BACHELOR OF SCIENCE IN EMERGENCY HEALTH SCIENCES

Paramedics who have earned a paramedic certificate may choose to continue their education to earn a Bachelor of Science degree in Emergency Health Sciences (EHS) offered by the Department of Emergency Health Sciences. This degree is only offered as an online program. The baccalaureate degree offers additional opportunities in the field of out-of-hospital emergency health care in administration, teaching, or advanced level practice.

The objective of the baccalaureate program is to broaden the knowledge base and professional skills of emergency medical services (EMS) professionals who wish to pursue a degree that will help enable them to fulfill an advanced leadership role within the community. Additionally it will help provide them with an enhanced capability to facilitate in the delivery of EMS and emergency/community health services. The EHS degree provides graduates an opportunity to gain the knowledge and skills necessary to assume positions of responsibility in the Emergency Medical Services profession to political entities, educational institutions, and private enterprises. Generally, the EHS degree program provides graduates with information on how to manage and direct EMS organizations, deliver educational and regulatory information to varied communities of interest and students. Additionally it may satisfy disaster management/planning requirements for municipalities as emergency managers.

All of the Emergency Health Sciences degrees help the graduate assume broader positions of responsibility in a variety of health care, research, business, community/educational settings, and to adapt to new rules precipitated by a changing health care delivery environment.

Admissions Requirements

Interested applicants should consult the department website for the most current modifications to these requirements, deadlines, and upcoming programs.

All applicants must meet the basic requirements for admission to the Department of Emergency Health Sciences, including a criminal background check upon acceptance. Admission to any EHS program does not guarantee eligibility for the National Registry of Emergency Medical Technicians or certification by Texas Department of State Health Services.

All application materials must be received by the Office of the University Registrar by the application deadlines listed below. Applicants are encouraged to seek advisement from the School of Health Professions Office of Admissions and Special Programs.

Application Deadlines:
For B.S. in EHS Program:

June 1 for August enrollment (Fall semester, preferred)
November 1 for January enrollment (Spring semester)
April 1 for May enrollment (Summer semester)

Applications for certificate and degree programs are reviewed as they are received.

The B.S. in EHS is a degree completion program and the Health Science Center does not offer general education courses. Texas Core Curriculum courses must be obtained from other regionally accredited institutions.

Students are allowed to co-enroll in the program while working to complete Texas Core requirements but must have 70% of core complete including one English, Math and Science course for acceptance. Students must have all Texas Core courses completed no later than their enrollment for the final semester in the B.S. in EHS program.

- English Composition I & II, 6 semester credit hours
- U.S. History I and U.S. History II, 6 semester credit hours
- Texas State & Local Government & U.S Government, 6 semester credit hours
- Any Philosophy, Humanities, or Literature course, 3 semester credit hours
- Any Creative Arts course in Art, Music, or Drama, 3 semester credit hours
- Any Social/Behavioral Science, 3 semester credit hours
- College Algebra or higher, 3 semester credit hours
- Any 3 Science courses with Lab, 12 semester credit hours

Additional Admission Requirements for the B.S. in EHS:

- Current EMT-Paramedic Certification
- Overall GPA of 2.0 (on a 4.0 scale)
- Completion of the Texas Common Application
- Submission of official transcripts from each college and university currently or previously attended. Applicants who are enrolled in college courses at the time of application should submit an official transcript showing courses in progress. An updated transcript must be submitted upon completion of the courses. Note: Transfer credits indicated on another school’s transcript are not accepted in lieu of submitting the original institution record for that coursework. Transcripts from institutions outside the United States must be submitted in the original language and must be accompanied by a NACES Members evaluation agency English translation.
- International Applicants only: Submit Test of English as a Foreign Language (TOEFL) scores

Degree Requirements

The Bachelor of Science in Emergency Health Sciences curriculum consists of 124 semester credit hours, including the Texas Core Curriculum, an EMT-Paramedic certificate (minimum of 30 semester credit hours) and 52 semester credit hours of advanced courses completed online through the Health Science Center (the bachelor’s degree program is designed to meet individual students’ educational and career goals). Therefore, in consultation with the program director, the student may create an individualized curriculum of at least 52 semester credit hours in order to graduate.

The Paramedic certificate may be completed at other approved EMS education and training programs/facilities. Texas Core Curriculum courses must be completed at another regionally accredited college or university (see Admission Requirements for specific pre-requisites).

The Bachelor of Science degree is awarded upon the satisfactory completion of prescribed academic programs, recommendation of the Emergency Health Sciences faculty and certification of the candidate.
by the Dean and President to the Board of Regents. A candidate for 
graduation must have completed all courses at a satisfactory level and 
earned a minimum cumulative GPA of 2.0 in the program. Completion 
of the total unit requirement with passing grades does not necessarily 
assure candidates a recommendation for graduation.

**Plan of Study (online program)**

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<th>Course Title</th>
<th>Credits</th>
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<td>Foundations of Emergency Health Sciences</td>
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<td>EMSP 3004</td>
<td>Pharmacology 1 for EMS Providers</td>
<td>3</td>
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<td>EMSP 3006</td>
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<td>EMSP 3013</td>
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<td>EMSP 3031</td>
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<td>EMSP 3041</td>
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<td>EMSP 4001</td>
<td>Physical Examination and History Taking</td>
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<td>EMSP 4002</td>
<td>Pathophysiology for EMS Providers</td>
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<td>EMSP 4003</td>
<td>Flight Medicine</td>
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<td>EMSP 4004</td>
<td>Management of Disasters and Hazard Materials</td>
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<td>EMSP 4006</td>
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<td>EMSP 4007</td>
<td>Human Resource Development</td>
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<td>EMSP 4008</td>
<td>Leadership Development</td>
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<td>EMSP 4011</td>
<td>Contemporary Ethical Dilemmas</td>
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<td>EMSP 3014</td>
<td>Interprofessional Health Care Teams</td>
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<td>EMSP 3015</td>
<td>Multicultural Health</td>
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<td>EMSP 4023</td>
<td>Mobile Integrated Healthcare Paramedic</td>
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<td>EMSP 4012</td>
<td>Pharmacology 2 for EMS Providers</td>
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<td>EMSP 4021</td>
<td>Internship</td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
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<td><strong>65-68</strong></td>
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**Objectives/Program Outcomes**

Students graduating from the Department of Emergency Health Sciences 
program must meet the essential function requirements of the academic 
program and profession. The program consists of academic study and 
clinical experience. The student will possess the skills and attributes 
necessary to perform as a professional before graduation from the 
program.

Students who graduate from the Emergency Health Sciences programs 
will be able to:

- communicate effectively, think critically, and assimilate into their 
  community successfully
- demonstrate personal behaviors and attitudes consistent with and 
  appropriate to the delivery of out-of-hospital emergency medical care
- meet the community’s need for advanced life support personnel in a 
  variety of settings
- work in various occupational settings relating to emergency health 
  services
- understand theoretical foundations of the profession, and
- synthesize knowledge from the basic sciences, social sciences, 
  humanities, and pre-hospital emergency science to conceptualize and 
  resolve patient and health care delivery problems

**Program Costs**

In addition to required tuition and fees, there are costs for textbooks, 
scrubs, and equipment. There are also costs for criminal background 
checks, immunization, and drug screens (if required by clinical facilities). 
The full-time clinical fieldwork experiences included in the curriculum 
may require that students relocate and/or travel outside of San Antonio 
for the duration of the rotations. Fieldwork expenses will vary according 
to individual arrangements depending on the cost of travel, temporary 
housing, maintenance of local accommodations, etc. Students are 
encouraged to budget for major expenditures that could be associated 
with these assignments. Detailed information about program costs can 
be found on the Department of Emergency Health Sciences website.