

# A.S. in Emergency Management

This comprehensive program, rigorously based in the state of the art of pertinent academic and professional disciplines and skills, provides an all-hazards foundation of emergency management across the national preparedness cycle (from prevention to response and recovery) and including Defense Support of Civil Authorities (DSCA). Focused on leadership competencies, the program also provides foundations of emergency management administration and planning and related risk management and exercise processes; of the National Response Framework (NRF) and the Incident Command System (ICS); and of working with partners within the whole-community approach of ensuring resilience and preparedness for response. Based on their professional needs/aspirations, students will also choose one of several alternative "leadership focus area" courses from a multidisciplinary pool of courses.

The **Worldwide & Online Campus** program equips students with the competencies required to lead in the evolving all-hazards and whole-community context of emergency management across the military and civil sectors. In an evolving threat and hazard environment, military and civil leaders need comprehensive foundations to lead multi-disciplinary emergency management efforts across the national preparedness cycle, from prevention to recovery. The program is ideal for military service members with careers or career aspirations at the leadership level in emergency management across the all-hazards spectrum and involving civil-military relations in disaster response and recovery (such as Defense Support of Civil Authorities). Public and private sector members with emergency management responsibilities that involve civil-military interaction will also greatly benefit from the program.

Upon successful completion of the following courses, the student may apply for the Embry Riddle Emergency Management Leadership Certification: HLSC 110; HLSC 280; EMGY 310; EMGY 430; HLSC 360; leadership focus area course.

Students will also complete the Federal Emergency Management Agency (FEMA) | Emergency Management Institute Professional Development Series (PDS) embedded in their coursework. It provides a well-rounded set of fundamentals of the emergency management profession. Upon completion of the PDS, students will earn a professional certificate from FEMA.

## Program-Level Student Learning Outcomes

### Students will:

- Explain the administrative and technical requirements for disaster response and emergency management.
- Describe the all-hazards and whole-community approach to comprehensive emergency management.
- Illustrate the application of emergency management principles and procedures to the National Preparedness Cycle with a focus on response and recovery.
- Practice leadership in multi-stakeholder disaster management.
- Identify the components of the National Response Framework (NRF), the Incident Command System (ICS) and the Defense Support of Civil Authorities (DSCA) process.
- Conduct risk-based planning for emergency management and disaster response.

## Worldwide Program Requirements

|                                |           |
|--------------------------------|-----------|
| General Education Requirements | 36        |
| Core Requirements              | 21        |
| Leadership Focus Area          | 3         |
| <b>Total Credits</b>           | <b>60</b> |

## Program Details

The Associate of Science in Emergency Management requires successful completion of a minimum of 60 credit hours. Students enrolled in the Worldwide Undergraduate Online program may complete the degree in 10 terms, or approximately two years, assuming full-time enrollment and continuous progress. Students pursuing this undergraduate degree must earn a minimum cumulative grade point average (CGPA) of 2.00 for all work completed at the University. The courses required to earn this degree are listed below.

Students should be aware that many courses have prerequisites and/or corequisites. Students are responsible for ensuring that all prerequisite and degree requirements are satisfied prior to enrollment in advanced coursework. The suggested plan of study is provided as a guide. A student's actual plan of study may vary based on term of admission, transfer credit, course availability, and individual academic goals. Students should consult with their academic advisor to develop an individualized plan of study.

## General Education Requirements

|                                                                           |           |
|---------------------------------------------------------------------------|-----------|
| Communication                                                             | 9         |
| COMM 219 Speech                                                           |           |
| Any Communication above COMM 106                                          |           |
| Any Communication above COMM 106                                          |           |
| Humanities - Lower Level                                                  | 3         |
| Social Sciences - Lower Level                                             | 3         |
| SSES 110 Critical Thinking in Contemporary Problems                       |           |
| Social Sciences - Lower or Upper Level                                    | 3         |
| Humanities/Social Sciences - Upper Level                                  | 3         |
| SSES 440 Geographic Information Systems for Disaster and Security Studies |           |
| Computer Science/Information Technology                                   | 3         |
| Mathematics                                                               | 6         |
| Any Mathematics 6-Hour Sequence Above MATH 106                            |           |
| Physical/Life Sciences                                                    | 6         |
| <b>Total Credits</b>                                                      | <b>36</b> |

## Core Requirements

|                      |                                                                 |           |
|----------------------|-----------------------------------------------------------------|-----------|
| EMGY 310             | Fundamentals of Emergency Management                            | 3         |
| EMGY 430             | Emergency Management and Contingency Planning                   | 3         |
| HLSC 110             | Introduction to Homeland Security                               | 3         |
| HLSC 280             | Professional Skills in Homeland Security                        | 3         |
| HLSC 315             | Critical Infrastructure Security, Resilience, and Risk Analysis | 3         |
| or ESVS 301          | Community Risk Reduction for the Fire and Emergency Services    |           |
| HLSC 360             | Strategic Planning and Decision Making in Homeland Security     | 3         |
| HLSC 410             | Exercise Design and Evaluation in Homeland Security             | 3         |
| or ESVS 404          | Managerial Issues in Hazardous Materials                        |           |
| <b>Total Credits</b> |                                                                 | <b>21</b> |

## Leadership Focus Area

|                              |                                                         |   |
|------------------------------|---------------------------------------------------------|---|
| Choose One of the Following: |                                                         | 3 |
| COMM 365                     | Communication for Resilience                            |   |
| EMGY 400                     | Introduction to Incident Command System                 |   |
| EMGY 405                     | Disaster Policy and Management                          |   |
| ESVS 402                     | Fire and Emergency Services Administration              |   |
| ESVS 405                     | Personnel Management for Fire and<br>Emergency Services |   |

|               |                                                   |   |
|---------------|---------------------------------------------------|---|
| HLSC 320      | Homeland Security and Intelligence Law and Policy |   |
| Total Credits |                                                   | 3 |

Suggested Plan of Study

Year One

| Requirements                          | Credits |
|---------------------------------------|---------|
| Communication above COMM 106          | 3       |
| College Algebra or Higher Math Series | 3       |
| Semester Hours                        | 6       |

| Requirements                                          | Credits |
|-------------------------------------------------------|---------|
| SSES 110 - Critical Thinking in Contemporary Problems | 3       |
| Computer Science/Information Technology               | 3       |
| Semester Hours                                        | 6       |

| Requirements                          | Credits |
|---------------------------------------|---------|
| Humanities - Lower Level              | 3       |
| College Algebra or Higher Math Series | 3       |
| Semester Hours                        | 6       |

| Requirements                                 | Credits |
|----------------------------------------------|---------|
| COMM 219 - Speech                            | 3       |
| HLSC 110 - Introduction to Homeland Security | 3       |
| Semester Hours                               | 6       |

| Requirements                                        | Credits |
|-----------------------------------------------------|---------|
| HLSC 280 - Professional Skills in Homeland Security | 3       |
| Communication above COMM 106                        | 3       |
| Semester Hours                                      | 6       |

Total Credits

Total Hours for All Requirements: 30

Year Two

| Requirements                                                           | Credits |
|------------------------------------------------------------------------|---------|
| HLSC 360 - Strategic Planning and Decision Making in Homeland Security | 3       |
| EMGY 310 - Fundamentals of Emergency Management                        | 3       |
| Semester Hours                                                         | 6       |

| Requirements                 | Credits |
|------------------------------|---------|
| Physical Sciences            | 3       |
| Leadership Focus Area Course | 3       |
| Semester Hours               | 6       |

| Requirements                                                                                                                                          | Credits |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| HLSC 315 - Critical Infrastructure Security, Resilience, and Risk Analysis or ESVS 301 - Community Risk Reduction for the Fire and Emergency Services | 3       |

|                                                                             |   |
|-----------------------------------------------------------------------------|---|
| SSES 440 - Geographic Information Systems for Disaster and Security Studies | 3 |
|-----------------------------------------------------------------------------|---|

|                |   |
|----------------|---|
| Semester Hours | 6 |
|----------------|---|

| Requirements                                                                                                          | Credits |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| EMGY 430 - Emergency Management and Contingency Planning                                                              | 3       |
| ESVS 404 - Managerial Issues in Hazardous Materials or HLSC 410 - Exercise Design and Evaluation in Homeland Security | 3       |
| Semester Hours                                                                                                        | 6       |

| Requirements                           | Credits |
|----------------------------------------|---------|
| Social Sciences - Lower or Upper Level | 3       |
| Physical Sciences                      | 3       |
| Semester Hours                         | 6       |

Total Credits

Total Hours for All Requirements: 30

Estimated Cost of Attendance

Estimated Cost of Attendance: California Student Information (<https://catalog.erau.edu/student-life/student-affairs/california-student/>)