

## Associate in Science – Emergency Medical Services (75 credits)

The associate in science in emergency medical services (AS-EMS) degree program comprises 75 credits and leads to EMT-Paramedic National Registry Certification. EMS courses required for the degree are offered in conjunction with JeffSTAT, the EMS training component of Thomas Jefferson University Hospital, Inc. EMS courses are offered during the day in a session that begins each September and at night in a session that alternates between every other September and every other January. With the exception of anatomy and physiology, which must be taken as a prerequisite or co-requisite of the program, General Education courses can be taken before, after or along with EMS courses in day and/or night class times, provided that the last thirty (30) credits for the degree are taken at Jefferson. Current certification as an EMT-Basic is required for admission to the AS-EMS degree program.

<b>General Education (27 credits)</b>		Credits
ENGL 101/102	Composition I & II	6
BIOL 110/111	Human Anatomy & Physiology I & II *	8
PSYC 101	Introduction to Psychology	3
MATH 101	College Algebra	3
COMM 101	Interpersonal Communications	3
POSC 101	Government of the United States <i>or</i>	3
SOC 101	Introduction to Sociology <i>or</i>	3
HIST 112	United States History	3
CMST 103	Computing Essentials	1
<b>Major Related (48 credits) (in sequence taken)</b>		
EMS 103	Introduction to EMS Systems	1
EMS 106	Pharmacology & Medication Administration	4
EMS 107	Airway Management	2
EMS 110	Clinical Rotation I	2
EMS 111	Patient Assessment/Communications	3
EMS 113	Trauma	4
EMS 120	Clinical Rotation II	4
EMS 203	Cardiac Pathophysiology and Interpretation	5
EMS 204	Medical Emergencies	4
EMS 210	Clinical Rotation III	4
EMS 215	Patient Management Across the Lifespan	4
EMS 217	Assessment Based Management	1
EMS 219	Ambulance & Field Operations	2
EMS 220	Clinical Rotation IV	3
EMS 251	Pre-Hospital Field Experience	5
<b>TOTAL CREDITS</b>		<b>75</b>

\*Prerequisites/co-requisites. Must be completed prior to EMS 203.

### Day and Evening EMS Course Cycles

<b>EMS Day-time cycle (14 months)</b>		<b>EMS Night-time cycle (16-19 months)</b>	
<i>Fall Semester</i>		<i>Spring/Fall Semesters; alternating</i>	
EMS 103: Introduction to EMS Systems	1	EMS 103: Introduction to EMS Systems	1
EMS 106: Pharmacology/Medication Admin*	4	EMS 106: Pharmacology/Medication Admin*	4
EMS 107: Airway Management	2	EMS 107: Airway Management	2
EMS 110: Clinical Rotation I	2	EMS 110: Clinical Rotation I	2
EMS 111: Patient Assessment/Communications	3	<i>Total</i>	9
EMS 113: Trauma	4	<i>Summer/Spring Semesters; alternating</i>	

	<i>Total</i>	16	EMS 111: Patient Assessment/Communications	3
<i>Spring Semester</i>			EMS 113: Trauma	4
EMS 120: Clinical Rotation II		4	EMS 120: Clinical Rotation II	4
EMS 203: Cardiac Pathophysiology/ Interpretation		5	<i>Total</i>	11
EMS 204: Medical Emergencies		4	<i>Fall/Summer Semesters; alternating</i>	
	<i>Total</i>	13	EMS 203: Cardiac Pathophysiology/ Interpretation	5
<i>Summer Semester</i>			EMS 204: Medical Emergencies	4
EMS 210: Clinical Rotation III		4	EMS 210: Clinical Rotation III	4
EMS 215: Patient Management across Lifespan		4	<i>Total</i>	13
EMS 217: Assessment Based Management		1	<i>Spring/Fall Semesters; alternating</i>	
EMS 219: Ambulance & Field Operations		2	EMS 215: Patient Management across Lifespan	4
EMS 220: Clinical Rotation IV		3	EMS 217: Assessment Based Management	1
	<i>Total</i>	14	EMS 219: Ambulance & Field Operations	2
<i>Fall Semester</i>			EMS 220: Clinical Rotation IV	3
EMS 251: Pre-hospital Field Experience		5	<i>Total</i>	10
			<i>Summer/Spring Semesters; alternating</i>	
			EMS 251: Pre-hospital Field Experience	5
	<i>Total EMS credits</i>	48	<i>Total EMS credits</i>	48

#### Admissions Requirements – AS-EMS

- Pre-application advising session through the Department of General Studies
- Current EMT-B certification or current enrollment in an accredited EMT-B training program
- Current CPR certification
- High School Diploma or GED certification
- Satisfactory score on Health Occupations Basic Entrance Test (HOBET\*) or satisfactory completion of at least 12 college credits
- Submission of official college transcripts, if applicable

\* *The Health Occupations Basic Entrance Test requires approximately 2 ½ hours to complete, measures essential math, reading and test-taking skills, and analyzes individual learning styles. It can be taken on-line in the Learning Resources Center (13<sup>th</sup> Floor, Edison Building).*