

# PARAMEDICINE A.A.S.

The Paramedicine Associate of Applied Science program at Missoula College prepares students to provide emergency medical care to victims of illness, accident, or injury, assessing patients and performing critical medical interventions. As members of the allied healthcare team, Paramedics work as part of a comprehensive EMS response, applying their advanced knowledge of human anatomy and physiology to provide advanced life support care to patients.

The primary goal of the Missoula Paramedic Program is to prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

Paramedics are employed by ambulance services, fire departments, within hospitals, and as members of emergency flight crews. They employ life-saving strategies such as managing airways, establishing vascular access, performing CPR, and administering pharmaceuticals, often while transporting patients to critical care facilities. Students who demonstrate a commitment to life-long learning, civic engagement, and service to their communities are invited to apply.

Missoula College's Paramedicine program is delivered through a community partnership with Missoula Emergency Services, Inc. (MESI), which has been training paramedics since the 1980s. The program is a candidate for Accreditation by the Committee on Accreditation of Educational Programs for EMS Professions (CoAEMSP) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Admission to the program is competitive and requires prior completion of 16 credits of pre-requisite coursework as well as a current NREMT Certification. The program's core classes begin every autumn semester and include 57 credits of classroom and laboratory instruction as well as hundreds of hours of experiential, hands-on clinical training within hospitals and aboard ambulances.

Student progress is evaluated in the classroom through testing of cognitive knowledge and in labs and clinical rotations through observation of the technical and psychomotor skills used in the profession. The program maintains high standards of ethical and professional behavior. Upon graduating, the student qualifies for an examination administered by the National Registry of Emergency Medical Technicians (NREMT), successful completion of which earns a national certification and allows the individual to practice in all states.

## GENERAL ASSOCIATE OF APPLIED SCIENCE REQUIREMENTS

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umt.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umt.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

## ASSOCIATE OF APPLIED SCIENCE - PARAMEDICINE

### Course Requirements

Code	Title	Hours
<b>Pre-Requisite Courses</b>		
Complete all of the following courses:		
AHMS 144	Medical Terminology	3
BIOH 104N	Basic Human Biology	3
BIOH 105N	Basic Human Biology Laboratory	1
COMX 115S	Introduction to Interpersonal Communications	3
M 105	Contemporary Mathematics	3
WRIT 101	College Writing I	3
<b>Core Courses</b>		
Complete all of the following courses:		
ECP 200	Transition to Paramedic Care	3
ECP 201	Paramedic Fundamentals	3
ECP 202	Paramedic Fundamentals Lab	1
ECP 206	EMS Case Studies	4
ECP 207	Cardiology	4
ECP 208	Cardiology Lab & ACLS	1
ECP 216	Hospital Clinical I	5
ECP 220	Special Considerations	1
ECP 221	OB/Neonate/Pediatrics	2
ECP 222	OB/Neonate/Pediatric Lab/PALS/Stable	1
ECP 230	Trauma	2
ECP 232	Pulmonary	2
ECP 233	Trauma/Pulmonary Lab & PHTLS	1
ECP 242	Medical Considerations	2
ECP 243	Medical Lab	1
ECP 246	Hospital Clinical II	6
ECP 247	Hospital Clinical III	6
ECP 250	NREMT Exam Preparation	3
ECP 251	NREMT Exam Preparation Lab	1
ECP 298	Internship	8
<b>Total Hours</b>		<b>73</b>