Emergency Medical Services (EMS), AAS

Program Description
The Emergency Medical Services (EMS) Program is designed to prepare students for career opportunities in pre-hospital emergency care, such as ambulance, fire department, search and rescue, law enforcement, and volunteer service. Pre-hospital emergency care involves a wide scope of activities such as recognition and management of patients with heart disease, trauma, burns, poisoning, alcohol and drug abuse, childbirth, acute psychiatric disorders, and other medical emergencies. Curricula for all EMS courses are based on the National Standard Curriculum.

Our goal is to prepare competent entry level paramedic/EMTs in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Certification
Upon successful completion, students are eligible to apply for testing and certification as a Paramedic through the National Registry of Emergency Medical Technicians.

Licensing Requirements
The curriculum for programs at Dixie State University customarily leading to licensure have been designed to meet the licensure/certification requirements in Utah as well as preparing students to apply for licensure exams in the State of Utah (see the licensing website (https://www.nremt.org/rwd/public/document/) for more information regarding licensure in Utah). The licensure boards in each state are responsible for establishing the requirements for licensure/certification for their state. Requirements may vary from state to state and may change at any time. Students who intend to use their DSU degree to secure licensure in any state other than Utah will need to review the professional licensure disclosures in that state pertaining to their program and consult with the state professional licensing board. For more information speak with a program advisor in the DSU academic department offering the program.

Program Curriculum
78 credits

Prerequisite
- Emergency Medical Technician (EMT) certification (catalog.dixie.edu/programs/healthcare-diagnostics-and-therapeutics/emt-certificate/) for one (1) year prior to application deadline.
- Strongly recommend completion of AEMT certificate.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>ENGL 1010</td>
<td>Introduction to Writing (EN)</td>
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<td>Introduction to Writing (EN)</td>
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<td>ENGL 2010</td>
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<td>COMM 2110</td>
<td>Interpersonal Communication (SS, GC)</td>
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<td>MATH 1030</td>
<td>Quantitative Reasoning (MA)</td>
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<td>or MATH 1040</td>
<td>Introduction to Statistics (MA)</td>
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<td>or MATH 1050</td>
<td>College Algebra / Pre-Calculus (MA)</td>
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<td>BIOL 2320</td>
<td>Human Anatomy and Human Anatomy Lab</td>
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<tr>
<td>&amp; BIOL 2325</td>
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<td>Human Physiology and Human Physiology Lab</td>
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<td>EMS 2200</td>
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<tr>
<td>EMS 2400</td>
<td>Paramedic Training III (ALPP)</td>
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EMS 2500  Paramedic Training IV (ALPP)  8
EMS 2600  Paramedic Training V (ALPP)  12

Graduation Requirements
1. Complete a minimum of 64 college-level credits (1000 and above).
2. Grade C or higher in each Program Requirement and Discipline Core Requirement course.
3. Cumulative GPA 2.0 or higher.
4. Complete at least 20 hours of lower division credit from DSU for institutional residency.

Graduation Plan

1st Year
Fall Semester
MATH 0980  Transitional Math IIB (if needed)  Hours
Completion of EMT Certificate
Spring Semester
BIOL 2320  Human Anatomy
& BIOL 2325  Human Anatomy Lab
ENGL 1010  Introduction to Writing (EN)
General Education (Mathematics) MATH 1040 recommended (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  Hours
2nd Year
Fall Semester
BIOL 2420  Human Physiology
& BIOL 2425  Human Physiology Lab
ENGL 2010  Interm Writing Selected Topics: (EN)
COMM 2110  Interpersonal Communication (SS, GC)  Hours
Spring Semester
EMS 2200  Paramedic Training I (ALPP)
EMS 2300  Paramedic Training II (ALPP)  Hours
Summer Semester
EMS 2400  Paramedic Training III (ALPP)
EMS 2500  Paramedic Training IV (ALPP)  Hours
3rd Year
Fall Semester
EMS 2600  Paramedic Training V (ALPP)  Hours
Total Hours

Emergency Medical Services Program Learning Outcomes
At the successful conclusion of this program, students will be able to:
1. Demonstrate ability to perform an appropriate primary/initial assessment of the ill or injured patient in the prehospital setting.
2. Complete an appropriate secondary/focused history and physical exam in the pre-hospital setting.
3. Formulate an appropriate treatment plan to include administration of IV fluids and/or pharmacological medications as needed.
4. Demonstrate appropriate solutions to ethical situations in the prehospital setting.
5. Analyze the basic pharmacological background and actions of drugs, regulations, human body systems, pharmacokinetics, and drug calculations.