

Eastern Kentucky University
College of Justice & Safety
Department of Safety, Security & Emergency Management
Bachelor of Science Degree ~ Paramedic/ Science Option

Total Curriculum Requirements: 120 hours

Major Requirements: 48 hours

EMC 104	Healthcare Basic Life Support	1 Hour
EMC 110	Introduction to Emergency Medical Care	6 Hours
EMC 115	Basic Clinical/Field Experience	2 Hours
EMC 200	Introduction to Prehospital Advanced Life Support	2 Hours
EMC 205	Prehospital Management of OB/GYN Emergencies	1 Hour
EMC 215	Prehospital Management of Behavioral Emergencies	1 Hour
EMC 225	Introduction to Pharmacology	3 Hours
EMC 240	Introduction to Electrocardiography	3 Hours
EMC 310	Advanced Cardiac Life Support	1 Hour
EMC 315	Pediatric Advance Life Support	1 Hour
EMC 320	Advanced Life Support: Trauma	3 Hours
EMC 335	Advanced Life Support: Medical Emergencies I	3 Hours
EMC 340	Advanced Life Support: Medical Emergencies II	3 Hours
EMC 342	Advanced Clinical I	3 Hours
EMC 352	Advanced Clinical II	3 Hours
EMC 360	Advanced Field Internship	2 Hours
EMC 362	Advanced Field Internship II	4 Hours
EMC 400	Emergency Care Systems Management	3 Hours
EMC 480	Topics in Emergency Medicine	3 Hours

Supporting Course Requirements: 35 hours

BIO 121	Principles of Biology	4 Hours
BIO 171	Human Anatomy	3 Hours
BIO 273	Clinical Microbiology	4 Hours
BIO 301	Human Physiology	3 Hours
CHE 111/115Lab	Introductory Chemistry I	4 Hours
CHE 112/116Lab	Introductory Chemistry II	4 Hour
CHE 361/366Lab	Organic Chemistry I	4 Hours
CHE 362/367Lab	Organic Chemistry II	4 Hours
PHY 131	College Physics I	5 Hours

General Education Requirements: 36 hours

- Standard General Education program, excluding blocks IVA, IVB, and VIII
- Refer to Section Four of the undergraduate catalog for details on the general education and University requirements.

University Requirements: 1 hour

JSO 100 – Academic Orientation: Justice and Safety

Free Electives: 0 hours

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Block I – Communication (9 hours total)

- IA Written Communication (3 hours)
- IB Written Communication (3 hours)
- IC Oral Communication (3 hours)

Block II – Mathematics (3 hours total)

Block III – Arts and Humanities (6 hours total)

- IIIA Arts (3 hours)
- IIIB Humanities (3 hours)
- Or IIIA/B Integrated Arts and Humanities (6 hours)

Block V – Social and Behavioral Sciences (9 hours total)

- VA History (3 hours)
- VB Social and Behavioral Science (3 hours)
- VC History or Social and Behavioral Science (3 hours)

Block VI – Wellness (3 hours total)

Block VII – Breadth of Knowledge (6 hours total)

*Select six hours from two of the following areas:

- VII (AH) Arts and Humanities
- VII (QS) Quantitative Skills
- VII (SBS) Social and Behavioral Sciences