

M.S. in Human Security and Resilience

Embry-Riddle's **Worldwide Campus** offers a unique purpose-driven and globally focused Master of Science in Human Security and Resilience, a 30-credit, fully online graduate program designed for those committed to solving today's most complex security challenges.

This interdisciplinary program prepares students to understand and address complex global challenges affecting the safety, wellbeing, and stability of individuals and communities. The program examines the interconnected dimensions of human security, including health, environmental sustainability, human rights, economic resilience, cybersecurity, political violence, and global governance. Students explore emerging threats shaped by climate change, migration, technological disruption, economic instability, and geopolitical transformation while contrasting human-centered security frameworks with traditional state-centered approaches. Through comparative research, policy analysis, and applied problem solving, the program equips graduates to evaluate resilience across diverse contexts and develop sustainable, evidence-based strategies that promote peace, stability, and security in an increasingly interconnected world.

Offered through the Department of Emergency, Disaster and Global Security Studies in the College of Arts & Sciences, the program equips students with the tools to analyze global threats and develop innovative, practical solutions. Whether entering the field or advancing their careers, graduates from this program will make a significant contribution to the development and practice of this field. Human security and resilience touch every level of government: neighborhood, state, national and international. This degree program will find interest among human security and resilience practitioners from the municipal emergency management official to the national level strategic planner; from the public health advisor to an international humanitarian aid worker.

Program-Level Student Learning Outcomes

Students will:

- Investigate the impact of digital communications and cybersecurity on human security, analyzing how governments, international organizations, and private entities regulate emerging technologies to address transnational threats.
- Evaluate dimensions of human security—including health, environmental protection, human rights, and economic stability—within global frameworks such as the United Nations Sustainable Development Goals (SDGs) while contrasting human security models with traditional state-centered security approaches.
- Examine how global trends—such as climate change, migration, economic instability, and geopolitical shifts—contribute to political and economic destabilization and shape global security landscapes.
- Conduct comparative research on human security and resilience, integrating global perspectives and innovative methodologies to develop sustainable security strategies.
- Analyze the causes of political violence and organized communal conflict, identifying mitigation strategies and effective global approaches for fostering peace, stability, and sustainable development.
- Analyze human security policy objectives in the context of international law, global governance structures, and transnational cooperation.
- Evaluate sources of resilience across countries with varying levels of development and effective strategies for building resilient communities in response to crises such as disasters, economic instability, and conflict.

Worldwide Program Requirements

Core Requirements	9
Specialization	15
Electives	6
Total Credits	30

Program Details

The Master of Science in Human Security and Resilience requires successful completion of a minimum of 30 credit hours. Students enrolled in the Worldwide Graduate Online program may complete the degree in six terms, or approximately two years, assuming full-time enrollment and continuous progress. Students pursuing this graduate degree must earn a minimum cumulative grade point average (CGPA) of 3.00 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, course availability, transfer credit, and other academic considerations. Students should consult with their academic advisor to develop an individualized plan of study.

Students must complete the required Human Security and Resilience core curriculum, including the capstone course, and select six credit hours of approved graduate electives in consultation with the Program Chair. Elective coursework should support the student's academic interests and professional goals while satisfying degree requirements.

Core Requirements

MHSR 500	Introduction to Human Security	3
RSCH 670	Research Methods	3
MHSR 690	Human Security and Resilience Capstone	3
Total Credits		9

Specialization

Human Security & Resiliency

MHSR 515	International Law and U.S. Security Policy	3
MHSR 520	Principles of International Conflict Resolution	3
MHSR 530	Environmental Security	3
MHSR 540	Foundations of Resilience	3
MHSR 550	Resilience Planning and Administration	3
Total Credits		15

Electives

Graduate-Level Courses Approved by Program Chair	6
Total Credits	6

Suggested Plan of Study

One Year Plan

Year One

Requirements	Credits
MHSR 500 - Introduction to Human Security	3
Open Elective	3
Semester Hours	6

Requirements	Credits
MHSR 520 - Principles of International Conflict Resolution	3

RSCH 670 - Research Methods	3
Semester Hours	6
Requirements	Credits
MHSR 515 - International Law and U.S. Security Policy	3
MHSR 530 - Environmental Security	3
Semester Hours	6
Requirements	Credits
MHSR 540 - Foundations of Resilience	3
Open Elective	3
Semester Hours	6
Requirements	Credits
MHSR 550 - Resilience Planning and Administration	3
MHSR 690 - Human Security and Resilience Capstone	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 30

Two Year Plan

Year One

Requirements	Credits
MHSR 500 - Introduction to Human Security	3
Semester Hours	3
Requirements	Credits
MHSR 520 - Principles of International Conflict Resolution	3
Semester Hours	3
Requirements	Credits
MHSR 515 - International Law and U.S. Security Policy	3
Semester Hours	3
Requirements	Credits
MHSR 540 - Foundations of Resilience	3
Semester Hours	3

Total Credits

Total Hours for All Requirements: 12

Year Two

Requirements	Credits
MHSR 550 - Resilience Planning and Administration	3
Semester Hours	3
Requirements	Credits
RSCH 670 - Research Methods	3
Open Elective	3
Semester Hours	6

Requirements	Credits
MHSR 530 - Environmental Security	3
Open Elective	3
Semester Hours	6
Requirements	Credits
MHSR 690 - Human Security and Resilience Capstone	3
Semester Hours	3

Total Credits

Total Hours for All Requirements: 18

Estimated Cost of Attendance

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