

FACULTY OF AGRONOMY - VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE

INTRODUCTION TO THE CURRICULUM HIGH-TECH AGRICULTURE INDUSTRY

Objective: High-tech Agriculture program was established in 2018, by the Faculty of Agronomy – at the Vietnam National University of Agriculture with the goal of training students after graduation with knowledge, experience, and ability to find a job or start a business on their own in the field of high-tech agriculture; capable of career development, contributing to the development of modern agriculture and international integration of the country.

Training period: 04 years, awarded Bachelor's degree in High-tech Agriculture.

Job opportunities:

- The Government approved the plan to increase the number of trained human resources in the agriculture - forestry - fishery sectors by about 50% by 2020. The agriculture - forestry - fishery sector lacks about 3.2 million trained workers. The Vietnam National University of Agriculture is the first institution to train in Hi-Tech Agriculture.
- Many large corporations invest in High Technology in Agriculture such as VinGroup (VinEco Company), T & T Group (Ti Vita Company), FLC Group, TH True Milk Group, Hoa Phat Company, Truong Hai...
- Start-up Agriculture in the field of High-tech Agriculture

Knowledge is equipped for learners:

The program is designed according to the credit system (including 140 credits). Students are equipped with in-depth knowledge of:

- Knowledge of agro-biology and plant exogenous environmental factors to increase productivity and quality of agricultural products.
- Knowledge of biotechnology, information technology, post-harvest technology, GIS technology, remote sensing technology, and application automation in agricultural production.
- Knowledge of economy, market, agribusiness administration, agricultural system, organic agriculture, agricultural extension in management, and agribusiness in accordance with state regulations and environmental protection.

Teaching staff: Including 9 associate professors, 20 doctors, 15 masters and engineers, and 10 senior technicians.

Facilities and equipment: 01 central laboratory for crop science, 1 laboratory of JICA (aided by Japan), and 05 laboratories of subjects, with a system of greenhouses, greenhouses, and field experiment areas. .

Teaching and learning methods: Using advanced teaching methods, modern and updated content, meeting the level of developed countries and regions. Students have many opportunities to practice in laboratories, centers, and institutes, participate in scientific research projects, and especially high-tech agriculture students can participate in research and study at universities. hi-tech agricultural enterprises in the country.