

Emergency Management and Disaster Science
Fall 2024

Graduate Course Schedule

EMDS 5010 EMERGENCY MANAGEMENT THEORY & PRACTICE
001 cre 3 W 6:00-8:50pm CH 240 Webb, G.

Explores the central conceptual and theoretical topics and debates that inform the discipline and practice of emergency management. Focus centers on the nature of disaster, common misperceptions about human behavior under conditions of stress, and the important literature pertaining to disasters and emergency management. By taking an interdisciplinary approach, the seminar enables students to think critically about the epistemological assumptions of alternative theoretical viewpoints and divergent policy proposals.

Prerequisite(s): None.

EMDS 5110 DISASTER RESEARCH METHODS
001 cre 3 T 6:00-8:50pm CH 240 Wu, H.C.

Provides an overview of research methods in emergency management and disaster science, including the major goals of empirical research, research design, and the relationship between theory and research. Topics include qualitative and quantitative methods of data collection, levels of measurement, descriptive statistics, thematic coding, and ethics of research.

Prerequisite(s): None.

EMDS 5615 ENVIRONMENTAL PLANNING AND HAZARDS
001 cre 3 M 6:00-8:50pm TBD Zavar, E.

Explores the natural disasters and strategies public officials can apply to cope with their impacts on the built environment. Natural disasters of geologic, atmospheric, hydrologic, and biologic origin are considered. An environmental planning focus is taken where an emphasis is placed on human-environment interactions as they are related to environmental extremes. Alternative public policy strategies for coping with natural hazards are considered from the perspectives of preparedness, response, recovery and mitigation activities.

Prerequisite(s): None.