

Emergency Medical Services and Management (EMSM)

Bachelor of Science

Emergency Medical Services includes paramedics, advanced emergency medical technicians, emergency medical technicians, and emergency medical responders who collaborate with physicians to optimize acute care of the sick and injured. Emergency medicine encompasses the prevention, treatment, and transport of the sick and injured. This program includes formal instruction in areas such as injury/illness prevention, assessment of injury/illness, and the management of incidents and Emergency Medical Services. Classroom learning is enhanced through clinical educational experiences with the opportunity to become an Emergency Medical Technician after successful completion of specific courses.

In this program you will participate in scenario based simulations that will provide exceptional training and require use of management and medical skills. The program is designed for the students to have a unique opportunity to learn in an interdisciplinary environment that will prepare the student to integrate care with other health care professionals. The EMSM program will prepare the student for diverse careers in emergency medical services and relevant allied health areas, engage and prepare the student in management and leadership opportunities in a variety of settings, provide students with clinical and practical experience within their scope of practice, and prepare students for delivery of patient centered care across life spans and diverse cultures. With a strong foundation in human biological sciences and evidence based paramedic care, students will be able to understand pathophysiology of diseases.

EMSM Requirements:

- General Education Requirements
- Bachelor of Science Requirements
- Pre-EMSM Requirements
- Major Requirements
- Program Policies

Total Credit Hours | 120

General Education Requirements

See details in the General Education section of the catalog.

Bachelor of Science Requirements

6-8 additional hours in math or science, not duplicating core coursework, taken from:

Prefix	Course Number
BIO	101, 102, 105, 114, 115, 121, 122
CHM	101, 111
MAT	111, 112, 116, 117, 215, 220, 227
PHY	101, 111, 112
SCI	211

Pre-EMSM Requirements

If not taken as part of the general education or BS degree requirements, students are required to take the following courses:

Class Name	Credit Hours
BIO 105 Medical Terminology	3 credit hours
BIO 255 Nutrition, Health and Wellness	3 credit hours
BIO 271 Human Anatomy/Physiology I	4 credit hours
BIO 272 Human Anatomy/Physiology II	4 credit hours
CHM 111 General Chemistry I	4 credit hours
MAT 112 College Algebra	3 credit hours
PSY 201 Human Growth and Development	3 credit hours
REL 225 Issues in Ethics	3 credit hours
SOC 236 Principles of Sociology	3 credit hours

Major Requirements | 65 Credit Hours

Class Name	Credit Hours
EMS 250 Intro to Basic EMT	3 credit hours
EMS 251 Medical Emergencies	3 credit hours
EMS 252 Airway Management for EMT Basic	2 credit hours
EMS 253 Clinical Practicum for EMT Basic	1 credit hour
EMS 254 Trauma Emergencies	3 credit hours
EMS 260 EMS Operations	2 credit hours
EMS 300 Intro to EMS	1 credit hour
EMS 301 Pharmacology	4 credit hours
EMS 302 Advanced Airway Management	2 credit hours
EMS 303 Cardiology 1	2 credit hours
EMS 305 EMS Clinical Practicum 1	3 credit hours
EMS 321 Trauma Emergencies	2 credit hours
EMS 322 Cardiology II	3 credit hours
EMS 323 Medical Emergencies	4 credit hours
EMS 324 Patients with Special Challenges	2 credit hours
EMS 325 EMS Clinical Practicum 2	3 credit hours
EMS 331 Life Span Emergencies	3 credit hours
EMS 335 Clinical Practicum 3	3 credit hours
EMS 336 Clinical Practicum 4	4 credit hours
EMS 448 Comprehensive Review and Exams	2 credit hours
EMS 499 EMS Capstone	1 credit hour
EMS 460 EMS Finance and Managed Healthcare	3 credit hours
EMS 461 EMS Administration	3 credit hours
EMS 462 Law and Legal Issues	3 credit hours
EMS 468 EMSM Senior Research	3 credit hours

Program Policies

Admission to the Program

Students who are accepted to Lees-McRae College and select the EMSM program as their major are not automatically accepted into the EMSM program. Additional requirements must be met during the sophomore year for entry into the program. Requirements for entering the EMSM program include:

- Minimum of 2.5 GPA earned in your freshman and sophomore years.
- Earned grades of "C+" or better in all college-level science and math courses
- Letter of intent
- Three letters of recommendation prior to the beginning EMS 300-level courses
- Interview

Associated Costs

The EMSM program makes every effort to keep additional costs to the students to a minimum. However, there are certain costs that students should expect. These may include:

- Criminal background checks
- Drug testing
- Liability Insurance
- Immunizations
- Transportation
- Uniform requirements not included in course fee

Transfer Student Policy

A transfer student with sufficient core requirements and/or their EMT-B certificate may be admitted to the Lees-McRae College EMSM program on a case-by-case basis at the discretion of the Director of the EMSM program.

Retention Policy

Once a student is formally accepted into the EMSM program, they must maintain the following:

- Minimum GPA of 2.6 on a 4.0 scale.
- A grade of C+ or better in all major coursework.
- Current American Heart Health Care Provider CPR certification. A current copy of CPR card must be on file in the Director's office each year.
- Abide by published EMSM program policies

Emergency Medical Services and Management (EMSM)

Minor

The emergency medical services and management minor requires 19 credit hours beyond general education and degree requirements and includes the following:

Required Classes | 20 Credit Hours

Class Name	Credit Hours
BIO 105 Medical Terminology	3 credit hours
EMS 250 Intro to Basic EMT	3 credit hours
EMS 251 Medical Emergencies	3 credit hours
EMS 252 Airway Management for EMT Basic	2 credit hours
EMS 253 Clinical Practicum for EMT Basic	1 credit hour
EMS Trauma Emergencies	3 credit hours
EMS 260 EMS Operations	2 credit hours
EMS 462 Law and Legal Issues	3 credit hours