

EMERGENCY MANAGEMENT DISASTER SCIENCE (EMDS)

EMDS 400 Emergency Management Policy and Practices 3 Hours

Provides an in-depth look at the history of disaster response and emergency management within the U.S. and globally. Focuses on the Incident Command System and the integration of incident management across local, state, federal and international response agencies.

Recent Term(s) Offered: spring 2024; fall 2024; spring 2025; fall 2025; spring 2026; fall 2026

EMDS 401 Natural and Technological Disaster Risks 3 Hours

Technical aspects of planning for and responding to natural and technological hazards across applicable science and engineering disciplines.

Recent Term(s) Offered: fall 2024; fall 2025; fall 2026

EMDS 402 Resiliency in Response to Terrorism and Violence 3 Hours

Explores issues emerging from acts of terror and extreme violence, including the impact on organizations and society. Examines practical approaches to resiliency assessment including risk identification, prevention initiatives, impact analysis, response, and recovery planning.

Recent Term(s) Offered: spring 2024; fall 2024; spring 2025; fall 2025; spring 2026; fall 2026

EMDS 403 Advanced Disaster Planning, Management, and Preparedness 3 Hours

Requires application of key concepts to complete emergency management plans spanning all phases of emergency management.

Recent Term(s) Offered: spring 2024; spring 2025; spring 2026

EMDS 404 Trends in Disaster Preparedness and Management 3 Hours

(repeatable max of 6 hrs)

Guided discussions of research into the elements that comprise current practices in emergency management.

Recent Term(s) Offered: spring 2024; summer 2024; spring 2025; summer 2025; spring 2026; summer 2026