

Course Title	:	Natural Hazards and Post-Disaster Recovery 自然災害與災後重建
Course Code	:	GEH1021
Department	:	C&I

Synopsis

This course addresses the issue of the interaction and relation between society and nature through examining the physical and human dimensions of natural hazards. It covers 1) categories and causes of natural hazards, such as geological, meteorological, and hydrological hazards; 2) their impacts on human society; 3) How do individual, groups and governments respond to disasters; and 4) mitigation efforts, including psychological recovery, community reconstruction, existing and emerging public policy issues, policies in emergency management, and technology developed to forecast, prevent, and mitigate impacts.

Multiple teaching strategies will be used, such as guest lecture, debate, group project presentation, issue-based learning, case studies, etc. to engage students in deep dialogue. At the end, students are expected to demonstrate their learning outcomes as follows, a good understanding of basic concepts, analyzing recovery and mitigation issues adequately, critically evaluating the effectiveness of mitigation strategies, and examining his/her personal roles and responsibilities as a local and global citizen