

# Graduate Institute of Environmental Education

## Contact Information

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## Introduction

As the first Environmental Education Institute in Taiwan, the Graduate Institute of Environmental Education master's and doctoral programs were established in 1993 and 2006, respectively. The Graduate Institute of Environmental Education (GIEE) aims to cultivate education professionals in the fields of environment and sustainable development and to develop academic research in associated areas. GIEE takes the vision of sustainable development of multiple orientations and the goals of economic prosperity, social inclusion, environmental protection, and cultural diversity as its cross-disciplinary and multi-perspective research direction. In order to enhance GIEE's international academic influence and domestic presence, research topics are diversified, science-based, and oriented towards solving environmental problems, enhancing sustainable development, and including the efforts and ideas of academic institutions, civil society, and government enterprises. GIEE also emphasizes the

rigors of academic research and the publication of papers so that its graduates will be able to plan and execute solutions, as well as engage in independent research.



## Instructional Objectives

The educational goals of GIEE are:

### Doctoral Degree Program

- 1.To cultivate environmental education research, academic literacy, and environmental philosophies.
- 2.To cultivate environmental education in the field of leadership and innovation.
- 3.To cultivate research talent with scientific and cultural literacy in the fields of sustainable science and sustainable education.
- 4.To cultivate teachers for universities and environmental education institutions.
- 5.To cultivate research scholars in teaching and R&D fields in areas of environmental protection, environmental learning, and sustainable industries.

### Master's Degree Program

- 1.To cultivate environmental education professionals with environmental ethics and environmental literacy.
- 2.To foster the promotion of an education system based on sustainable development.
- 3.To cultivate talent with integrated system management and environmental education planning skills for work in K-to-12 curriculums.
- 4.To train talent with educational planning and integration skills for work in environmental protection and conservation departments.
- 5.To train talent with skills in environmental education curriculum design, activity planning, and operational skills for work in NGOs, nature centers, and environment learning centers.
- 6.To train talent with environmental communication skills and the ability to assist with corporate social responsibility.

## Degree Requirements

GIEE offers courses in three areas: environment, education, and research. These three categories include courses in four fields: (1) environmental philosophies and research methods, (2) environmental core subjects – ecology, habitats, communities, and nature-society interactions, (3) theories and development of environmental education, and (4) field practices of environmental education in both formal and non-formal settings. Internships and a thesis/dissertation are also required.

## Feature of the Curriculum

GIEE cooperates with the School of Management in the development of various courses, cultivating the ability in our graduate students to think about topics in an interdisciplinary manner. This cooperation also enhances their business thinking, helps address student employment needs, and helps students in business management better understand environmental education.

Along with NTU, Taipei Medical University, Shih Hsin University, and Tatung University, we have developed a "Smart Aging Design Course." The funds and cases for this course are provided by Cathay Financial Holdings.

## Career Prospects

The graduates of our institute play important roles in promoting sustainable education, outdoor environmental education, and environmental education curriculum planning. Many work in private environmental groups, private enterprises, various types of environmental learning centers, or in government agencies, including the Environmental Protection Agency, the National Parks Agency, and the Forest Service, or teach at academic institutes. There are also graduates who continue their studies and pursue doctoral degrees in both domestic and overseas institutes.