

# EMERGENCY MEDICAL SERVICES (BS)

## Degree Requirements

Code	Title	Hours
<b>General Education Requirements</b>		
Select General Education Requirements (p. 1)		44-49
<b>Major Requirements</b>		
<i>Emergency Medical Services Requirements</i>		
A. Complete the following:		
EMS 112	EMT Emergency Care	6
EMS 140	Advanced EMT	6
EMS 113	EMT Skills Lab	1
EMS 115	EMT Clinical Internship	1
EMS 141	Advanced EMT Skills Lab	1
EMS 143	Advanced EMT Internship	2
EMS 200	Human Systems/Pathophysiology	3
EMS 210	Medical Terminology	3
EMS 212	Paramedic Foundations	3
EMS 214	Introduction to EMS Cardiology	3
EMS 216	Patient Assess/Mgt & EMS Oper	3
EMS 217	Paramedic Clinical I	3
EMS 240	EMS Resp. Special Populations	3
EMS 242	Paramedic Emergency Care I	3
EMS 244	Paramedic Emergency Care II	3
EMS 245	Paramedic Skills Lab	1
EMS 247	Paramedic Clinical II	2
EMS 297	Paramedic Comp Review/Exams	3
EMS 295	Paramedic Field Internship	4
EMS 310	Intro to EMS Systems	3
EMS 315	EMS Administration	3
EMS 320	EMS Law and Legal Issues-W	3
EMS 325	Instructional Methods in EMS	3
EMS 340	Disaster Mgt & Event Planning	3
EMS 440	Health Insurance/Managed Care	3
EMS 445	EMS Research - W	3
EMS 460	Issues and Trends in EMS	3
EMS 475	EMS Internship	3
EMS 495	EMS Comp/Review Exam	1
MGT 300	Management Theory and Practice	3
<b>Minor Requirements</b>		
A minor is not required for this degree program		0
<b>Total Hours</b>		<b>129-134</b>

## General Education Requirements

Code	Title	Hours
<b>Area I - Written Composition</b>		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3

## Area II - Humanities & Fine Arts

A. Complete the following:

CA 110 Public Speaking 3

B. Select one of the following: see footnote table below (p. 3) <sup>1</sup> 3

EH 215 Brit Lit before 1785

EH 216 Brit Lit after 1785

EH 225 Am Lit before 1865

EH 226 Am Lit after 1865

EH 235 World Lit before 1650

EH 236 World Lit after 1650

C. Select one of the following: 3

ARH 100 Survey of Art

ARH 103 Art History I

ARH 123 Art History II

ARS 101 Art Appreciation

DRA 110 Introduction to Theatre

MUL 101 Introduction to Music

D. Select three hours from the following: 3

AFR 101 Intro to African Amer Studies

ARH 100 Survey of Art

ARH 103 Art History I

ARH 123 Art History II

ARH 203 Survey of Non-Western Art

ARS 101 Art Appreciation

CLA 110 Intro Anc Greek Roman Culture

DRA 110 Introduction to Theatre

EH 215 Brit Lit before 1785

EH 216 Brit Lit after 1785

EH 225 Am Lit before 1865

EH 226 Am Lit after 1865

EH 235 World Lit before 1650

EH 236 World Lit after 1650

LG 101 Introductory Latin I

LG 102 Introductory Latin II

LG 111 Introductory French I

LG 112 Introductory French II

LG 121 Introductory Chinese I

LG 122 Introductory Chinese II

LG 131 Introductory Spanish I

LG 132 Introductory Spanish II

LG 141 Intro Classical Greek I

LG 142 Intro Classical Greek II

LG 151 Introductory German I

LG 152 Introductory German II

LG 153 Accelerated Intro German

LG 171 Introductory Russian I

LG 172 Introductory Russian II

LG 173 Accelerated Intro Russian

LG 201 Intermediate Latin I

LG 202 Intermediate Latin II

LG 211 Intermediate French I

LG 212 Intermediate French II

LG 213	Accelerated Inter French - H
LG 221	Intermediate Chinese I
LG 222	Intermediate Chinese II
LG 231	Intermediate Spanish I
LG 232	Intermediate Spanish II
LG 234	Inter Spanish Accel -H
LG 241	Interm Classical Greek I
LG 242	Interm Classical Greek II
LG 251	Intermediate German I
LG 252	Intermediate German II
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

**Area III – Natural Sciences & Mathematics**

A. Select three hours from the following:	3
MA 110	Finite Mathematics
MA 112	Precalculus Algebra
MA 113	Precalculus Trigonometry
MA 115	Precal Algebra-Trigonometry
MA 120	Calculus and Its Applications
MA 125	Calculus I
MA 126	Calculus II
MA 227	Calculus III
MA 237	Linear Algebra I
MA 238	Differential Equations I
B. Select 8-10 hours from the following:	8-10
BLY 101 & 101L	Life Science I and Life Science I Laboratory

or BLY 121 & 121L	General Biology I and General Biology I Lab
BLY 102 & 102L	Life Science II and Life Science II Lab
or BLY 122 & 122L	General Biology II and General Biology II Laboratory
CH 101 & 101L	Survey of Inorg and Org Chem and Survey Inorg-Org Chem Lab
CH 131 & 131L	General Chemistry I and General Chemistry I Lab
CH 132 & 132L	General Chemistry II and General Chemistry II Lab
GEO 101 & 101L	Environmental Geography and Environmental Geography Lab
GEO 102 & 102L	Earth and the Environment and Earth and the Environment Lab
GY 111 & 111L	Physical Geology and Physical Geology Lab
GY 112 & 112L	Earth History and Earth History Lab
PH 101 & 101L	Introduction to Astronomy and Introduction to Astronomy Lab
PH 104 & 104L	Concepts of Physics and Concepts of Physics Laboratory
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab
PH 115 & 115L	Physics with Algebra -Trig II and Alg-Trig Based Physics II Lab
PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab
PH 202 & 202L	Calculus-Based Physics II and Calculus-Based Physics II Lab

**Area IV – History, Social & Behavioral Sciences see footnote table below (p. 3) <sup>1</sup>**

A. Select one of the following:	3	
HY 101	HY of Western Civilization I	
HY 102	HY of Western Civilization II	
HY 135	US History to 1877	
HY 136	US History since 1877	
B. Complete the following:		
PSY 120	Introduction to Psychology	3
C. Select one of the following:		
SY 109	Introductory Sociology	3
SY 112	Social Problems	3
D. Select one of the following:		3
AN 100	Intro to Cultural Anthropology	
AN 101	Intro Archaeology-Bio Anthro	
CA 100	Intro to Communication	
CA 211	Interpersonal Comm	
CJ 105	Introduction to Criminal Justice	
ECO 215	Prin of Microeconomics	
ECO 216	Prin of Macroeconomics	
GEO 114	People, Places, Environment	
GEO 115	World Regional Geography	
GS 101	Intro to Gender Studies	

HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877
IS 100	Global Issues
IST 201	Seasons of Life
NAS 101	Intro Native American Studies
PSC 130	Intro to US Government
PSY 120	Introduction to Psychology
PSY 250	Life Span Development
SY 109	Introductory Sociology
SY 112	Social Problems

**Area V**

A. Complete the following:

CIS 150	Intro to Computer Applications (or pass computer proficiency exam)	0-3
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B. Complete the following:

MGT 300	Management Theory and Practice	3
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**Total Hours 47-52**

**Footnote**

<sup>1</sup> Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 135 & HY 136).

**Notes**

- If students have passed BMD 252 with a grade of B or higher, they are exempt from taking EMS 200
- All undergraduates must complete two designated writing credit (W) courses, at least one of which must be in the student's major or minor.
- EMS 410 - Concepts of Professional Paramedics, 6 credits (Bridge Course). Required. This track is designed especially for licensed paramedics who have earned their paramedic education elsewhere. In addition to the EMS 410 course, students are required to meet all admissions requirements. Upon completion of EMS 410, up to 40 semester hours will be awarded to the student's previous paramedic training during the final semester before graduation.

**Graduation Plan**

(126 Total Hours)

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
EH 101	English Composition I	3
Lab Science	Area III, B	4
History	Area IV, A <sup>1</sup>	3
Fine Arts	Area II, C	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
EH 102	English Composition II	3
Lab Science	Area III, B	4
SY 109	Introductory Sociology	3
MA 110 or MA 112	Finite Mathematics or Precalculus Algebra	3

Humanities	Area II, D	3
CA 110	Public Speaking	3
<b>Hours</b>		<b>19</b>

**Second Year**

<b>Fall</b>		
Literature	Area II, B <sup>1</sup>	3
PSY 120	Introduction to Psychology	3
EMS 112	EMT Emergency Care	6
EMS 113	EMT Skills Lab	1
EMS 115	EMT Clinical Internship	1
EMS 210	Medical Terminology	3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
2nd History or Literature	Area IV, B or Area II, B <sup>1</sup>	3
EMS 200	Human Systems/Pathophysiology	3
EMS 140	Advanced EMT	6
EMS 141	Advanced EMT Skills Lab	1
EMS 143	Advanced EMT Internship	2
<b>Hours</b>		<b>15</b>

**Third Year**

<b>Fall</b>		
MGT 300	Management Theory and Practice	3
EMS 212	Paramedic Foundations	3
EMS 214	Introduction to EMS Cardiology	3
EMS 216	Patient Assess/Mgt & EMS Oper	3
EMS 217	Paramedic Clinical I	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EMS 240	EMS Resp. Special Populations	3
EMS 242	Paramedic Emergency Care I	3
EMS 244	Paramedic Emergency Care II	3
EMS 245	Paramedic Skills Lab	1
EMS 247	Paramedic Clinical II	2
<b>Hours</b>		<b>12</b>

**Fourth Year**

<b>Fall</b>		
EMS 295	Paramedic Field Internship	4
EMS 297	Paramedic Comp Review/Exams	3
EMS 310	Intro to EMS Systems	3
EMS 315	EMS Administration	3
EMS 320	EMS Law and Legal Issues-W	3
EMS 460	Issues and Trends in EMS	3
<b>Hours</b>		<b>19</b>
<b>Spring</b>		
EMS 325	Instructional Methods in EMS	3
EMS 340	Disaster Mgt & Event Planning	3
EMS 440	Health Insurance/Managed Care	3
EMS 445	EMS Research - W	3
EMS 475	EMS Internship	3
EMS 495	EMS Comp/Review Exam	1
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>126</b>

<sup>1</sup> Must complete a two semester series of either Literature or History.