



Program of Study: Bachelor of Science in Emergency Management

Program Description

The Emergency Management program is a bachelors' degree completion program designed for the adult working professional 25 years and older who has completed at least two years of college. The program emphasizes the fundamentals of emergency management while providing an interdisciplinary course of study in the skills and practices of emergency planning and management. The primary purpose of the program is to serve the needs of emergency management professionals to address all aspects of natural and human-caused disasters. Graduates of the program will possess a knowledge and experience-based approach to strategic planning for disaster prevention, reduction, response, and recovery. Candidates for the degree include those working in or desirous of working in emergency management and who have completed academic work in one of several fields including fire protection, emergency medical response, law enforcement, environmental health and safety, and other related fields.

Course Number	Course Title	Course Description	Credits
UNV 101	University Success	This course provides positive re-enforcement of successful learning strategies and assistance with adaptation to the academic environment.	3
COM 101	Intro to Human Communication [^]	This course focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The course readings and discussions seek to increase understanding of relevant communication theories and their application in the practice of effective and ethical human communication in both personal and professional life.	3
ENG 101	Academic Writing	A course in writing academic prose, including various types of essays, arguments, and constructions. A writing intensive course. Prerequisite: UNV 105	3
PSY 101	General Psychology [^]	A foundation course in the science of behavior. Includes a study of the origin and development of behavior patterns, motivation, emotional behavior sensory functions, perception, intelligent behavior, and adjustment. Simple experiments constitute a basic part of the course.	3
HIS 107	World Civilization Since 1500 [^]	A survey of the major events, personalities, movements, and ideas in world civilization from the prehistoric era to 1500 CE. This course focuses on the key political, intellectual, scientific, social, economic, and cultural changes that occurred in world civilization. Students will gain an understanding of the social forces and trends in social, religious, political, and philosophic thought that laid the foundations of the modern world.	3
ENG 102	Research Writing	A course exploring various types of research writing, with a focus on constructing essays, arguments, and research reports based on primary and secondary sources. A writing-intensive course. Prerequisite: ENG 101.	3
BIO 100	Biology Concepts [^]	A complete overview of the science of biology from a human perspective. Topics include cells, energetics, ecology, inheritance, evolution, embryology, anatomy, and physiology. This course does not apply toward the biology major.	3

BIO 100L	Biology Concepts Lab [^]	The one hour lab for BIO 100. Must be taken concurrently with BIO 101.	1
MAT 120	Intermediate Algebra	Topics from basic algebra: linear equations, polynomials, quadratic equations, systems of equations, and introductory conic sections. Prerequisite: MAT 100.	3

Choose one of the following courses:

INT 463	World Religions [^]	A study of the major contemporary religions of the world including both historical background and development, and current beliefs and practice with emphasis on basic religions: Hinduism, Jainism, Buddhism, Sikhism, Taoism, Confucianism, Shinto, Zoroastrianism, Judaism, Islam, and Baha'i.	3
BIB 113	Old Testament History [^]	An introductory and historical survey of the Old Testament. Attention is given to the study of the Bible itself, its institutions, literature, and history of the national life of the Hebrew people from earliest times to close of the Old Testament period	3

Choose one of the following courses:

PHI 101	Introduction to Philosophy [^]	An introduction to the discipline of philosophy through a study of representative philosophic problems.	3
BIB 123	New Testament History [^]	A general historical survey of the New Testament, beginning with the inter-biblical period, with the main emphasis given to the Gospels and Acts.	3

UNV 200	Western Ideas and Aesthetics	An examination of ideas that shaped Western thought, and aesthetics. Students will have opportunities to identify and analyze instances of these ideas literature, film, and art.	4
CHM 101	Introduction to General, Organic and Biochemistry [^]	An introduction to the principles of chemistry; designed for students without a strong background in science. Topics covered include a survey of the chemical and physical properties of elements and compounds, chemical reactions, chemical energetics, acids and bases, and chemical bonding. An introduction to organic and biochemistry emphasizes the relationship between molecular structure and function.	3
CHM 101L	Introduction to General, Organic and Biochemistry Lab [^]	The one hour lab for CHM 101. Must be taken concurrently with CHM 101.	1

[^] Campus students may choose an alternative course from the Grand Experience. See the current Academic Catalog for details.

Total General Education Credits: 39

Total Elective, Transfer, and Bridge Credits: 42

Emergency Management Courses:

EMM 320	Emergency Management Organization	The student will gain insight into the profession of emergency management, its history, principles, participants, functions, structure, and future. This course includes concepts related to accreditation of emergency management programs, professional associations, and professional credentials.	3
EMM 330	All Hazards Emergency Planning	This course focuses on emergency management planning, types of plans, the major components of the planning process, the hazard assessment process, and the importance of personal disaster planning.	3
EMM 335	Emergency Management Operations and Techniques	The knowledge and practice gained in this course will provide the emergency manager and first responder with management and supervision skills and techniques that are specific to emergency management and to the agencies employing emergency managers. These skills and techniques of management are necessary for success in the emergency services environment.	3
EMM 340	Communications for Emergency Management	The focus of this course will be on successful interpersonal communication skills, the difference between daily and emergency communication methods, and how to work with the media.	3

EMM 380	Mitigation Planning in Emergency Management	This course examines the process and principles of mitigation planning for emergency management, the benefits of mitigation, and the development and implementation of appropriate mitigation measures.	3
EMM 410	Ethical Leadership in Emergency Management	This course will provide focus on leadership with an emphasis on guiding and influencing emergency personnel and volunteers in an ethical manner during disasters while providing decision-based leadership.	3
EMM 425	Disaster Recovery and Business Continuation	This course addresses disaster recovery and business continuity in public agencies and private companies, an explanation of federal guidelines for government continuity planning, and professional practices for business continuity planning in private companies.	3
EMM 433	Research Methodology	This course helps students identify problems, review related literature, collect data, and measure objectives in the public safety environment. Students will apply analytical skills to emergency management-related research projects. A writing-intensive course.	3
EMM 435	Health, Shelter, and Evacuation Issues in Emergency Management	This course examines how to address and respond to special emergency management issues in disasters including animal care, special needs populations, and evacuations.	3
EMM 440	Terrorism's Impact on Emergency Management	An examination of the historical and political impact of terrorism on emergency management including examples of terrorist activity, summary of federal government efforts, and media coverage of terrorism.	3
EMM 445	Case Studies of Critical Incidents	Case studies are utilized through the course to illustrate commonly encountered problems and issues in the management of human-caused and natural disasters. Incidents will be studied for the purpose of learning best practices and for the development of mitigation, response, and recovery plans.	3
EMM 490	Organizational Development and Change	An overview of approaches to organizational development with emphasis in the practical aspects of changing public safety organizations to improve effectiveness.	3
EMM 495	Senior Capstone	Identification of planning, preparation, and completion of a project to solve or research emergency management problems particular to a government, business, health care setting, or educational setting.	3

Total Emergency Management Credits: 39

Total General Education Credits: 39

Total Elective, Transfer, and Bridge Credits: 42

Total Bachelor of Science in Emergency Management Credits: 120