UVU EMERGENCY SERVICES

Credit by Expert Review (Portfolio Assessment)

Key

ES- Emergency Services
ESFF- Emergency Services Firefighter
ESFO- Emergency Services Fire Officer
ESEC- Emergency Care
ESMG- Emergency Management
ESWF- Wildland Firefighter

Course	Course Description	Course Learning Outcomes	Documentation Needed for Expert Review	Faculty Contact	Credit
ES 1150: Introduction to Emergency and Disaster Management SS	Explains the occurrence of natural, technological, and anthropogenic hazards and their relation to human vulnerability. Identifies the role of the emergency manager in working with the whole community (i.e., individuals and other public, private and nonprofit organizations). Describes all aspects of comprehensive emergency management (e.g., mitigation, preparedness, response and recovery). Promotes proactive approaches to foster disaster resilience.	1. Explain terms and concepts related to accidents, emergencies, crises, natural disasters, technological events, and terrorism. 2. Explain diverse hazards that may impact communities as well as differences in human vulnerability. 3. Describe how humans are impacted by disasters and how they behave under conditions of collective stress. 4. Discuss policies, planning frameworks, strategies and programs related to comprehensive emergency management. 5. Compare public, private, nonprofit, and volunteer groups involved in disasters. 6. Identify strategies to effectively deal with disasters before, during and after they occur.	(A) Significant documented experience as a professional emergency manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.). (B) Certified FEMA 100, 200, 300, 400, 700, & 800. (C) Undergraduate College Course Transcript Equivalent Course.	david.mcentire@uvu.edu	3
ES 1160: Responders Role in Emergencies and Disasters	Prepares emergency services students to respond effectively in both day-to-day emergency circumstances as well as extreme disasters. Examines the theory and skills to effectively handle emergency operations and deal with people in the context of emergencies.	1. Analyze the role of responders in emergency situations and disasters; 2. Distinguish between organizational and human needs in emergency situations and disasters; 3. Document and report effectively for emergency services and disaster situations; 4. Respond appropriately to victims, witnesses, and persons of interest; 5. Distinguish between the needs of various population groups; 6. Handle personal stress and stress at home and work; 7. Manage the public in emergency situations and respond to public information needs; 8. Work effectively in groups. 9. Traits Upon successful completion, students should have the following attitude(s)/traits: 1 - Increased awareness of victim and community information needs on interpersonal and public levels and attentiveness to appropriate responses; 2 - Increased sensitivity to the fears and concerns of the public in emergency and disaster conditions.	(A) Significant documented experience as a professional emergency manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.. (B) Undergraduate College Course Transcript Equivalent Course.	john.fisher@uvu.edu	3
ES 1170: Citizen Role in Emergencies and Disasters	Designed for students of emergency management and volunteer private agencies. Discusses disaster preparedness, planning, and mitigation. Extends the discussion of the public role in emergencies and disasters to disaster response and recovery. Describes the variety of actions taken by individuals, private and voluntary organizations, first responders, and government agencies in response to a disaster and to assist in recovery.	1. Explain the impact of disasters on people and property and describe the impact of minor and major hazards for a community. 2. Explain the role of local government and the part civilian volunteers can play in response and recovery. 3. Describe the functions and purpose of incident command, an emergency operations center and a joint information center. 4. Explain how citizens perceive and deny disaster risk and articulate and refute commonly held disaster myths. 5. Explain how research has defined how to prepare the public for action before, during and after an emergency. 6. Develop a community profile, including definable segments of the population which might have special needs in a disaster. 7. Discuss the principles of human behavior and attitude change, specific considerations concerning identified cultural groups, and how these concepts are applicable in a disaster situation. 8. Describe the benefit and process of building coalitions between government, public and private community groups in implementing community disaster and recovery programs. 9. Describe the elements of an effective training program for citizens and volunteers to prepare them to assist in disaster response and recovery.	(A) Current CERT Certification. (B) Undergraduate College Course Transcript Equivalent Course.	john.fisher@uvu.edu	3
ES 2130: Terrorism and the Emergency Services	Deals with the threats associated with terrorism as they relate to emergency service response. Examines past acts of terror along with present and future threats and their connection to emergency services planning and response. Identifies various aspects of security and control in correlation to the emergency response operations.	1. Discuss threats to emergency responders associated with terrorism. 2. Describe historical components and extremist groups associated with terrorism. 3. Identify counterterrorism groups and aspects of preventing terrorist acts. 4. Review concerns and controls associated with emergency responder security.	(A) Significant documented experience in homeland security, law enforcement, CBRNE, antiterrorism, counterterrorism, violent extremism (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.). (B) Undergraduate College Course Transcript Equivalent Course.	eric.russell@uvu.edu	3
ES 2210: Community Mitigation Response and Recovery	Provides an introduction to emergency management for community members, emergency service volunteers, and future disaster relief workers. Prepares them with the knowledge and the skills to allow them to work in emergency services in government or non-profit agencies. Introduces emergency management principles, doctrines and authorities, emergency management functions and capabilities, and the integrated emergency management system. Addresses the coordination of various systems, networks, and agreements among various governmental and other organizations under the National Incident Management System (NIMS).	1. Describe the components of the emergency management system and the community role in it. 2. Explain the process of hazard emergency management. 3. Explain the social, political, and economic implications of a disaster and assess the risk and vulnerability of a community to the affects of natural and/or man-made disasters. 4. Explain the local, state, and federal roles and responsibilities in emergency management with specific emphasis on integrative services. 5. Analyze and critique current comprehensive emergency plans from local municipalities 6. Describe the role of federal agencies and private insurance industry as recovery and mitigation resources. 7. Delineate steps citizens can take to protect themselves in emergency situations. 8. Identify the various resources available to respond to and deal with a variety of emergency situations. 9. Demonstrate understanding of the four phases of emergency management - preparedness, response, mitigation, and recovery - and apply them relative to disaster incidents.	(A) Significant documented experience as a professional emergency manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc. (B) Undergraduate College Course Transcript Equivalent Course.	john.fisher@uvu.edu	3
ES 2220: Resiliency and Vulnerability in Crises	Expands the knowledge of disasters so that students of emergency management, volunteers, and community members understand the nature of multiple hazards, both man-made and natural, and are aware of their impact on vulnerable populations. Presents risk management tools to assist in mitigating, planning and preparing for disasters.	1. Apply the 7-step Hazards Risk Management Process model (context determination, risk identification, analysis, evaluation, treatment, monitoring and review, and communication and consultation) to a simulated hazard. 2. Describe the historical context and evolution of hazards risk management and apply the concepts and lessons learned to the hazards risk management context of today. 3. Determine the competencies and techniques for handling hazards in the public sector emergency management and apply these to business and industry. 4. Distinguish between issues and hazards, hazards and disasters and describe the management processes for each. 5. Cite historical examples to show how the hazards management process is applied in the following situations: weather, high winds, hurricanes, droughts, floods, earthquakes, tsunamis and volcano eruptions, man-made disasters, and terrorism. 6. Describe the vulnerability of various populations in the context of the physical, social and economic characteristics of a community and show the interdependencies and the connections of communities in hazardous situations. 7. Describe the purpose, history and techniques for developing public-private partnerships and the relationship to the public's role in risk management and communication.	(A) Significant documented experience as a professional emergency manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.. (B) Undergraduate College Course Transcript Equivalent Course.	john.fisher@uvu.edu	3

Course	Course Description	Course Learning Outcomes	Documentation Needed for Expert Review	Faculty Contact	Credit
ES 2230: Non-profit Organizations and Volunteerism	Improves participant abilities to deal with a broad range of issues in the management of volunteers. Covers publicity and recruitment, skill development and maintenance, and motivation strategies to promote continued involvement and quality performance. Addresses the planning and operations of an effective donations management system, and explores the coordination of state and local government and representatives of Voluntary Organizations Active in Disaster (VOAD) when working with undesignated and spontaneous volunteers during a disaster.	1. Design a volunteer program which incorporates the principles of humanitarian service. 2. Develop a list of the traits, knowledge, skills, and abilities needed for someone planning a career in humanitarian services and volunteer management and identify the organizations and positions for someone with these characteristics. 3. Explain the principles upon which effective communication and leadership skills are based for working with volunteers. 4. Distinguish between the work and characteristics of government and private voluntary agencies and establish the needs and resources required to be a private voluntary agency working in the emergency services. 5. Identify the role of private voluntary organizations in disaster and emergency work and the merits of coordination with groups involved in the National Voluntary Organizations Active in Disaster (VOADs). 6. Develop a plan for the coordination of government agencies with VOADs, professional groups, and business and industry. 7. Develop an action plan for recruiting, interviewing, training, supervising, and evaluating volunteers. 8. Design a program that addresses the planning and operations of an effective donations management system. 9. Identify special issues in volunteer management and determine approaches to deal with issues.	(A) Significant experience as a professional emergency manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.. (B) Undergraduate College Course Transcript Equivalent course.	john.fisher@uvu.edu	3
ESFF 1000: Introduction to Emergency Services and Ability Testing	Explores career opportunities and job requirements of fire and rescue emergency services. Discusses the various duties within emergency services, including structural fire fighting, wildland fire fighting, technical rescue, hazardous materials control, fire protection, fire investigations, and incident command. Explains the employment testing and selection processes of federal, state, municipal, and industrial emergency service organizations. Develops basic emergency skills in hazard recognition, response organization, and fire extinguisher use.	1. Describe the career opportunities within emergency services. 2. Describe the employment process and requirements of various emergency services organizations. 3. Choose an educational path that will lead towards career goals. 4. Identify the roles and responsibilities of emergency services. 5. Describe various firefighter physical ability tests. 6. Identify key factors for successful completion of various firefighter physical ability tests. 7. Describe the importance of a lifelong fitness program. 8. Create individual wellness and fitness plans.	Significant experience as a professional emergency services responder (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.). Undergraduate College Course Transcript Equivalent	gary.noll@uvu.edu	3
ESFO 1100: Fire Behavior and Combustion	Explores the theories and fundamentals of how and why fires start, spread, and how they are controlled. Addresses the fire problem in America, the background of research, and how to approach the study of fire. Provides an overview of various flames, smoldering, and spontaneous combustion.	No CLOS	Undergraduate College Course Transcript Leadership Equivalent	gary.noll@uvu.edu	3
ESFO 1110: Fire Prevention	Provides fundamental information regarding the history and philosophy of fire prevention. Introduces the organization and operation of a fire prevention bureau. Covers the use of fire codes, identification, and correction of fire hazards. Discusses the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.	No CLOS	Undergraduate College Course Transcript Leadership Equivalent	gary.noll@uvu.edu	3
ESFO 1350: Fire Protection Hydraulics and Water Supply	Introduces basic mathematical operations, including fractions, decimals, percentages, measurements, statistics, graphs, formulas, and equations. Completers should be able to apply mathematical skills in solving basic fire service hydraulics and water supply problems.	NO CLOS	(A) Undergraduate College Course Transcript Leadership Equivalent, (B) Current IFSAC/ProBoard/California State Fire Marshal/Florida BFST Certified Driver Operator (i.e., Pumper, Aerial, ARFF, Tender, Tiller)	gary.noll@uvu.edu	3
ESFO 2400: Fire Officer Work Experience	Provides an opportunity for students to complete the Fire Officer II workplace performance requirements of NFPA 1021, Standard for Fire Officer Professional Qualifications. Under the supervision of an experienced fire officer, requires meeting performance objectives in areas of human resource management, community relations, governmental relations, inspection procedures, investigation procedures, emergency service operations, emergency services planning, and personnel safety procedures, through a non-paid work experience.	No CLOs	Significant experience as a professional fire officer (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.).	gary.noll@uvu.edu	3
ESMG 3200: Health and Safety Program Management	Teaches development, management, and evaluation of departmental safety programs. Includes compilation of accident and injury data from local jurisdictions. Develops programs that target safety concerns identified from research. Students will develop a plan to track effectiveness of safety programs to reduce personal injuries and property damage resulting from accidents within their department.	1. Explain national regulations and standards that drive safety related policies and procedures. 2. Apply the aspects of risk management related to emergency response agencies. 3. Appraise the value of effective safety and health programs on responder health, safety, and well-being. 4. Produce solutions for known safety and health risks to responders. 5. Argue for the development and continued support of agency health and safety programs and processes.	(A) Undergraduate 3000-4000 Level OSHA/Safety Related College Course Transcript, (B) 5 years professional experience as a health and safety program manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.).	byrnesan@uvu.edu	3
ESMG 3250: Managing Emergency Medical Services	Teaches action planning procedures for emergency incidents requiring multiple agency operations. Includes determining resources, assigning and placement of resources to mitigate incidents requiring multi-agency responses. Studies coordination of changing roles and responsibilities of fire service based EMS providers with the requirements set forth by local ordinances, state statutes, and federal laws. Presents personnel, resource management, and quality improvement techniques.	1. Apply needs analysis strategies; 2. Develop plans for the improvement or maintenance of EMS organizations; 3. Plan for and manage large-scale, multi-agency incidents; 4. Apply personnel, resource management, and quality improvement techniques to an EMS system; 5. Coordinate and understand the various roles and responsibilities set forth by statutes, ordinances or standard currently constituted; 6. Present a safety program and present results and other reports to local legislative bodies and civic groups; 7. Network with other individuals in different communities who have similar responsibilites; 8. Analyze scenarios and case studies and develop and implement health and safety programs.	(A) Undergraduate 3000-4000 Level EMS College Course Transcript, (B) 5 years professional experience as a EMS director (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Sheriff, EMS Director, etc.).	mittelma@uvu.edu	3
ESMG 3300: Emergency and Disaster Planning	Prepares students for developing long-range plans, given current organization status and local resources, emphasizing the attainment of both organizational, and community needs. Teaches planning for growth and for major disasters. Integrates resources and budgets while mitigating the impacts on a community. Develops and evaluates projected training requirements.	1. Critique the legal framework of emergency management at the federal, state and local levels. 2. Assemble risk assessments to identify hazards, threats, vulnerabilities, probabilities and consequences. 3. Apply accepted standards relating to the development of disaster plans. 4. Argue for the incorporation of other organizations (e.g., preparedness councils and LEPCs) in risk assessments and the disaster planning process.	(A) Undergraduate 3000-4000 Level EM Planning College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.	mittelma@uvu.edu	3
ESMG 3350: Analytical Research Approaches to Public Emergency Services	Explores basic research designs, the use of selective analytical tools, and common issues faced by public emergency services managers. Examines tools and techniques using research methods to facilitate the decision making process in public emergency services organizations.	1. Explain analytical methods and data requirements; 2. Analyze basic concepts and techniques of research methods and the use of statistics; 3. Demonstrate using specific outlines for problem-solving; 4. Identify major steps in systems thinking; 5. Demonstrate understanding of the ethical issues involved in research methods. 6. Traits Upon successful completion, students should have the following attitude(s)/traits: 1 - The desire to use analytic approaches to problem identification and decision making.	Undergraduate 3000-4000 Level Research College Course Transcript	broomero@uvu.edu	3

Course	Course Description	Course Learning Outcomes	Documentation Needed for Expert Review	Faculty Contact	Credit
ESMG 3400: Critical Infrastructure Protection	Introduces critical infrastructure and key resources (CI/KR) and explores the interdependencies between government and private industry in sustaining and protecting critical infrastructure. Provides an overview of the elements and processes to develop and sustain successful critical infrastructure partnerships and to protect critical infrastructure and key resources.	1. Differentiate among the different types of critical infrastructure and who owns and operates the various sectors (e.g., power, chemical, transportation, financial, etc.). 2. Explain the international and domestic risks facing critical infrastructure and key resources (CI/KR), including natural, technological and anthropogenic sources. 3. Connect relevant policies, laws, regulations and programs to critical infrastructure protection (CIP) such as the Comprehensive Homeland Security Act, Chemical Facility Anti-Terrorism Standards and LEPCs. 4. Explore the critical organizational, engineering, operational, procedural, and financial components of CI/KR within the context of local, state, federal, and national governments and the business sector. 5. Determine the performance and level of protection of measures to prevent, mitigate, prepare for, respond to, and recover from threats to CI/KR.	(A) Undergraduate 3000-4000 Level CIP College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc..	john.fisher@uvu.edu	3
ESMG 3710: Comparative Approaches to Homeland Security	Discusses shared terrorism threats as well as policies and strategies employed by a range of democratic countries to cope with terrorism and other homeland security-related threats. Examines issue areas such as bio-threats, health system preparedness, airport security, and anti-radicalization policies across several countries. Reviews the practices of other countries and translates those practices into policies applicable in the United States. Prepares students to engage with their international partners at the local, state, or federal levels as Homeland Security becomes an increasingly global undertaking requiring greater international outreach.	1. Explain the diverse threats and hazards that may impact countries around the world. 2. Compare and contrast the policies and institutions established by governments to counter threats to homeland security. 3. Differentiate among the similarities and differences of emergency management agencies and practices in diverse national contexts. 4. Critically evaluate the lessons learned from prior terrorist attacks and disasters in international settings and focus on strategies to solve future challenges in homeland security and emergency management.	(A) Undergraduate 3000-4000 Level NSA/HS College Course Transcript, (B) 8 years professional experience in an international homeland security/CBRNE/NSS/antiterrorism/counterterrorism role (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	david.mcentire@uvu.edu	3
ESMG 4000: Advanced Emergency Services Leadership	Explores advanced leadership topics as they relate to the first responder. Discusses leadership theories used in both emergency and non-emergency environments and develops skills necessary to lead small and large organizations under the unique atmosphere of time, pressure, and consequence. Provides an understanding of the role an emergency services leader plays in a paramilitary environment.	1. Create effective decision making and problem solving processes for emergency incidents 2. Describe the need for effective emergency services leadership training organizations 3. Prepare students to be future leaders in the Emergency Response fields 4. Assess emergency services organizational needs 5. Develop standard operating procedures that address first responder operations and wellness 6. Apply general leadership theories to emergency services organizations	Undergraduate 3000-4000 Level College Leadership Course Transcript, (B) 10 years professional experience at the executive leadership level of an emergency services organization (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.).	gary.noll@uvu.edu	4
ESMG 4150: Humanitarian Services and Disaster Relief	Examines both theoretical and applied aspects of complex humanitarian emergencies and reviews disasters in the context of humanitarian relief. Explores the needs of displaced persons and the systems and practices currently in place to meet these needs. Reviews the principles of preparedness, resilience, and sustainability in terms of short-term response to disasters and long-term community recovery.	1. Analyze complex humanitarian emergencies and their aftermath in terms of the historical, legal, social, political, and moral contexts; 2. Evaluate complex emergencies based on the principles and standards for performing humanitarian response; 3. Appraise the underlying causes of humanitarian crises, including conflict, natural and man-made disasters and discuss how to broaden the base of responses to them; 4. Compare the different types of international actors involved in humanitarian services (e.g., UN, US OFDA, nonprofit organizations, faith-based institutions) and their disaster relief activities to the mission and goals of homeland security and emergency management; 5. Construct interventions to deal with health issues related to disease and malnutrition among displaced persons in humanitarian crises; 6. Differentiate between the needs of advanced societies and developing countries in terms of community preparedness, operation resilience, and business continuity; 7. Employ economic, social, and environmental sustainability principles to contemporary case studies; 8. Analyze humanitarian relief efforts in terms of negative and positive impacts on individual victims, displaced persons, and families and communities; 9. Design plans to provide aid in emergencies, by organizing volunteers and responders, setting up refugee camps, distributing humanitarian supplies, and establishing fund raising and donations.	(A) Undergraduate 3000-4000 Level Humanitarian/International College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	john.fisher@uvu.edu	3
ESMG 4200: Public Information and Disasters	Prepares emergency services students to respond effectively to public information needs in both day-to-day emergency circumstances as well as in more extreme disaster conditions. Explores the theory and develops skills to effectively respond in crisis situations. Presents case studies in crisis response that demonstrate how information can help the public prepare, respond, and recover from disasters.	1. Select information that the public will need in emergency situations and disasters; 2. Distinguish between kinds of disasters and the information the public will need in emergency situations; 3. Prepare disaster information and develop guidelines for its dissemination; 4. Examine the dynamics of an unfolding crisis and the role of emergency personnel in relation to the public; 5. Apply conflict resolution principles in an emergency; 6. Examine legal and ethical considerations in an emergency situation; 7. Establish guidelines for organizing and operating a Joint Information Center under NIMS; 8. Predict the challenges of various populations in an emergency situation.	(A) Undergraduate 3000-4000 Level PIO/COMM College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	john.fisher@uvu.edu	3
ESMG 4250G: Humanitarian Management and Operations	Deals with the operations side of humanitarian action. Establishes principles that can be used in local, national, and international relief efforts. Applies best practices from emergency management to the field of humanitarian services and disaster relief. Meets the global and international requirements to foster a greater understanding of, interaction with, and appreciation for, cultures that reflect the diversity present within the local and campus communities, up to the larger state and global context.	1. Apply emergency management principles to the management of global humanitarian action. 2. Formulate crisis plans for relief operations at the local, national, and international levels. 3. Employ external relations strategies in developing associations with the public, non-profits, government agencies, and the military. 4. Incorporate humanitarian service principles to the design of effective operations for providing relief to vulnerable populations. 5. Establish guidelines for managing resources, funding and financing operations, and recruiting and training staff and volunteers. 6. Provide students with the opportunity to engage in global humanitarian concerns. 7. Discuss stereotypical cultural conceptions and recognize the complexity and variety of different cultural groups represented by aid workers and victims of disasters. 8. Evaluate one's own cultural rules and biases and compare and contrast these with those from different cultures.	(A) Undergraduate 3000-4000 Level Humanitarian/International College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	john.fisher@uvu.edu	3
ESMG 4300: Disaster Recovery and Hazard Mitigation	Explores disaster recovery operations and hazard mitigation activities, including an emphasis on key participants in these important, but neglected phases of emergency management. Addresses numerous functions including damage assessment, disaster declarations, disaster assistance, risk assessments, land-use planning, and structural/non-structural mitigation. Concentrates on the needs of vulnerable populations and has the goal of promoting increased disaster resilience, proactive risk reduction measures and sustainability.	1. Predict the numerous, diverse and long-term physical and social impacts of disasters on individuals, families, organizations, communities, states and the nation. 2. Appraise the policies, plans, functions, and procedures related to disaster recovery. 3. Implement important recovery activities. 4. Reduce risk through mitigation and pro-active community-wide programs. 5. Facilitate disaster resistance, resilience and sustainability by collaborating with government and non-government organizations (NGOs).	(A) Undergraduate 3000-4000 Level EM-Related College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	david.mcentire@uvu.edu	3

Course	Course Description	Course Learning Outcomes	Documentation Needed for Expert Review	Faculty Contact	Credit
ESMG 4350: Disaster Planning and Business Continuity	Identifies risks facing business operations. Focuses on planning and preparedness for disasters and other emergencies to assure continuity of business operations. Teaches processes that protect facilities, operations, employees, customers, and other stakeholders from the effects of a crisis. Identifies strategies that develop business resilience and protect business systems.	1. Assess risks, hazards and vulnerabilities that have potential to harm or halt business operations. 2. Develop a plan that assures the continuity of business operations during and following a disaster or other emergency. 3. Provide strategies that establish resilience in the business supply chain. 4. Establish communications procedures that support the continuity of authority and business functions during a crisis. 5. Plan financial contingencies that determine the quick recovery of data and operations. 6. Develop procedures to protect vital records from cyberattack and harmful effects of disasters.	(A) Undergraduate 3000-4000 Level EM Planning College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	john.fisher@uvu.edu	3
ESMG 4400: Legal Considerations for the Emergency Services	Examines regulatory, political, and social aspects of government's role in emergency services agencies, including regulatory issues, emergency services operations, employment, personnel issues, roles, legislative issues, and political influence.	1. Identify local, state, and federal regulations that apply to emergency services agencies; 2. Describe regulatory standards for developing policies and procedures; 3. Conduct a policy analysis of a proposed or existing regulation/policy; 4. Identify regulatory implications of responding to an emergency situation; 5. Analyze and apply regulations, rules, and policies as they relate to emergency services agencies. 6. Traits Upon successful completion, students should have the following attitude(s)/traits: 1 - Understanding of federal law with respect to public emergency agencies.	(A) Undergraduate 3000-4000 Level Law College Course Transcript	mittelma@uvu.edu	3
ESMG 4450G: Human Factors in Emergency Management	Introduces students to an emergency response approach to understanding hazards and disasters grounded in social vulnerability analysis. Examines historical, geographical, social, and cultural factors and conditions that put people differentially at risk before, during, and after disasters. Utilizes a multi-disciplinary approach. Focuses on global, national, regional, and local patterns of development. Explores how vulnerable social groups are affected by and cope with hazardous conditions and events, and strategies for community-based mitigation engaging those most at risk.	1. Determine how human factors in emergency management differ from traditional approaches to disasters and emergency management; 2. Identify root causes associated with human factors in emergency management, which tend to place some groups more at risk; 3. Identify parameters, constraints, and opportunities locally, nationally, and internationally that promote or limit strategies for addressing victim vulnerability; 4. Assess specific life chances and conditions arising from global, regional, national, and local patterns of development; 5. Assess the determinants of structural and situational human vulnerabilities in particular places, times, social, and cultural contexts; 6. Identify characteristics of a disaster-resilient neighborhood or community and apply principles of relating to justice, equity, diversity and inclusion to develop a community-based action plan increasing resilience; 7. Analyze the complexities inherent in global and/or intercultural issues related to human vulnerability in disasters; 8. Explain the impact of stereotypical cultural conceptions on disaster management decisions dealing with different cultural groups; 9. Evaluate how one's own cultural values impact those from different backgrounds in a disaster environment.	(A) Undergraduate 3000-4000 Level Sociology/Human Services College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	broomero@uvu.edu	3
ESMG 4500: Customer Service and Marketing for the Emergency Services	Explores the principles and importance of customer-oriented service delivery within the emergency services. Looks at current practices and delves into emerging needs and solutions for marketing and public relations. Includes research and critical thinking strategies for local, national, and global perspectives on customer service.	1. Develop a public relations strategy for an emergency services agency/department; 2. Explain and discuss principles of public relations and apply them to the public sector; 3. Discuss the use of customer service to enhance service delivery capabilities and funding for emergency services agencies; 4. Demonstrate understanding of the importance of customer service in providing comprehensive emergency services program delivery. 5. Traits Upon successful completion, students should have the following attitude(s)/traits: 1 - Pro-active approach to public education and relations; 2 - Enthusiastic commitment to enhanced services in the public sector; 3 - Desire to create professional rapport with constituency.	Undergraduate 3000-4000 Level Customer Service/Marketing College Course Transcript	mittelma@uvu.edu	3
ESMG 4550: Emergency Preparedness and Disaster Response	Identifies what emergency managers and other key actors in the public, private, and nonprofit sectors do to prepare for emergencies and improve immediate post-disaster operations. Covers the importance of the Emergency Management Accreditation Program, planning, equipping, training, exercises, and community education. Describes the Disaster Response Framework and NIMS along with how first responders and emergency managers may use ICS and EOCs to improve functions such as warning, evacuation, sheltering, firefighting, search and rescue, emergency medical care, mutual aid, public information, donations management, volunteer management, etc.	1. Appraise the complexity and impact of disasters along with the urgency of life-saving and other immediate actions. 2. Describe who will respond to disasters and anticipate human behavior in these collective stress situations. 3. Defend diverse approaches to disasters and principles of emergency management. 4. Formulate successful preparedness and response operations.	(A) Undergraduate 3000-4000 Level EM-Related College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).	david.mcentire@uvu.edu	3
ESWF 1410: Wildland Internship I	Provides experience in fighting fires at wildfire and urban interface incidents. Studies wildland fire behavior, fire weather, and fire mitigation. Teaches size-up, chain of command, communications, strategy, and tactics. Includes developing water sources, learning engine tactics, understanding procedures for aircraft, firing and felling operations. Completers should develop skills beyond the entry level firefighter. May be graded credit/no credit.	1. Apply knowledge, skills, and abilities of wildland firefighters. 2. Work with wildland firefighters and civilians from different ethnic, cultural, religious, and social backgrounds. 3. Integrate as a member of a wildland crew. 4. Safely execute orders given during emergency and non-emergency operations.	A) Physical Fitness (Red Carded) B) Understanding of the 10 Fire Orders / 18 Watchout Situations C) LCES and its implementation D) Communications E) Any other items identified by their supervisor and or Agency F)Satisfactory performance rating / annual review (This is verified by the supervisor's letter and signature) G) Any additional NWCG /FEMA classes to support development	Catherda@uvu.edu	5
ESWF 1420: Wildland Internship II	Provides students with the training and experience that will assist them in gaining a job in wildland fire management and suppression. Features participation in a 20-person wildland fire suppression crew sponsored by the Utah Division of Forestry, Fire and State Lands. Also teaches about wildland fire behavior as well as fire suppression strategies and tactics. Requires students to participate in physically demanding assignments with long periods of time away from home. Exposes students to wildland fire and the various organizational and mechanical tools used to manage and suppress them, such as; aircraft, bulldozers, large engines and other fire management and suppression equipment. May be graded credit/no credit.	1. Apply knowledge, skills, and abilities of wildland firefighters. 2. Work with wildland firefighters and civilians from different ethnic, cultural, religious, and social backgrounds. 3. Integrate as a member of a 20-person wildland fire suppression crew. 4. Safely execute orders given during emergency and non-emergency operations.	A) Physical Fitness (Red Carded) B) Proficiency in use and implementation of various wildland tools (hand tools/saws/pumps) C) Effectively use a portable radio and to field program as needed (Agency Specific) D) Land Navigation – use of maps, compass, GPS, and other applications E) Apply the principles of the Risk Management Process F) Working towards a supervisory level (Squad Boss/ ICT5 / Single Resource) G) Documentation within a designated position Task Book verified by supervisor H) Satisfactory performance rating / annual review (This is verified by the supervisor's letter and signature) I) Any additional NWCG /FEMA classes to support development	Catherda@uvu.edu	5
ESWF 2430: Wildland Internship III	Increases the level of leadership training and responsibility for individual firefighters. Includes work on Advanced Firefighter/Squad Boss Task book. Teaches and improves upon the following skills; firefighter safety, supervision, communication, situational awareness and other fire suppression skills needed to advance to the Squad boss level. Offers valuable experience in wildland fire suppression techniques as well as safety and organizational skills. May be graded credit/no credit.	1. Apply advanced knowledge, skills, and abilities of wildland firefighters. 2. Work with wildland firefighters and civilians from different ethnic, cultural, religious, and social backgrounds. 3. Integrate as a supervising member of a wildland crew. 4. Safely execute orders given during emergency and non-emergency operations.	A) Physical Fitness (Red Card) B) Supervise and mentor the lesser experienced firefighters C) Completion of a position task book. (Certified within your agency's standards) D) Satisfactory performance rating / annual review. (This is verified by the supervisor's letter and signature) E) Any additional NWCG /FEMA classes to support development	Catherda@uvu.edu	5