

**CROP SCIENCE
ADVANCED EDUCATION PROGRAM**

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**CROP SCIENCE
ADVANCED
EDUCATION
PROGRAM**

PROGRAM DESCRIPTION

Degree name: Bachelor in Crop
Science - Advanced Crop Science

Mode of attendance: Full-time

Program duration: 4.5 years

Language: English

Total required credits: 160



EDUCATIONAL PHILOSOPHY

Educational Philosophy

The Educational Philosophy of the program is “Student-centered approach” in which students learn by inquiring.

Teaching and Learning Strategies

The focus of the program is to enhance students' action learning through the inquiry-based-learning cycle: inquisitiveness, exploration, creation, and discussion, analyse, problem-solve. This aims to make students "to learn by inquiry, to be proficient practitioners, to nurture bright soul, to inspire spirits".

Teachers are facilitators who help students "to learn professional competencies, to nurture soul, to inspire spirits toward crop science and technology and the contribution to community" through teaching and learning strategies.



BENEFITS

Providing the most modern facilities

Supporting funding for field trips and scientific research

Providing the most famous lecturers in their field

Teaching and studying in English



PROGRAM OBJECTIVES

The educational program of advanced crop science aims to train and supply high quality graduates, who have high responsibility and professional ethics, conduct and solve agricultural challenges under rapid changes of nation and the world.

Students graduating the Advanced Crop Science program will:

- Obtain employment in agriculture at governmental institutions, businesses or organizations successfully applying the skills acquired in educational program;
- Contribute to the advancement of crop science, production and management; Be creative in researches, discoveries, and solving problems;
- Pursue higher education; Advance in careers to become specialists, managers, and leaders;
- Become citizens with professional ethics and passion, proaction and creation.

JOB OPPORTUNITIES

Graduates from Crop Sciences – Advanced Education Program have career opportunities in areas of crop production, plant breeding, crop science and crop business as follows:

* Areas of career:

- Management of crop production
- Research in crop science
- Crop cultivation

* Job positions:

- Lecturers
- Researchers
- Specialist or consultant in the field of crop crop/agricultural production
- Manager in crop/agricultural production
- Manager in agricultural business

* Work places:

- Educational institutes: high schools, vocational training, colleges, universities...
- Research institutes, centers, governmental organizations or international organizations related to agriculture
- Agricultural/ Crop enterprises, farms and cooperatives
- Professional Associations related to crop/agriculture
- Their-own enterprises, farms, cooperatives

*Post-graduate study opportunities

The bachelors graduating from the CS-AEP can pursue post-graduate study in agronomy, plant breeding, crop science, crop production, plant protection, and plant biotechnology in Vietnam, ASEAN and overseas universities such as University of California, Davis, Cornell University, Taiwan National University, etc.



THE DIAGRAM OF CROP SCIENCE – ADVANCED EDUCATION PROGRAM

Capstone

Internship & Graduate thesis | Compulsory

Professional courses

Management | Languages | Crop production; Research | Compulsory & Electives; Projects

Foundation courses

Economics | Languages | Soil science | Plant genetics | Plant physiology | Compulsory & Electives

General courses

Social courses | Languages | Math, Physics, Chemistry | Biology | Common, compulsory



TRAINING OUTCOMES

- Crop Science - Advanced Education Program (CS-AEP) has trained 7 undergraduate classes with the average employment rate of over 90%.
- CS-AEP graduates are highly valued by the employers for their knowledge, skills and foreign languages.
- CS-AEP graduates can easily find the overseas scholarships to pursue their Master and Doctoral Degrees.



EXTRA ACTIVITIES AND SCIENTIFIC RESEARCH

