

EMERGENCY MEDICAL SCIENCE DEGREE

Program Code: A45340

Course	Title	Hours
First Year		
Fall		
EMS-110	EMT	9
MAT-110	Mathematical Measurement and Literacy ¹	3
BIO-163	Basic Anatomy & Physiology ¹	5
ENG-111	Writing and Inquiry ¹	3
Hours		20
Spring		
EMS-122	EMS Clinical Practicum I	1
EMS-150	Emergency Vehicles and EMS Communication	2
EMS-130	Pharmacology	4
EMS-131	Advanced Airway Management	2
EMS-210	Advanced Patient Assessment	2
COM-120	Introduction to Interpersonal Communication ¹	3
Hours		14
Summer		
EMS-221	EMS Clinical Practicum II	2
EMS-160	Cardiology I	3
EMS-220	Cardiology II	3
PHI-240	Introduction to Ethics ¹	3
Hours		11
Second Year		
Fall		
EMS-231	EMS Clinical Practicum III	3
EMS-250	Medical Emergencies	4
EMS-260	Trauma Emergencies	2
EMS-270	Life Span Emergencies	4
PSY-150	General Psychology ¹	3
Hours		16
Spring		
EMS-140	Rescue Scene Management	2
EMS-235	EMS Management	2
EMS-240	Patients With Special Challenges	2
EMS-241	EMS Clinical Practicum IV	4
EMS-285	EMS Capstone	2
Hours		12
Total Hours		73

¹ May be taken prior to acceptance into the program

Substitution for Major Hours

The following courses may be substituted for COM-120 Introduction to Interpersonal Communication:

Code	Title	Hours
COM-231	Public Speaking ¹	3
ENG-112	Writing and Research in the Disciplines ¹	3

The following course may be substituted for PHI-240 Introduction to Ethics:

Code	Title	Hours
HUM-115	Critical Thinking ¹	3

The following courses may be substituted for PSY-150 General Psychology:

Code	Title	Hours
PSY-118	Interpersonal Psychology ¹	3
SOC-210	Introduction to Sociology	3

The following courses may be substituted for BIO-163 Basic Anatomy & Physiology:

Code	Title	Hours
BIO-168 & BIO-169	Anatomy and Physiology I and Anatomy and Physiology II ¹	8

The following course may be substituted for MAT-110 Mathematical Measurement and Literacy:

Code	Title	Hours
MAT-143	Quantitative Literacy ¹	3

¹ May be taken prior to acceptance into the program

Emergency Medical Science (A45340)

Currently credentialed Paramedics may receive advanced placement through the EMS Bridging Option:

Code	Title	Hours
EMS-235	EMS Management	2
EMS-280	EMS Bridging Course	3
ENG-111	Writing and Inquiry ¹	3
COM-120	Introduction to Interpersonal Communication	3
BIO-163	Basic Anatomy & Physiology ¹	5
MAT-110	Mathematical Measurement and Literacy ¹	3
PSY-150	General Psychology ¹	3
PHI-240	Introduction to Ethics ¹	3
Total Hours		25

¹ Courses may be taken prior to acceptance in the program

Code	Title	Hours
General Ed Courses		
<i>Science</i>		
BIO-163	Basic Anatomy & Physiology	5-8
or BIO-168 & BIO-169	Anatomy and Physiology I and Anatomy and Physiology II	
<i>Mathematics</i>		
MAT-110	Mathematical Measurement and Literacy	3
or MAT-143	Quantitative Literacy	
<i>English/Communications</i>		

Select one of the following: 6

ENG-111 Writing and Inquiry
& COM-120 and Introduction to Interpersonal Communication

ENG-111 Writing and Inquiry
& COM-231 and Public Speaking

or ENG-112 Writing and Research in the Disciplines

Humanities/Fine Arts

PHI-240 Introduction to Ethics 3
or HUM-115 Critical Thinking

Social/Behavioral Science

Select one of the following: 3

PSY-150 General Psychology

PSY-118 Interpersonal Psychology

SOC-210 Introduction to Sociology

Total Hours 20-23

This program is required to meet standards set by external licensing and/or accrediting bodies. As such, changes to admissions requirements, course requirements, completion requirements, and any other area of this program may occur with little or no notice to current or prospective students.

The Johnston Community College Paramedic Program is accredited by the Committee on Accreditation of Allied Health Education Programs (www.caahep.org (<http://www.caahep.org/>)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Committee on Accreditation of Allied Health Education Programs

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