

International postgraduate program for marine biotechnology and environmental ecology sustainability

A. Program objective:

Due to the impact of climate change and global warming on ocean ecosystems and the seemingly endless possibilities of utilization of marine organisms in agriculture and medicine, a mission-oriented investment of funding and human resource for the transformation of basic knowledge into industrial application is an urgent need. In 2015, NTOU faculties conducting research projects related to both basic and applied aspects of aquatic biological sciences, marine biotechnology, and marine ecosystems established this multidisciplinary program to pursue excellence in the postgraduate program in marine biotechnology by offering professional and innovative courses and extensive laboratory training in six major fields described below.

B. Research field of Related Department List:

COLLEGE OF LIFE SCIENCES

- Department of Aquaculture
- Department of Bioscience and Biotechnology
- Institute of Marine Biology
- Bachelor Degree Program in Marine Biotechnology
- Doctoral Degree Program in Marine Biotechnology

College of Ocean Science and Resource

- Institute of Marine Affairs and Resource Management
- Institute of Marine Environment and Ecology