

# EMERGENCY MEDICAL CARE, BACHELOR OF SCIENCE WITH A CONCENTRATION IN PARAMEDIC/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

### Summary Checklist for General Education

Code	Title	Hours
<b>Element 1</b>		
A:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
B:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
C:	Oral Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
<b>Element 2</b>		

Quantitative Reasoning ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/</a> )	3
<b>Element 3</b>	
A: Arts ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
B: Humanities ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
<b>Element 4</b>	
Natural Sciences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/</a> )	6
<b>Element 5</b>	
A: Historical Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
B: Social Behavioral Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
<b>Element 6</b>	
Diversity of Perspectives Experiences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/</a> )	6
<b>Total Hours</b>	<b>36</b>

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

## Major

Code	Title	Hours
<b>University Graduation Requirements</b>		
General Education		36
<i>Student Success Seminar</i>		
JSO 100	Student Success Seminar (waived for transfers with 30+ hrs.)	1
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
<b>Major Requirements</b>		
<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:

## Emergency Medical Services Administration

Paramedical Clinic/FSE	
Paramedic/Science	31
<i>Free Electives</i>	
Choose from 13 hours of free electives	13
<b>Total Hours</b>	<b>120</b>

**Concentration**

Code	Title	Hours
<b>Concentration Courses</b>		
BIO 318	General Botany	4
BIO 273	Clinical Microbiology	4
BIO 307	Human Anatomy and Physiology I	3
BIO 308	Human Anatomy and Physiology II	3
CHE 111	General Chemistry (Element 4) <sup>G</sup>	
CHE 111L & 111L	General Chemistry Lab I and General Chemistry Lab I (Element 4) <sup>G</sup>	
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
<b>Total Hours</b>		<b>31</b>

**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.