in health fields.

Career paths for paramedic graduates include working with fire departments, ambulance companies, rescue organizations, flight programs and hospital emergency departments.

A full time student can complete this Bachelor of Applied Science (BAS) degree in two years. This degree prepares students to advance in the field of paramedicine and health care. Students are eligible to take the Critical Care Paramedic and Community Paramedic exams leading to endorsement in the State of Colorado at these levels. Students successful completing this degree are eligible for licensure in the State of Colorado.

To be successful, students should have an interest in medicine and like variety and excitement. Strong interpersonal communication skills, including listening and writing are a must.

Required Courses	Credits	Pre or Co Reqs Rqd	Course Availability		
			Fall	Spr	Sum
General Education Courses					
• AAS Degree General Education Coursework (15 Cr.)*	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• BIO 111 - General College Biology I with Lab: GT-SC1* (5 Cr.)	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 122 - English Composition II: GT-CO2 (3 Cr.)	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 135 - Introduction to Statistics GT-MAT1* (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Major Courses					
• AAS Degree Major Coursework (45 Cr.)	66	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• EMS 310 - Clinical Assessment in the Behavioral Setting (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 311 - Motivational Interviewing and De-escalation Techniques (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 312 - Trauma Informed Care and Assessment (3 Cr.)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 330 - Community Advocacy and Outreach (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 331 - Community Assessment (3 Cr.)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 425 - Fundamentals of Advanced Paramedic Practice (4 Cr.)	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 430 - Care and Prevention Development Strategies (3 Cr.)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• EMS 433 - Advanced Paramedic Medical Care (4 Cr.)	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 435 - Advanced Paramedic Trauma Care (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• EMS 489 - Advanced Paramedic Practitioner Capstone (1 Cr.)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• ESA 300 - Leadership for Emergency Executives (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• ESA 305 - Crisis Communication and Public Relations (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• ESA 405 - Public Health in Complex Emergencies (4 Cr.)	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• ESA 420 - Research and Design for Emergency Administration (3 Cr.)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 111 - General College Biology I with Lab: GT-SC1* (5 Cr.)

- Pre-Requisite: CCR 092 (or higher) or equivalent and MAT 050/MAT 055 or equivalent

ENG 122 - English Composition II: GT-CO2 (3 Cr.)

- Pre-Requisite: ENG 121 - English Composition I OR ENG 131 - Technical Writing I

Program Outcomes

- Complete an advanced medical assessment to establish a patient care plan incorporating findings from a physical exam, history (PMX and HPI) and lab values.
- Assist patients with emotional and psychological conditions or crisis.
- Assist patients with acute and chronic medical and traumatic conditions.
- Work collaboratively with healthcare agencies and services to establish an integrated healthcare network to better serve communities.
- Evaluate current research and perform new research to assess current best medical practice and community needs.
- Work collaboratively with healthcare agencies and services to establish preventive strategies to foster healthier communities.

Notes

- AAS Degree General Education Coursework 15 Credits including:
ENG 121 - English Composition I: GT-CO1 3 Credits
BIO 201 - Human Anatomy and Physiology I with Lab: GT-SC1 4 Credits
BIO 202 - Human Anatomy and Physiology II with Lab: GT-SC1 4 Credits
- Course availability is subject to change.
- Refer to 21/22 catalog for specific requirements and important information about this degree.

Graduation Requirements

- Minimum GPA of 2.0 and successful completion of all require courses in the BAS.
- To graduate, students must apply for graduation (for available at www.arapahoe.edu/departments-and-programs/graduation) by the deadline and meet all degree requirements.

RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

General Ed Req	Credits	Course
	15	AAS Degree General Education Coursework (15 Cr.)*
Year 1: Fall	Credits	Course
	5	BIO 111 - General College Biology I with Lab: GT-SC1* (5 Cr.)
	3	ESA 300 - Leadership for Emergency Executives (3 Cr.)
	3	ESA 305 - Crisis Communication and Public Relations (3 Cr.)
	3	MAT 135 - Introduction to Statistics GT-MAT1* (3 Cr.)
Year 1: Spring	Credits	Course
	3	EMS 310 - Clinical Assessment in the Behavioral Setting (3 Cr.)
	3	EMS 311 - Motivational Interviewing and De-escalation Techniques (3 Cr.)
	3	EMS 312 - Trauma Informed Care and Assessment (3 Cr.)
	3	ENG 122 - English Composition II: GT-CO2 (3 Cr.)
Year 2: Fall	Credits	Course
	4	EMS 425 - Fundamentals of Advanced Paramedic Practice (4 Cr.)
	4	EMS 433 - Advanced Paramedic Medical Care (4 Cr.)
	3	EMS 435 - Advanced Paramedic Trauma Care (3 Cr.)
	3	ESA 420 - Research and Design for Emergency Administration (3 Cr.)
Year 2: Spring	Credits	Course
	3	EMS 330 - Community Advocacy and Outreach (3 Cr.)
	3	EMS 331 - Community Assessment (3 Cr.)
	3	EMS 430 - Care and Prevention Development Strategies (3 Cr.)
	1	EMS 489 - Advanced Paramedic Practitioner Capstone (1 Cr.)
	4	ESA 405 - Public Health in Complex Emergencies (4 Cr.)

RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

General Ed Req	Credits	Course
	15	AAS Degree General Education Coursework (15 Cr.)*
Year 1: Fall	Credits	Course
	5	BIO 111 - General College Biology I with Lab: GT-SC1* (5 Cr.)
	3	MAT 135 - Introduction to Statistics GT-MAT1* (3 Cr.)
Year 1: Spring	Credits	Course
	3	ESA 300 - Leadership for Emergency Executives (3 Cr.)
	3	ESA 305 - Crisis Communication and Public Relations (3 Cr.)
Year 1: Summer	Credits	Course
	3	EMS 312 - Trauma Informed Care and Assessment (3 Cr.)
	3	ENG 122 - English Composition II: GT-CO2 (3 Cr.)
Year 2: Fall	Credits	Course
	3	EMS 310 - Clinical Assessment in the Behavioral Setting (3 Cr.)
	3	EMS 311 - Motivational Interviewing and De-escalation Techniques (3 Cr.)
Year 2: Spring	Credits	Course
	4	EMS 425 - Fundamentals of Advanced Paramedic Practice (4 Cr.)
	3	ESA 420 - Research and Design for Emergency Administration (3 Cr.)
Year 2: Summer	Credits	Course
	4	EMS 433 - Advanced Paramedic Medical Care (4 Cr.)
	3	EMS 435 - Advanced Paramedic Trauma Care (3 Cr.)
Year 3: Fall	Credits	Course
	3	EMS 330 - Community Advocacy and Outreach (3 Cr.)
	4	ESA 405 - Public Health in Complex Emergencies (4 Cr.)
Year 3: Spring	Credits	Course
	3	EMS 331 - Community Assessment (3 Cr.)
	3	EMS 430 - Care and Prevention Development Strategies (3 Cr.)
	1	EMS 489 - Advanced Paramedic Practitioner Capstone (1 Cr.)