

Major Course Requirements

A minimum of 86 hours (at least 32 upper-division hours)

► **Required Core Courses (48 hours):**

EMER 104+105	Emergency Medical Technician I,II	5+6
EMER 155	Introduction to Emergency Management	3
EMER 180	Fundamentals of Technical Rescue I	3
EMER 225	Public Health for EMS	3
EMER 255	Emergency Scene Management	3
EMER 273	Emergency Medical Practicum	2
EMER 355	Disaster Management	3
EMER 380	Search and Rescue	2
EMER 491	Emergency Services Capstone	2

► **Transfer credit for Public Safety ~ Paramedic (45 hours):**

► **Required Cognate Courses (38 hours):**

INFS 240	Introduction to GIS	2
MGMT 465	Organizational Behavior	3
PSYC 260	Death and Dying	4
SPAN 105	Spanish for Healthcare I	3

At least one of the following courses: 3

COMM 328	Small Group Communication (3)	
COMM 329	Organizational Communication (3)	
COMM 330	Intercultural Communication (3)	

At least one of the following courses: 3-4

MGMT 361	Management (4)	
MGMT 370	Healthcare Management (3)	

At least three of the following courses: 9-12

Additional ANTH, PSYC, or SOCI courses in consultation with the advisor.

At least one of the following options: 10-15

BIOL 101+102	Human Anatomy+Physiology (5+5)	
BIOL 112+111+113	Biological Foundations II,I,III (5+5+5)	

Recommended Elective:

NURS 212	Pharmacology (3)	
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Student Learning Outcomes

- Apply medical knowledge to direct proper patient care employing skills appropriate to the scope and practice of an EMT-P.
- Utilize critical thinking skills and rescue techniques to manage emergency response resources.
- Exhibit effective leadership and management skills.
- Facilitate techniques to manage stress.
- Determine the needs of a diverse community and recommend a system to provide emergency services in spite of potential socioeconomic and language barriers.
- Analyze and integrate valid, reliable, and ethical research.

Occupational Information

What can I do with this major?

The paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is a link from the scene into the health care system.

Additional Education Required?

This option allows the student to complete three years at PUC following the curriculum for a BS in Emergency Management. During the fourth year the student would complete their paramedic training at a CAAHEP (Commission on Accreditation of Allied Health Education Program) accredited program. Students may take the paramedic training at any accredited program.

Students complete this emphasis by submitting a copy of their National Registry Paramedic Certificate as well as an official transcript from a CAAHEP accredited institution for paramedic training. Students who complete the paramedic portion of the program after the junior year at PUC may meet the residency requirement for graduation during the junior year. Forty-five hours are accepted for the paramedic program; the upper-division hours in EMER and UD cognates, plus the paramedic coursework will satisfy the PUC upper-division requirement.

Students who complete their paramedic coursework at a medical center instead of a regionally accredited college will be granted 45 hours with a grade of “Satisfactory” if they can provide an official letter of completion from the program director of the CAAHEP accredited program, along with a copy of the National Registry Paramedic Certificate. The paramedic program must be completed within two years of completing the EMER core requirements.

Job Outlook

Statistics supplied by the United States Department of Labor indicates that employment of paramedics is expected to grow by 7% through 2028.

Earnings

A survey of California wages shows paramedics receiving \$39,000 - \$62,500 annually plus benefits. Wages for firefighter/paramedics and flight paramedics are substantially higher. The average base salary for a firefighter/paramedic in California is \$78,350.

General Education Requirements

To view general education requirements for this major, please refer to page A-01, Summary of General Education Requirements: B.S. Degree.

How to Construct Your Own Program

1. Counsel with your advisor.
2. Consider your aptitudes, interests, and available courses.
3. Schedule major courses and cognates first.
4. Fill the rest of your schedule with G.E. requirements.
5. For the freshman year include English, Religion, and PE courses. Also include Basic Algebra I+II unless waived by previous work.

What the Degree Includes

- A total of 192 quarter hours including:
1. A minimum of 60 upper division hours.
 2. General Education requirements.
 3. Major requirements.
 4. Minimum 2.0 GPA, overall and major.

For More Information

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Recommended Courses

Recommended Cognate Courses:
 (For students in a pre-professional program)

CHEM 111+12+13	General Chemistry I,II,III (5+5+5)
CHEM 371+72+73	Organic Chemistry I,II,III (4+4+4)
PHYS 111+12+13	General Physics I,II,III (4+4+4)

Sample Four-Year Program

This sample curriculum is designed to show you how a program may be constructed and to help you select a proper sequence of courses in the major. It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies.

First Year	F	W	S
Introduction to Emergency Management	3	-	-
Emergency Medical Tech I,II	5	6	-
Fundamentals of Technical Rescue I	-	-	3
Human Anatomy	5	-	-
Human Physiology	-	5	-
Medical Terminology	-	-	2
General Education/Electives	3	5	11
	16	16	16

Second Year	F	W	S
Emergency Vehicle Operations	2	-	-
Public Health	-	3	-
Emergency Scene Management	-	-	3
Fundamentals of Technical Rescue II	-	-	3
American Social Problems	4	-	-
Spanish for Healthcare I	-	3	-
Assertive Behavior	2	-	-
Death and Dying	-	4	-
Assessment Seminar	-	-	0.1
General Education/Electives	8	5	10.5
	16	16	16.6

Third Year	F	W	S
Search and Rescue	2	-	-
Disaster Management	-	3	-
Management or Healthcare Management	3-4	-	-
Organizational Behavior	-	3	-
Cultural Diversity	-	-	3
Communication Cognate	3	-	-
Emergency Services Health Ed Practicum	-	1	-
General Education/Electives	7	9	13
	≤16	16	16

Fourth Year	F	W	S
Transfer credit for PS ~ Paramedic, FS, etc.	16	16	13
Emergency Services Capstone	-	-	2
Senior Assessment Seminar	-	-	0.2
	16	16	16.2