## Emergency Medical Services (BS)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Education Requirements</strong></td>
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<tr>
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<td>Select General Education Requirements (p. 1)</td>
<td>44-49</td>
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<td><strong>Major Requirements</strong></td>
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<td></td>
<td><strong>Emergency Medical Services Requirements</strong></td>
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<tr>
<td>EMS 112</td>
<td>EMT Emergency Care</td>
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<td>EMS 113</td>
<td>EMT Skills Lab</td>
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<tr>
<td>EMS 200</td>
<td>Human Systems/Pathophysiology</td>
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<td>EMS 210</td>
<td>Medical Terminology</td>
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<td>EMS 212</td>
<td>Paramedic Foundations</td>
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<tr>
<td>EMS 214</td>
<td>Introduction to EMS Cardiology</td>
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<td>EMS 216</td>
<td>Patient Assess/Mgt &amp; EMS Oper</td>
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<td>EMS 217</td>
<td>Paramedic Clinical I</td>
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<td>EMS 240</td>
<td>EMS Resp. Special Populations</td>
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<td>EMS 242</td>
<td>Paramedic Emergency Care I</td>
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<td>EMS 244</td>
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<td>EMS 247</td>
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<td>Paramedic Comp Review/Exams</td>
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<tr>
<td>EMS 310</td>
<td>Intro to EMS Systems</td>
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<td>EMS 315</td>
<td>EMS Administration</td>
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<td>EMS 320</td>
<td>EMS Law and Legal Issues-W</td>
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<td>Instructional Methods in EMS</td>
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<td>EMS 340</td>
<td>Disaster Mgt &amp; Event Planning</td>
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<td>EMS 440</td>
<td>Health Insurance/Managed Care</td>
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<td>EMS 445</td>
<td>EMS Research - W</td>
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<td>EMS 460</td>
<td>Issues and Trends in EMS</td>
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<td>EMS 475</td>
<td>EMS Internship</td>
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<td>EMS 495</td>
<td>EMS Comp/Review Exam</td>
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<td>MGT 300</td>
<td>Management Theory and Practice</td>
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<td><strong>Minor Requirements</strong></td>
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### General Education Requirements

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<tr>
<td></td>
<td><strong>Area I - Written Composition</strong></td>
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<tr>
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<td>A. Complete the following:</td>
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<tr>
<td>EH 101</td>
<td>English Composition I</td>
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<td>B. Complete the following:</td>
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<tr>
<td>EH 102</td>
<td>English Composition II</td>
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### Area II - Humanities & Fine Arts

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<thead>
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<th>Code</th>
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<tbody>
<tr>
<td>CA 110</td>
<td>Public Speaking</td>
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<td></td>
<td>B. Select one of the following: see footnote table below (p. 3)</td>
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<tr>
<td>EH 215</td>
<td>Brit Lit before 1785</td>
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<tr>
<td>EH 216</td>
<td>Brit Lit after 1785</td>
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<tr>
<td>EH 225</td>
<td>Am Lit before 1865</td>
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</tr>
<tr>
<td>EH 226</td>
<td>Am Lit after 1865</td>
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<tr>
<td>EH 235</td>
<td>World Lit before 1650</td>
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<tr>
<td>EH 236</td>
<td>World Lit after 1650</td>
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<td>ARH 100</td>
<td>Survey of Art</td>
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<td>Art History I</td>
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<td>ARH 123</td>
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<td>ARH 203</td>
<td>Survey of Non-Western Art</td>
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<td>ARS 101</td>
<td>Art Appreciation</td>
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<tr>
<td>CLA 110</td>
<td>Intro Anc Greek Roman Culture</td>
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<td>DRA 110</td>
<td>Introduction to Theatre</td>
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<tr>
<td>LG 101</td>
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<td>LG 121</td>
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<td>LG 131</td>
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<td>LG 141</td>
<td>Intro Classical Greek I</td>
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<tr>
<td>LG 151</td>
<td>Introductory German I</td>
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<tr>
<td>LG 152</td>
<td>Introductory German II</td>
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<tr>
<td>LG 153</td>
<td>Accelerated Intro German</td>
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<tr>
<td>LG 171</td>
<td>Introductory Russian I</td>
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<tr>
<td>LG 172</td>
<td>Introductory Russian II</td>
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<tr>
<td>LG 173</td>
<td>Accelerated Intro Russian</td>
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<tr>
<td>LG 201</td>
<td>Intermediate Latin I</td>
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<tr>
<td>LG 202</td>
<td>Intermediate Latin II</td>
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<tr>
<td>LG 211</td>
<td>Intermediate French I</td>
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<tr>
<td>LG 212</td>
<td>Intermediate French II</td>
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Area I – Basic Sciences

A. Select three hours from the following: 3
   - 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 Inter Classical Greek I
   - LG 242 Inter 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 II – 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 Life Science I
     & 101L and Life Science I Laboratory
   - BLY 102 Life Science II
     & 102L and Life Science II Lab
   - or BLY 122 General Biology II
     & 122L and General Biology II Laboratory

Area III – History, Social & Behavioral Sciences

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: 3
   - SY 109 Introductory Sociology
   - SY 112 Social Problems

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

Area IV – History, Social & Behavioral Sciences see footnote table below (p. 3)

1. 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

2. Complete the following:
   - PSY 120 Introduction to Psychology 3

3. Select one of the following:
   - SY 109 Introductory Sociology 3
   - SY 112 Social Problems 3

4. 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

Footnote:
1. Area IV – History, Social & Behavioral Sciences see footnote table below (p. 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
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

B. Complete the following:
MGT 300  Management Theory and Practice 3

Total Hours 47–52

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

Second Year
Fall
Literature  Area II, B  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

Hours  17
Spring
2nd History or Literature  Area IV, B or Area II, B  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

Hours  15

Third Year
Fall
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

Hours  15
Spring
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

Hours  12

Fourth Year
Fall
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

Hours  19
Spring
EMS 325  Instructional Methods in EMS  3
EMS 340  Disaster Mgmt & 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

Hours  16

Total Hours  126

Footnote
1 Must complete a two semester series of either Literature or History.