

DISASTER SCIENCE (DISC)

DISC 101 Introduction to Global Disasters 3 Hours

A review of disasters from around the globe. Emphasis areas include casual factors, preparedness levels, casualties, direct and indirect impacts on people and infrastructure, and recovery. Students will gain perspective on the evolution of the practices associated with disaster preparedness, response, and recovery, and the impacts of disasters on various socioeconomic groups.

Recent Term(s) Offered: fall 2026

DISC 200 Applied Disaster Science Practices 3 Hours

This course is designed to bridge theoretical understanding with real-world application in the field of disaster science. Students will engage in hands-on learning focused on the principles, tools, and methodologies used in disaster preparedness, response, recovery, and mitigation. Through case studies, simulations, and field-based exercises, participants will develop practical skills in risk assessment, emergency operations planning, inter-agency coordination, and community resilience building. Emphasis is placed on applying evidence-based practices and ethical decision-making to complex disaster environments, preparing students for careers in emergency management, public safety, and related fields.

Prerequisite(s): DISC 101 (may be taken concurrently)

Recent Term(s) Offered: None