

HEALTH SCIENCES

EMERGENCY MEDICAL SCIENCE

The Emergency Medical Science curriculum provides individuals with the knowledge, skills and attributes to provide advanced emergency medical care as a paramedic for critical and emergent patients who access the emergency medical system and prepares graduates to enter the workforce.

Students will gain complex knowledge, competency, and experience while employing evidence-based practice under medical oversight, and serve as a link from the scene into the healthcare system.

Graduates of this program may be eligible to take state and/or national certification examinations. Employment opportunities include providers of emergency medical services, fire departments, rescue agencies, hospital specialty areas, industry, educational and government agencies.

Emergency Medical Science Degree - A45340

-Day

First Semester (First Fall)

EMS 110	EMT.....	8
BIO 163	Basic Anat & Physiology	5
MED 120	Survey of Med Terminology	2

Second Semester

EMS 122	EMS Clinical Practicum I	1
EMS 130	Pharmacology	4
EMS 131	Advanced Airway Management	2
EMS 160	Cardiology I	2
ENG 111*	Writing and Inquiry	3
MAT 110*	Math Measurement & Literacy	3

Summer Term (First Summer)

EMS 150	Emergency Vehicles & EMS Comm	2
EMS 220	Cardiology II	3
EMS 221	EMS Clinical Practicum II.....	2
EMS 250	Medical Emergencies.....	4

Third Semester (Second Fall)

EMS 125	EMS Instructor Methodology.....	2
EMS 231	EMS Clinical Pract III	3
EMS 260	Trauma Emergencies.....	2
EMS 270	Life Span Emergencies	3
ENG 112 [§]	Writing/Research in the Disc	3

Fourth Semester (Second Spring)

EMS 140	Rescue Scene Management.....	2
EMS 240	Patients W/ Special Challenges	2
EMS 241	EMS Clinical Practicum IV	4
EMS 285	EMS Capstone.....	2
PHI 240	Introduction to Ethics	3
PSY 150*	General Psychology.....	3

Graduation Requirements 70 Credit Hours

* College transfer courses

§ Other 3-credit-hour English courses such as ENG-114 may be accepted with EMS Department Head approval.

* College Transfer Human Anatomy and Physiology Option:
BIO-168* with BIO-169* may be substituted for BIO-163.