

Paramedic Science

Associate in Applied

Science 60 Credit Hours

Purpose

Southern's Paramedic Science Program prepares students to be competent entry-level paramedics. The nationwide demand for paramedics continues to rise while the numbers have declined. Today's paramedics must have a firm grasp of anatomy and physiology, the pathologies of numerous disease processes, kinematics of trauma, pharmacology, basic and advanced life support skills and procedures, and have the ability to apply this knowledge to all age groups. Furthermore, the paramedic must be a leader, able to gain control of the often chaotic scene environment, be a team leader, able to communicate with patients and family members and intelligently with physicians and other hospital personnel. Upon successful completion of the program, students will be ready to provide pre-hospital care to the ill or injured patient following the guidelines of standard patient care. The use of various web sites is a vital part of this program used in documentation of clinical rotations and course work.

The full Paramedic Science Program is available on the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the general education/program support courses only.

First Semester	Title	Credit Hours
BS 115 and BS 116 or BS 118	Essentials of Human Systems for Healthcare Professionals and Essentials of Human Systems for Healthcare Professionals Laboratory or Essentials of Human Systems for Allied Health	4
EM 101	Airway Management	3
EM 102	Introduction to EMS	3
EM 114	Pre-hospital Pharmacology	3
EM 118	Patient Assessment	3
EM 121	Pathophysiology for the EMS Provider	1
		17
Second Semester	Title	Credit Hours
AH 108 (E)	Medical Terminology	2
EM 116	Cardiopulmonary	5
EM 117	Medical Emergencies	4
EM 119	Trauma/Shock/Management	3
EM 120	Coordinated Clinical Internship I	3
		17
Third Semester	Title	Credit Hours
EM 217	Special Considerations	4
EM 218	Rescue Operations	4
EM 220	Coordinated Clinical Internship II	3
		11
Fourth Semester	Title	Credit Hours
AH 200 (E)	Health Care Ethics and Law	1
AH 203	Communication Skills for the Health Care Professional	1
BU 115	Business Mathematical Applications	3
CS 103 (E)	Introduction to Applications	1
EM 215	EMS Seminar	3
EM 216	Assessment Based Management	1
EM 219	Coordinated Field Internship	2
EN 101 or EN 101A	~English Composition I	3
		15

~ Designates courses on the statewide Core Coursework Transfer Agreement.