

| Teaching & Learning

# Integrated Resource Utilization for Disaster Risk Management Course

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NTU Summer College offers a unique “Disaster Risk Management Course” led by experienced instructors from NTU’s Center for Weather and Climate Disaster Research and rescue teams with ample field experience with the Buddhist Tzu Chi Charity Foundation. This course provides an in-depth learning experience by combining research theories with practical applications. It aims to enhance the students’ rapid problem-solving skills, foster an interdisciplinary mindset, and promote life education, instilling the values of social responsibility and personal well-being.

The students will learn from experts in disaster management, access the relevant research data, critically examine the social impact of natural disasters, and be trained in prevention measures. Besides learning knowledge on natural disaster prevention, they will engage in hands-on activities—participate in disaster drills, use disaster relief water purification systems, and practice wound management in disaster settings. These practical experiences led by rescue experts will offer the students a deeper understanding of the concepts learned in class and the opportunity to develop the set of essential soft skills needed for effective crisis management.

The effectiveness and positive outcomes of the Disaster Risk Management Course demonstrate the value of integrating resources across different units. Student feedback highlights the course’s capacity to foster interdisciplinary thinking, with students analyzing from multiple perspectives to provide better solutions and outcomes. These interactions enhance the scope and richness of students’ learning. Additionally, the students learn the importance of thinking and acting in the best interest of society and the environment, instilling them with a sense of social responsibility and thus contributing to the safety and stability of our society.

Recognizing that education goes beyond specific subjects and institutions, NTU Summer College aims to facilitate interdisciplinary and cross-institutional collaborations in the future. By drawing on resources outside as well as inside NTU, the Summer College hopes to spawn new learning possibilities and promote a broader range of interdisciplinary opportunities for students in Taiwan.



NTU Professor Chi-Shu Huang (left) explaining how to use the water purification system.



Critical thinking workshop in a crisis setting led by the Northern District Rescue Team of the Buddhist Tzu Chi Charity Foundation.



NTU Professor Tsung-Yi Pan (lower right) with students during visit to a disaster prevention park.



Click or Scan the QR code to visit the website of NTU Summer College and learn more about its program.