



DOCTOR OF PHILOSOPHY PROGRAM IN AGRICULTURAL BIOTECHNOLOGY

■ FACULTY OF AGRICULTURE, NATURAL RESOURCES AND ENVIRONMENT

DOCTOR OF PHILOSOPHY PROGRAM IN AGRICULTURAL BIOTECHNOLOGY

Biotechnology is truly the “signature” technology of the 21C. Emerging from the advancements in biology and genetics at the molecular level, biotechnology is an independent field using a multidisciplinary approach in experiments to find novel innovations and methodology applicable in agriculture, medicine, and pharmacy as well as in environmental and agricultural industries. It is, therefore, one of the main fields emphasized by the Royal Thai Government’s national development agenda.

Our full-time faculty members received doctoral degrees from renowned universities at home and abroad, with knowledge and expertise in various branches of Agricultural Biotechnology, from traditional plants, animals, bacteria, and the environment to the more modern ones, such as molecular biology, genetic engineering, and nanotechnology.



Objectives

Our aim is that graduates should be appropriately equipped to take their place in the world as:

- Advanced knowledgeable agricultural biotechnologists
- Systematic thinkers
- Competent researchers with ability to appropriately apply research findings for the benefit of themselves and their organization on a continuous basis.

Admission

In accordance with the Graduate School Rules and Regulations. The program committee reserves the rights to require more qualifications as deemed appropriate.

Medium of Instruction

Thai and English

Research Focus

- DNA Marker Technology
- Recombinant Fermentation
- Metabolic Engineering

Requirement for Graduation

In accordance with the Graduate School Rules and Regulations with one special condition of organizing a seminar every semester and successfully presenting at least one research paper at each seminar throughout the program.

