SPECIALIZATION TRACKS IN HAZARDS AND EMERGENCY MANAGEMENT

This specialization area concerns natural hazards (such as earthquakes, wildfires, avalanches, hurricanes and floods), technological hazards (such as toxic materials, pollutants, terrorist attacks) and management and policy responses to mitigate and recover from hazards and disasters.

HAZARD PROCESSES
GEOG 3210/5210 Global Climate Change
GEOG 3230/5230 Pyrogeography: Fire, Humans and the Environment
GEOG 3310 Introduction to Natural Hazards
GEOG 3320/5320 Geography of Terrorism and Homeland Security
GEOG 3341 Technological Hazards
GEOG 5260 Snow Dynamics and Avalanche Studies

EMERGENCY MANAGEMENT
GEOG 3340/5340 Geography of Disasters and Emergency Management

TECHNICAL COURSES
GEOG 3040 Principles of Cartography
GEOG 3090/5090 Introduction to Medical Geography
GEOG 3110 The Earth from Space: Remote Sensing of the Environment
GEOG 3140 Introduction to Geographic Information Systems (GIS)
GEOG 3320/5320 Geography of Terrorism & Homeland Security
GEOG 5110 Environmental Analysis Through Remote Sensing
GEOG 5140 Methods in Geographic Information Systems
GEOG 5190 GIS & Environmental Health

Students interested in these topics should consult with Thomas Cova, the area advisor in Hazards and Emergency Management.