

National Taiwan University

APPLICATION
PERIOD

8.3 ▶ 12.18

2021 Fall
Semester

*Catch the Trend, Be an
INTERDISCIPLINARY INNOVATOR*

MASTER PROGRAM IN GLOBAL AGRICULTURE TECHNOLOGY AND GENOMIC SCIENCE

「*Digital Agriculture
Science and
Technology*

「*Genomic Science
and Breeding
Technology*

INTERDISCIPLINARY PROGRAM

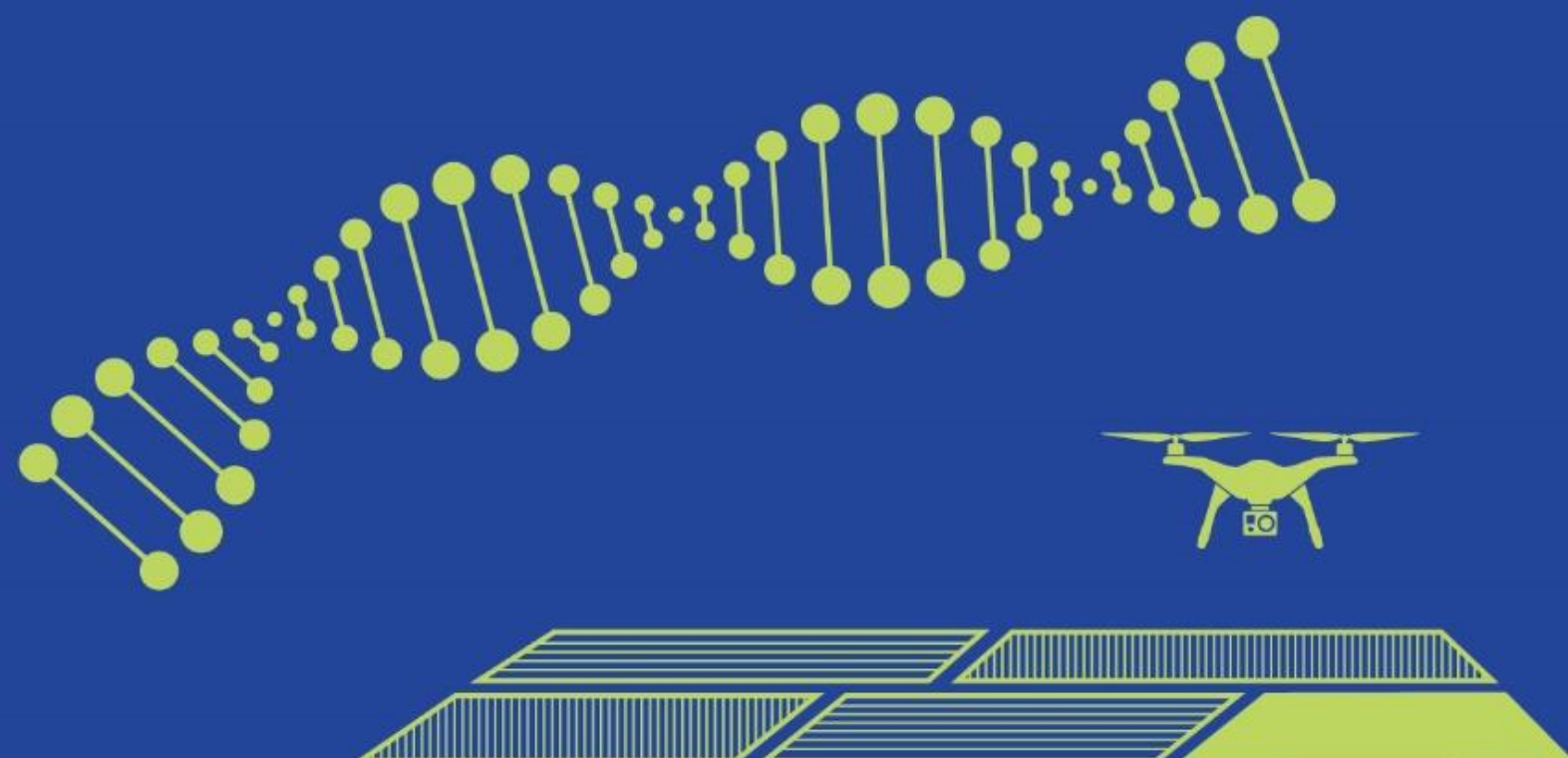
INDUSTRY AND INTERNATIONAL
RESEARCH INSTITUTE INTERSHIP
OPPORTUNITIES

ENGLISH-INSTRUCTED PROGRAM

SCHOLARSHIP

NTU Global ATGS
Scholarship

NTU-SEARCA Joint
Scholarship Program
*Open to nationals of the
SEAMEO member countries*



CONTACT US

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International College Provisional Office, National Taiwan University
No.1, Sec.4, Roosevelt Rd., Taipei 10617, Taiwan



How to
apply



Why
choose us



National
Taiwan
University



INDUSTRY AND INTERNATIONAL RESEARCH INSTITUTE INTERNSHIP OPPORTUNITIES

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CURRICULUM

Global ATGS has two main focuses, including

- | **Digital Agriculture Science and Technology**
- | **Genomic Science and Breeding Technology**

COMPULSORY COURSES

- ▷ Global Agriculture Technology Foresight
- ▷ Mathematical Method for Life Science
- ▷ Scientific Writing and Presentations

ELECTIVE COURSES

- ▷ Agriculture of Taiwan
- ▷ Introduction to Bioinformatics
- ▷ Crop Modeling
- ▷ Plant Phenotyping

Digital Agriculture Science and Technology

- ▷ Control System for Smart Agriculture
- ▷ Plant Factory
- ▷ Waste Treatment Engineering
- ▷ Special Topics in Poultry Production Medicine and Products Processing
- ▷ Smart Technology Applied to Livestock Production
- ▷ Application of Blockchain Technology in Agriculture

Genomic Science and Breeding Technology

- ▷ Genetics and Genomics
- ▷ Crop Genomic Breeding
- ▷ Advanced Plant Molecular Biology
- ▷ Biotechnology Core Techniques: DNA, RNA and Protein



How to apply



FB

Biodiversity



國立臺灣大學
National Taiwan University

Conservation

Governance

Sustainability

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Biodiversity

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National Taiwan University
Master's Program in Biodiversity

2021 / Fall Semester

Application Period

First Round | Now — 2020/12/18

Second Round | 2021/01/05 — 2021/02/25



國立臺灣大學
National Taiwan University

TAIWAN is an island in East Asia from tropical in the south to subtropical in the north with beaches and coral reef off the astonishing seashore. It has the highest density of high mountains in the world and heavily forested, thus making it home to rich biodiversity. The Master's Program in Biodiversity is an interdisciplinary and English-instructed program at National Taiwan University that aims to cultivate global talents with advanced knowledge and practical competences in biodiversity conservation and management. The course is designed to equip students with transformative skills and new technologies to conserve biodiversity and incorporating it into policy-making and business, in considering socio-economic gains of saving biodiversity. Students will engage in field study, enterprise internship in biodiversity conservation projects and experience large amount of biodiversity in Taiwan.

Biodiversity

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Compulsory
courses

**Exploring Taiwan and Southeast Asia
Human Dimension in Biodiversity
Ecosystem Service and Sustainability**

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Elective modules

Foundations of Biodiversity

Climate Change and Biodiversity
Pollination and Alpine Ecology
Tropical Plant Diversity and Conservation

Methodology & Technology

Computer-Intensive Statistics in Ecology
Introduction to R for Ecologists
Research Methods in Ecology

Human Dimension

Biodiversity and Sustainable Development
Environmental Communication
Ecological Economy

Ecosystem Service

Conservation Governance
Biodiversity Resource Management
Eco-Tourism and Biodiversity

Field Course + Research or Industry Internship

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ABOUT | SCHOLARSHIP | APPLY