

# Emergency Services

## Emergency Services

The Emergency Services department is in the [College of Health and Public Services](#). To find the most up-to-date information, including Program Learning Outcomes for degree programs offered by the Emergency Services department, visit their website.

[Emergency Services department](#)

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### FACULTY

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**BROOME, Rodger** *Associate Professor*

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**LINDQUIST, Chris** *Assistant Professor*

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**MITTELMAN, Margaret A.** *Professor*

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**RUSSELL, Eric James** *Associate Professor*

## Degrees & Programs

### Emergency Services - Fire Officer Emphasis, A.A.S.

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#### Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

#### Total Program Credits: 63

General Education Requirements:		16 Credits
	<a href="#">ENGL 1010</a> Introduction to Academic Writing CC	3
or	<a href="#">ENGL 1005</a> Literacies and Composition Across Contexts CC (5)	
Complete one of the following:		3
	<a href="#">ESFO 1350</a> Fire Protection Hydraulics and Water Supply (3)	
	<a href="#">MAT 1010</a> Intermediate Algebra (4)	
	<a href="#">MAT 1015</a> Intermediate Algebra with Integrated Review (5)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course ( <a href="#">COMM 1020</a> and <a href="#">COMM 1025</a> Recommended)	3

Any approved Behavioral Science, Social, or Political Science Distribution Course ( <a href="#">PSY 1010</a> or <a href="#">SOC 1010</a> Recommended)		3
Any approved Biology or Physical Science Distribution Course		3
Any approved Physical Education, Health, Safety or Environment Course ( <a href="#">EXSC 1097</a> recommended)		1
Discipline Core Requirements:		16 Credits
<a href="#">ESFF 1000</a>	Introduction to Emergency Services	4
<a href="#">ESFF 2100</a>	Servant-Leadership for the Emergency Services	3
Complete one of the following:		9
<a href="#">ESEC 1140</a>	Emergency Medical Technician Basic	
<a href="#">ESEC 114A</a>	Emergency Medical Technician-Part I	
and <a href="#">ESEC 114B</a>	and Emergency Medical Technician-Part II	
and <a href="#">ESEC 114C</a>	and Emergency Medical Technician-Part III (9)	
Emphasis Requirements:		15 Credits
Choose 15 credits from the following:		15
<a href="#">ESFO 1100</a>	Fire Behavior and Combustion (3)	
<a href="#">ESFO 1110</a>	Fire Prevention (3)	
<a href="#">ESFF 1120</a>	Principles of Fire and Emergency Services Safety and Survival (3)	
<a href="#">ESFO 1350</a>	Fire Protection Hydraulics and Water Supply (3)	
<a href="#">ESFO 2030</a>	Fire Inspector I (3)	
<a href="#">ESFO 2050</a>	Fire Protection and Detection Systems (3)	
<a href="#">ESFO 2080</a>	Building Construction for the Fire Services (3)	
<a href="#">ESFO 2100</a>	Fire Officer I Supervision and Leadership (3)	
<a href="#">ESFO 2310</a>	Fire Investigator I (3)	
Emphasis Elective Requirements:		16 Credits
Any Emergency Services or related advisor approved courses		16

#### Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

### Emergency Services - Fire Officer Emphasis, A.A.S. Careers

1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study.
2. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study.

#### Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists

## Emergency Services

- Forest Fire Inspectors and Prevention Specialists

### Emergency Services - Firefighter/Emergency Care Emphasis, A.A.S.

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#### Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

#### Total Program Credits: 63

General Education Requirements:		16 Credits
	<a href="#">ENGL 1010</a> Introduction to Academic Writing CC	3
or	<a href="#">ENGL 1005</a> Literacies and Composition Across Contexts CC (5.0)	
	<a href="#">ESFO 1350</a> Fire Protection Hydraulics and Water Supply (3.0)	3
or	<a href="#">MAT 1010</a> Intermediate Algebra (4.0)	
or	<a href="#">MAT 1000</a> Integrated Beginning and Intermediate Algebra (5.0)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course (COMM 1020 and COMM 1025 Recommended)	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course (PSY 1010 or <a href="#">SOC 1010</a> Recommended)	3
	Any approved Biology or Physical Science Distribution Course	3
	Any approved Physical Education, Health, Safety or Environment Course ( <a href="#">EXSC1097</a> recommended)	1
Discipline Core Requirements:		16 Credits
	<a href="#">ESFF 1000</a> Introduction to Emergency Services	4
	<a href="#">ESFF 2100</a> Servant-Leadership for the Emergency Services	3
	<a href="#">ESEC 1140</a> Emergency Medical Technician--Basic (9.0)	9
or	<a href="#">ESEC 114A</a> Emergency Medical Technician-Part I (3.0)	
and	<a href="#">ESEC 114B</a> Emergency Medical Technician-Part II (4.0)	
and	<a href="#">ESEC 114C</a> Emergency Medical Technician-Part III (2.0)	
Emphasis Requirements:		31 Credits
	Any ESEC, ESMG, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses	31

#### Graduation Requirements:

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

### Emergency Services - Firefighter/Emergency Care Emphasis, A.A.S. Careers

1. Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their area of study.

#### Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

### Emergency Services, A.S.

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#### Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

#### Total Program Credits: 60

General Education Requirements:		35 Credits
Complete the following:		
	<a href="#">ENGL 1010</a> Introduction to Academic Writing CC	3
or	<a href="#">ENGL 1005</a> Literacies and Composition Across Contexts CC	
	<a href="#">ENGL 2010</a> Intermediate Academic Writing CC	3
Complete one of the following:		3
	<a href="#">MAT 1030</a> Quantitative Reasoning QL (3) (recommended for Humanities or Arts majors)	
	<a href="#">MAT 1035</a> Quantitative Reasoning with Integrated Algebra QL	
	<a href="#">STAT 1040</a> Introduction to Statistics QL (3) (recommended for Social Science majors)	
	<a href="#">STAT 1045</a> Introduction to Statistics with Algebra QL (5)	
	<a href="#">MATH 1050</a> College Algebra QL (4) (recommended for Business, Education, Science, and Health Professions majors)	
	<a href="#">MATH 1055</a> College Algebra with Preliminaries QL (5)	
	<a href="#">MATH 1090</a> College Algebra for Business QL (3) (recommended for Business majors)	
Complete one of the following:		3
	<a href="#">HIST 2700</a> US History to 1877 AS (3)	
and	<a href="#">HIST 2710</a> US History since 1877 AS (6)	
	<a href="#">HIST 1700</a> American Civilization AS (3)	
	<a href="#">HIST 1740</a> US Economic History AS (3)	
	<a href="#">POLS 1000</a> American Heritage SS (3)	
	<a href="#">POLS 1100</a> American National Government AS (3)	
Complete the following:		

	<b>PHIL 2050</b>	Ethics and Values IH	3
	<b>HLTH 1100</b>	Personal Health and Wellness TE (2)	
or	<b>EXSC 1097</b>	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities Distribution		3
	Fine Arts Distribution		3
	Social/Behavioral Science		3
Discipline Core Requirements:			25 Credits
	<b>ESFF 1000</b>	Introduction to Emergency Services <sup>or</sup> sufficient emergency services work experience	4
Complete one of the following:			
	<b>ESFF 2100</b>	Servant-Leadership for the Emergency Services	3
	Any Emergency Services advisor approved courses		18

**Graduation Requirements:**

1. Completion of a minimum of 60 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

### Emergency Services, A.S. Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students will pursue a bachelor's degree after completion of associate's degree.

**Related Careers**

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

### Wildland Fire Management, A.A.S.

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**Requirements**

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Wildland Firefighting, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

**Total Program Credits: 63**

General Education Requirements:			16 Credits
	<b>ENGL 1010</b>	Introduction to Academic Writing CC	3
or	<b>ENGL 1005</b>	Literacies and Composition Across Contexts CC	

	ESFO 1350	Fire Protection Hydraulics and Water Supply (3)	3
or	MAT 1010	Intermediate Algebra (4)	
or	MAT 1015	Intermediate Algebra with Integrated Review (5)	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course		3
	Any approved Behavioral Science, Social, or Political Science Distribution Course		3
	Any approved Biology or Physical Science Distribution Course		3
	Any approved Physical Education, Health, Safety or Environment Course		1
Discipline Core Requirements:			6 Credits
	ESWF 1310	S131 Wildland Firefighter Type I	0.5
	ESWF 1330	Look Up Look Down Look Around	0.5
	ESWF 1400	Wildland Firefighting Fundamentals	4
	ESWF 2010	Basic Incident Command System for Initial Response	1
Elective Requirements:			41 Credits
	Choose 12 credits from the following course list.		12
	ESWF 1410	Wildland Firefighter Internship I (5)	
	ESWF 1420	Wildland Firefighter Internship II (5)	
	ESWF 2000	S200 Initial Attack Incident Commander Type IV (1)	
	ESWF 2110	S211 Portable Pumps and Water Use (1.5)	
	ESWF 2150	S215 Fire Operations in the Wildland Urban Interface (2)	
	ESWF 2212	S212 Chain Saw Use in Wildland Fire Operations (2)	
	ESWF 2231	S231 Wildland Fire Engine Boss (1)	
	ESWF 2236	S236 Heavy Equipment Boss (2)	
	ESWF 2301	S230 Crew Boss Single Resource (2)	
	ESWF 2244	S244 Field Observer (2)	
	ESWF 2261	S261 Applied Interagency Incident Business Management (1)	
	ESWF 2340	Firing Operations (2)	
	ESWF 2430	Wildland Firefighter Internship III (5)	
	ESWF 2600	S260 Interagency Incident Business Management (1)	
	ESWF 2700	S270 Basic Air Operations (1)	
	ESWF 2800	L280 Followership to Leadership (1)	
	ESWF 2900	S290 Intermediate Wildland Fire Behavior (2)	
	Choose Any ESWF, ESMG, ESEC, or ESFF courses		29

**Graduation Requirements:**

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Completion of all core and elective courses with a C- grade or higher.
4. Residency hours -- minimum of 20 credit hours earned through course attendance at UVU.

## Emergency Services

5. Completion of GE and specified departmental requirements.

### Wildland Fire Management, A.A.S.

#### Careers

1. Recognize measures that minimize fire-related threats to life and property.
2. Recognize the differences between the Single Resource Boss and Incident Commander.
3. Recognize the need to apply the Incident Command System (ICS) in various situations.
4. Discernment of proper communication with crews in pre-incident conditions and needs, current fire situations, and post incident debriefs.
5. Understanding of the tasks of an Ignition Specialist Type II and Single Resource Boss.
6. Awareness of the knowledge and skills to perform the tasks of the positions in the Incident Command System (ICS).

#### Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

### Firefighter Recruit Candidate, Certificate of Completion

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#### Requirements

Our degree provides our students with the knowledge, skills, and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills, and abilities to advance in their careers.

#### Total Program Credits: 32

Matriculation Requirements:			
<ol style="list-style-type: none"><li>1. Must be admitted to UVU</li><li>2. Complete pre-requisites of ESFF 1000 and ESFF 1120 with a grade of C- or higher</li><li>3. Be NREMT certified or complete an EMT course through UVU or another recognized agency/institution</li><li>4. Demonstrate competency in English and Math (by one of the following: ACT, SAT, High School Transcript, College Level courses, degrees, and/or RCA entrance exam.)</li><li>5. Be at least 18 years of age before class starts</li><li>6. Have any valid form of Government Issue Photo Identification (Driver's license, State ID or Passport)</li><li>7. Complete online application found at <a href="http://www.uvu.edu/es/rca">www.uvu.edu/es/rca</a></li></ol>			
Discipline Core Requirements:			32 Credits
Complete the following:			
	ESFF 1120	Principles of Fire and Emergency Services Safety and Survival	3
	ESFF 250A	Firefighter Recruit Candidate Academy I	8
	ESFF 250B	Firefighter Recruit Candidate Academy II	8
	ESEC 1140	Emergency Medical Technician Basic	9
	ESFF 1000	Introduction to Emergency Services	4

#### Graduation Requirements:

1. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a C- or higher.
2. Completion of a minimum of 32 credits.
3. Residency hours -- Minimum of 10 credits required through course attendance at UVU.

Note: CERTIFICATION: Upon completion of courses for the Basic Recruit Certificate, students are eligible to apply for certification at the Firefighter I, Firefighter II, Hazardous Materials First Responder-Awareness and Hazardous Materials First Responder-Operations levels through the Utah Fire Science Certification System. Students are also eligible for certification at the Emergency Medical Technician-Basic level through the Utah Bureau of Emergency Medical Services.

### Firefighter Recruit Candidate, Certificate of Completion

1. The student will demonstrate essential job performance functions to successfully accomplish State Firefighter and Hazmat Certification skills requirements.
2. The student will analyze, organize, and interpret the vast amount of information necessary to successfully accomplish State Firefighter and Hazmat Certification written examination requirements.
3. The student will demonstrate appropriate interpersonal and team related skills necessary to be successful as a team member of a response organization.
4. The student will demonstrate the necessary skills and attitudes to prepare for a career in the Fire Service academically, physically and practically.
5. The student will train in a disciplined, stressful, realistic, and team-oriented environment, where they will develop the skills used on the fireground and in the firehouse.
6. The student will learn to apply the principles of personal responsibility related to taking ownership of their own performance as well as the performance of the team.
7. The student will define the meaning of success or failure as a team.

#### Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

### Paramedic, Certificate of Completion

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#### Requirements

Our degree provides our students with the knowledge, skills and abilities to assist them in obtaining a job in Emergency Services, or if already employed, to give them the knowledge, skills and abilities to advance in their careers.

#### Total Program Credits: 31

Matriculation Requirements:	
<ol style="list-style-type: none"><li>1. Complete Anatomy and Physiology (transfer credit accepted) with a grade of C or higher: ZOOL 1090 (requires BIOL 1010 as a pre-req) or ZOOL 2320 and 2420 with labs (requires BIOL 1610 and CHEM 1110 as pre-req).</li><li>2. Meet the English requirement: Completion of ENGL 1010 or ENGL 1005 with a grade of C or higher, (Completion of ENGL 2010 highly recommended).</li></ol>	



3. Meet the Math requirement: Completion of MAT 1000 or higher with a grade of C or higher. (Completion of QL Requirement highly recommended).
4. Possess a current Utah EMT certification (Must remain valid throughout program and until you receive your paramedic license).
5. Have current CPR certification.
6. Successful completion of criminal background requirements (UVU and State of Utah Bureau of Emergency Medical Services).
7. Be at least 18 years old and have a valid driver's license.
8. Have current vaccinations as required by Utah Bureau of EMS. (Additional vaccinations may be required for clinical site internships)
9. Have current TB test results as required by Utah Bureau of EMS.
10. Obtain a current physical examination supporting entrance into the Paramedic Program.
11. Complete UVU paramedic application process, including written testing, oral interview, passing of background and drug screening, and be accepted to the program.

Discipline Core Requirements:		31 Credits
ESEC 3210	Paramedic I-Operations	3
ESEC 3220	Paramedic II-Cardiac and Respiratory Patient Care	3
ESEC 3225	Paramedic II Lab-Cardiac and Respiratory Emergencies	1
ESEC 3230	Paramedic III-Trauma Patient Care	3
ESEC 3235	Paramedic III Lab-Trauma Emergencies	1
ESEC 3240	Paramedic IV-Medical and Geriatric Patient Care	3
ESEC 3245	Paramedic IV Lab-Medical Emergencies	1
ESEC 3250	Paramedic V-Obstetric and Pediatric Patient Care	3
ESEC 3255	Paramedic V Lab-Obstetric and Pediatric Emergencies	1
ESEC 4210	Paramedic VI-Research	2
ESEC 4220	Paramedic VII-Clinical Internship Hospital and Field Phase I and II	4
ESEC 4230	Paramedic VIII-Practical Preparation and Testing	3
ESEC 4240	Paramedic Capstone	3

#### **Graduation Requirements:**

1. Overall grade point average of 2.0 or above. (Departments may require a higher GPA)
2. Program GPA of 2.7 or higher, with all program required course grades earned as a C or higher.
3. Completion of a minimum of 31 credits.
4. Residency hours -- Minimum of 10 credits required through course attendance at UVU.
5. Upon completion of the program requirements and recommendations from the Medical Director, Program Director and Utah Bureau of Emergency Services COurse Coordinator, students are eligible to apply for Paramedic Licensure through the Utah Bureau of Emergency Emdical Services after completing certification testing requirements through the National Registry of EMTs.

## **Homeland Security, Minor**

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### **Requirements**

The Minor in Homeland Security is an interdisciplinary learning opportunity for fostering the knowledge, skills, and abilities associated with public and private positions relating to homeland security. The program is structured for students across different academic disciplines desiring a richer understanding, as well as an academic credential, specific to homeland security. The purpose of the minor is to broaden the learner's understanding of homeland security so as to complement their chosen field of study such as criminal justice, emergency management, emergency services, and national security studies or take a combination of classes in any or all of the four areas. Those choosing to pursue this minor will grow in their critical thinking and decision-making skillset. In addition, the program hones the learner's ability to communicate through the written word, function and produce deliverables within a virtual/remote environment, discover pertinent usable intelligence within large amounts of data, and gist information for building succinct briefings..

### **Total Program Credits: 18**

Matriculation Requirements:			
1. Admitted to a bachelor degree program at UVU.			
Core Requirements:			6 Credits
ESMG 310G	Introduction to Homeland Security GI		3
ESMG 3710	Comparative Approaches to Homeland Security		3
Choose four (4) courses from the following electives: (at least 3 credits must be upper-division)			12
CJ 1010	Introduction to Criminal Justice SS		
CJ 2110	Security Management and Loss Prevention		
CJ 3340	Terrorism and the Criminal Justice System		
CJ 3400	Drugs and Crime		
ES 1150	Introduction to Emergency and Disaster Management SS		
ES 2130	Terrorism and the Emergency Services		
ESMG 3400	Critical Infrastructure Protection		

## Emergency Services

	<a href="#">ESMG 4150</a>	Humanitarian Services and Disaster Relief	
	<a href="#">ESMG 4200</a>	Public Information and Disasters	
	<a href="#">ESMG 425G</a>	Humanitarian Management and Operations GI	
	<a href="#">ESMG 4550</a>	Emergency Preparedness and Disaster Response	
	<a href="#">NSS 2010</a>	Introduction to National Security WE	
	<a href="#">NSS 3050</a>	US Intelligence Community	
	<a href="#">NSS 4300</a>	Intelligence Cycle and Collections	
	<a href="#">NSS 4400</a>	Statecraft and Strategy	

### Homeland Security, Minor Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in homeland security. (Applies to ELO #1 Discipline-appropriate experiences and ELO #4 Professional competence.)
2. Students will use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions in the fields of homeland security. (Applies to ELO #2 Intellectual and practical skills and ELO #3 Ethical reasoning and understanding.)
3. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity and apply this knowledge to homeland security. (Applies to ELO #5 Stewardship of local, national and global communities and ELO #6 Knowledge of human cultures and the physical and natural.)

### Related Careers

- Emergency Management Directors
- Managers, All Other

## Emergency Services Administration - Emergency Care Emphasis, B.S.

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### Requirements

A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.

**Total Program Credits: 120**

General Education Requirements:			35 Credits
	<a href="#">ENGL 1010</a>	Introduction to Academic Writing CC	3
or	<a href="#">ENGH 1005</a>	Literacies and Composition Across Contexts CC (5)	
	<a href="#">ENGL 2010</a>	Intermediate Academic Writing CC	3
Complete one of the following:			3
	<a href="#">MAT 1030</a>	Quantitative Reasoning QL (3)	
	<a href="#">MAT 1035</a>	Quantitative Reasoning with Integrated Algebra QL (6)	
	<a href="#">STAT 1040</a>	Introduction to Statistics QL (3)	
	<a href="#">STAT 1045</a>	Introduction to Statistics with Algebra QL (5)	
	<a href="#">MATH 1050</a>	College Algebra QL (4)	
	<a href="#">MATH 1055</a>	College Algebra with Preliminaries QL (5)	
	<a href="#">MATH 1090</a>	College Algebra for Business QL (3)	
Complete one of the following:			3
	<a href="#">HIST 1700</a>	American Civilization AS (3)	
	<a href="#">HIST 2700</a>	US History to 1877 AS (3)	
and	<a href="#">HIST 2710</a>	US History since 1877 AS (3)	
	<a href="#">HIST 1740</a>	US Economic History AS (3)	
	<a href="#">POLS 1000</a>	American Heritage SS (3)	
	<a href="#">POLS 1100</a>	American National Government AS (3)	
Complete the following:			
	<a href="#">PHIL 2050</a>	Ethics and Values IH	3
	<a href="#">HLTH 1100</a>	Personal Health and Wellness TE (2)	
or	<a href="#">EXSC 1097</a>	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science ( <a href="#">ES 1150</a> Community Emergency Preparedness recommended)		3
Discipline Core Requirements:			18 Credits
	<a href="#">ESFF 2100</a>	Servant-Leadership for the Emergency Services	3
	<a href="#">ESMG 310G</a>	Introduction to Homeland Security GI	3
	<a href="#">ESMG 3150</a>	Principles of Management for the Emergency Services WE	3
	<a href="#">ESMG 3600</a>	Psychology of Emergency Services	3
	<a href="#">ESMG 4600</a>	Public Administration for the Emergency Services	3
	<a href="#">ESMG 4650</a>	Emergency Services Capstone WE	3
Elective Requirements:			36 Credits
	Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS courses		12
	Any courses 1000 or higher		24
Emphasis Requirements:			31 Credits

Choose one of the following two options for 31 credits:	31
Must be accepted into Paramedic Certificate Program to take the following courses: <sup>1</sup>	
<a href="#">ESEC 3210</a> Paramedic I-Operations (3)	
<a href="#">ESEC 3220</a> Paramedic II-Cardiac and Respiratory Patient Care (3)	
<a href="#">ESEC 3225</a> Paramedic II Lab-Cardiac and Respiratory Emergencies (1)	
<a href="#">ESEC 3230</a> Paramedic III-Trauma Patient Care (3)	
<a href="#">ESEC 3235</a> Paramedic III Lab-Trauma Emergencies (1)	
<a href="#">ESEC 3240</a> Paramedic IV-Medical and Geriatric Patient Care (3)	
<a href="#">ESEC 3245</a> Paramedic IV Lab-Medical Emergencies (1)	
<a href="#">ESEC 3250</a> Paramedic V-Obstetric and Pediatric Patient Care (3)	
<a href="#">ESEC 3255</a> Paramedic V Lab-Obstetric and Pediatric Emergencies (1)	
<a href="#">ESEC 4210</a> Paramedic VI-Research (2)	
<a href="#">ESEC 4220</a> Paramedic VII-Clinical Internship Hospital and Field Phase I and II (4)	
<a href="#">ESEC 4230</a> Paramedic VIII-Practical Preparation and Testing (3)	
<a href="#">ESEC 4240</a> Paramedic Capstone (3)	
Paramedic transfer credit and certification must be accepted for this option:	
<a href="#">ESMG 481R</a> Emergency Services Internship (1-8) <sup>2</sup>	
<a href="#">ESMG 491R</a> Topics in Cardiology and Medical Trends (1-3) <sup>3</sup>	
<a href="#">ESMG 492R</a> Topics in Trauma and Pharmacology (1-3) <sup>4</sup>	
<a href="#">ESMG 493R</a> Topics in Medical Litigation (1-4) <sup>5</sup>	

**Graduation Requirements:**

1. Completion of a minimum of 120 semester credits.
2. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a "C-" or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

Footnotes:
1 - Consult current Paramedic Program Standards & Guidelines for GPA requirements to be recommended for National Registry Paramedic certification testing.
2-Repeatable for a maximum of 15 credits.
3-Repeatable for a maximum of 6 credits.
4-Repeatable for a maximum of 6 credits.
5-Repeatable for a maximum of 4 credits.

## Emergency Services Administration - Emergency Care Emphasis, B.S. Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions
3. Students will be able to communicate effectively orally and in writing.
4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.

**Related Careers**

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

## Emergency Services Administration - Emergency Leadership Emphasis, B.S.

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**Requirements**

A degree in emergency services prepares practicing and future emergency service professionals through a program that balances technical skills, critical and ethical thinking, leadership, and effective communication. The department's programs address multiple emergency service educational needs, from professional certifications to degrees.

**Total Program Credits: 120**

General Education Requirements:		35 Credits
<a href="#">ENGL 1010</a>	Introduction to Academic Writing CC	3
or <a href="#">ENGL 1005</a>	Literacies and Composition Across Contexts CC (5)	
<a href="#">ENGL 2010</a>	Intermediate Academic Writing CC	3
Complete one of the following:		3
<a href="#">MAT 1030</a>	Quantitative Reasoning QL (3)	
<a href="#">MAT 1035</a>	Quantitative Reasoning with Integrated Algebra QL (6)	
<a href="#">STAT 1040</a>	Introduction to Statistics QL (3)	
<a href="#">STAT 1045</a>	Introduction to Statistics with Algebra QL (5)	
<a href="#">MATH 1050</a>	College Algebra QL (4)	
<a href="#">MATH 1055</a>	College Algebra with Preliminaries QL (5)	
<a href="#">MATH 1090</a>	College Algebra for Business QL (3)	
Complete one of the following:		3
<a href="#">HIST 1700</a>	American Civilization AS (3)	
<a href="#">HIST 2700</a>	US History to 1877 AS (3)	
and <a href="#">HIST 2710</a>	US History since 1877 AS (3)	
<a href="#">HIST 1740</a>	US Economic History AS (3)	
<a href="#">POLS 1000</a>	American Heritage SS (3)	

## Emergency Services

	<b>POLS 1100</b>	American National Government AS (3)	
Complete the following:			
	<b>PHIL 2050</b>	Ethics and Values IH	3
	<b>HLTH 1100</b>	Personal Health and Wellness TE (2)	
or	<b>EXSC 1097</b>	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
	Physical Science		3
	Additional Biology or Physical Science		3
	Humanities		3
	Fine Arts		3
	Social/Behavioral Science ( <b>ES 1150</b> Community Emergency Preparedness recommended)		3
Discipline Core Requirements:			18 Credits
	<b>ESFF 2100</b>	Servant-Leadership for the Emergency Services	3
	<b>ESMG 310G</b>	Introduction to Homeland Security GI	3
	<b>ESMG 3150</b>	Principles of Management for the Emergency Services WE	3
	<b>ESMG 3600</b>	Psychology of Emergency Services	3
	<b>ESMG 4600</b>	Public Administration for the Emergency Services	3
	<b>ESMG 4650</b>	Emergency Services Capstone WE	3
Elective Requirements:			36 Credits
Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses			12
Any courses 1000 or higher			24
Emphasis Requirements:			31 Credits
Complete 25 credits from the following:			25
	<b>ESMG 3200</b>	Health and Safety Program Management (3)	
	<b>ESMG 3250</b>	Managing Emergency Medical Services (3)	
	<b>ESMG 3300</b>	Emergency and Disaster Planning (3)	
	<b>ESMG 3350</b>	Analytical Research Approaches to Public Emergency Services (3)	
	<b>ESMG 4000</b>	Advanced Emergency Services Leadership (4)	
	<b>ESMG 4400</b>	Legal Considerations for the Emergency Services (3)	
	<b>ESMG 445G</b>	Human Factors in Emergency Management GI (3)	
	<b>ESMG 4500</b>	Customer Service and Marketing for the Emergency Services (3)	
	<b>ESMG 489R</b>	Special Topics in Emergency Management (1-6) <sup>1</sup>	
Any ESEC, ESGM, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS courses			6

### Graduation Requirements:

1. Completion of a minimum of 120 semester credits.

2. Overall grade point average of 2.0 (C) or above, with completion of each Emergency Services class with a "C-" or higher.
3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.

### Footnote:

1-May be repeated for a maximum of 6 credits

## Emergency Services Administration - Emergency Leadership Emphasis, B.S. Careers

1. Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration.
2. Students use critical and creative thinking, skeptical inquiry, and problem solving in making ethical and good decisions.
3. Students will be able to communicate effectively.
4. Students will recognize, understand, and respect the complexity of socio-cultural and international diversity.

### Related Careers

- Firefighters
- Fire Inspectors and Investigators
- Forest Fire Inspectors and Prevention Specialists
- Forest Fire Inspectors and Prevention Specialists

## Emergency Services Administration - Emergency Management and Disaster Assistance Emphasis, B.S.

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### Requirements

The Emergency Management and Disaster Assistance emphasis is designed to meet the needs of students aspiring for a career in emergency management and/or disaster assistance at the local, regional, state, or national level.

### Total Program Credits: 120

General Education Requirements:			35 Credits
	<b>ENGL 1010</b>	Introduction to Academic Writing CC	3
or	<b>ENGL 1005</b>	Literacies and Composition Across Contexts CC (5)	
	<b>ENGL 2010</b>	Intermediate Academic Writing CC	3
Complete one of the following:			3
	<b>MAT 1030</b>	Quantitative Reasoning QL (3)	
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	<b>MATH 1050</b>	College Algebra QL (4)	
	<b>MATH 1055</b>	College Algebra with Preliminaries QL (5)	



	<a href="#">MATH 1090</a>	College Algebra for Business QL (3)	
Complete one of the following:			3
	<a href="#">HIST 1700</a>	American Civilization AS (3)	
	<a href="#">HIST 2700</a>	US History to 1877 AS (3)	
and	<a href="#">HIST 2710</a>	US History since 1877 AS (3)	
	<a href="#">HIST 1740</a>	US Economic History AS (3)	
	<a href="#">POLS 1000</a>	American Heritage SS (3)	
	<a href="#">POLS 1100</a>	American National Government AS (3)	
Complete the following:			
	<a href="#">PHIL 2050</a>	Ethics and Values IH	3
	<a href="#">HLTH 1100</a>	Personal Health and Wellness TE (2)	
or	<a href="#">EXSC 1097</a>	Fitness for Life TE	2
Distribution Courses:			
	Biology		3
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	Social/Behavioral Science ( <a href="#">ES 1150</a> Community Emergency Preparedness recommended)		3
Discipline Core Requirements:			18 Credits
	<a href="#">ESFF 2100</a>	Servant-Leadership for the Emergency Services	3
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	<a href="#">ESMG 3150</a>	Principles of Management for the Emergency Services WE	3
	<a href="#">ESMG 3600</a>	Psychology of Emergency Services	3
	<a href="#">ESMG 4600</a>	Public Administration for the Emergency Services	3
	<a href="#">ESMG 4650</a>	Emergency Services Capstone WE	3
Elective Requirements:			36 Credits
	Any ESEC, ESMG, ES, ESFO, ESFF, ESAF, CJ, NSS, FSCI, MILS, courses		12
	Any courses 1000 or higher		24
Emphasis Requirements:			31 Credits
Complete 25 credits from the following:			25
	<a href="#">ESMG 3300</a>	Emergency and Disaster Planning (3)	
	<a href="#">ESMG 3400</a>	Critical Infrastructure Protection (3)	
	<a href="#">ESMG 3710</a>	Comparative Approaches to Homeland Security (3)	
	<a href="#">ESMG 4150</a>	Humanitarian Services and Disaster Relief (3)	
	<a href="#">ESMG 4200</a>	Public Information and Disasters (3)	
	<a href="#">ESMG 425G</a>	Humanitarian Management and Operations GI (3)	
	<a href="#">ESMG 4300</a>	Disaster Recovery and Hazard Mitigation (3)	
	<a href="#">ESMG 445G</a>	Human Factors in Emergency Management GI (3)	

<a href="#">ESMG 4550</a>	Emergency Preparedness and Disaster Response (3)	
<a href="#">ESMG 481R</a>	Emergency Services Internship (1-6) <sup>1</sup>	
Any ESEC, ESMG, ES, ESFO, ESAF, CJ, NSS, FSCI, MILS courses		6

## Graduation Requirements:

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## Footnote:

<sup>1</sup>May be repeated for a maximum of 6 credits

## Emergency Services Administration - Emergency Management and Disaster Assistance Emphasis, B.S. Careers

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