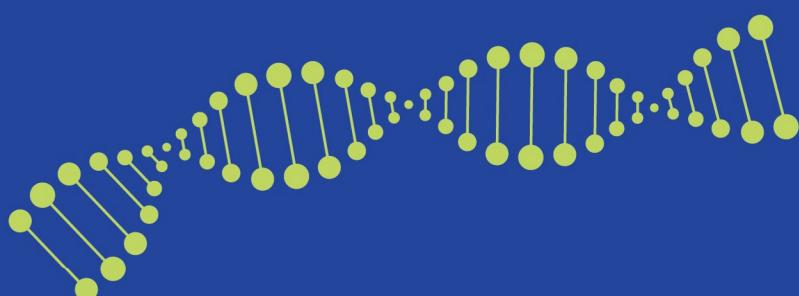


MASTER PROGRAM IN GLOBAL AGRICULTURE TECHNOLOGY AND GENOMIC SCIENCE

INTERDISCIPLINARY PROGRAM

「*Digital Agriculture
Science and
Technology*」

「*Genomic Science
and Breeding
Technology*」



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- | 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



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