

EMERGENCY MEDICAL CARE, BACHELOR OF SCIENCE (B.S.)

Admission Procedure

Students who have been admitted to the University and College of Justice, Safety & Military Science and declare a major in Emergency Medical Care are admitted to the Emergency Medical Care Program. Admission to the Emergency Medical Care Program does not guarantee admission to the Advanced Paramedic Sequence.

Emergency Medical Care majors are accepted each semester. Students are selected for admission into the Advanced Paramedic Sequence once a year. Selection is made based on an admission matrix of criteria that includes: GPA, entrance exam score, prerequisite course grades and EMT certification. Informational meetings communication will be distributed each spring semester. Please refer to the EMC webpage for additional information.

Additional Requirements

1. Students must have a minimum grade of "C" in all advanced sequence, EMC pre-requisite courses.
2. Students must maintain a minimum GPA of 2.0 on a 4.0 scale.
3. Students must purchase and maintain student liability insurance prior to enrollment in

Code	Title	Hours
EMC 110	Emergency Medical Technician	5
EMC 115	Basic Clinical/Field Experience	2
EMC 342	Advanced Clinical I	3
EMC 352	Advanced Clinical II	3
EMC 360	Advanced Field Internship	2
EMC 362	Advanced Field Internship II	4

4. All transfer credit evaluation and program approval must be completed prior to the application deadline.

Program Requirements

CIP Code: 51.0904

Major

Code	Title	Hours
University Graduation Requirements		
General Education (https://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/)		36
<i>Foundations of Learning</i>		
GSD 101	Foundations of Learning	3
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
Major Requirements		
<i>Core Courses</i>		
EMC 300	Emergency Operations, and Behavioral Crisis	3
EMC 303	Introduction to Cardiology	3
EMC 305	Prehospital Management of OB/GYN/Pediatric Emergency	3
EMC 310	Advanced Cardiology	3
EMC 320	Adv Life Support: Trauma	3

EMC 335	Medical Emergencies I	3
EMC 340	Advanced Life Support: Medical Emergencies	3
EMC 342	Advanced Clinical I	3
EMC 352 & 352L	Advanced Clinical II and Advanced Clinical II Lab	3
EMC 360	Advanced Field Internship	2
EMC 362	Advanced Field Internship II	4
EMC 400	Emergency Care Systems Management	3
EMC 489	Introduction to Research Methods	3

Concentrations

Students must select one of the following Concentrations:	10-32
Emergency Medical Services Administration	
Paramedic/Science	
Paramedical Clinic/FSE	
<i>Free Electives</i>	
Choose from 10-21 hours of free electives	10-21
Total Hours	120

Emergency Services Administration Concentration

Code	Title	Hours
Concentration Courses		
CHE 101	Introductory Chemistry ^G	
CHE 101L	Introductory Chemistry Lab (Element 4) ^G	1
CHE 102 & 102L	Introductory Chemistry II and Introductory Chemistry Lab II	4
CHE 102L	Introductory Chemistry Lab II	1
EMC 420	Emergency Services Design and Budget	3
EMC 430	Legal and Ethical Aspects of Emergency Services	3
EMC 440	EMS Instruction	3
EMC 480	Topics in Emergency Medicine	3
PSY 200	Introduction to Psychology (Element 5B) ^G	
PSY 308	Abnormal Psychology	3
BIO 208	Human Anatomy and Physiology I	3
BIO 208L	Human Anatomy & Physiology I Lab	1
BIO 308	Human Anatomy and Physiology II	3
BIO 308L	Human Anatomy and Physiology II Lab	1
Total Hours		29

Paramedic/Science Concentration

Code	Title	Hours
Concentration Courses		
BIO 273	Clinical Microbiology	4
BIO 331	Cell Biology	3
BIO 208 & 208L	Human Anatomy and Physiology I and Human Anatomy & Physiology I Lab	4
BIO 308 & 308L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
CHE 111 & 111L	General Chemistry and General Chemistry Lab I (Element 4) ^G	
CHE 112 & 112L	General Chemistry II and General Chemistry Lab	4
CHE 361 & 361L	Organic Chemistry I and Organic Chemistry Lab I	4

CHE 362 & 362L	Organic Chemistry II and Organic Chemistry Lab II	4
PHY 131	College Physics I	5
Total Hours		32

Paramedical Clinic/FSE Concentration

Code	Title	Hours
Concentration Courses		
BIO 208 & 208L	Human Anatomy and Physiology I and Human Anatomy & Physiology I Lab	4
BIO 308 & 308L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	4
CHE 101	Introductory Chemistry (Element 4) ^G	
CHE 102 & 102L	Introductory Chemistry II and Introductory Chemistry Lab II	4
FSE 320	Principles of Emergency Services	3
FSE 225 or OSH 261	Legal Aspects of Fire Protection Principles of Occupational Safety and Health	3
PSY 200	Introduction to Psychology (Element 5B) ^G	
PSY 308	Abnormal Psychology	3
Total Hours		21

G Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above. A maximum of 3 cr. hr. will count toward Element 4.