

TRAINING PROGRAM FOR DOCTORAL DEGREE

Major: Land Management

Code: 9 85 01 03

Training form: Full time/Part time

(Issued in the Decision n^o 4234 on 29th December 2015

by the President of Vietnam National University of Agriculture)

1. Training objectives and output standards

1.1. Training objectives

1.1.1. General objectives

The Ph.D. program in Land management is to train highly qualified scientists in theory and suitable practical capacity, capable of independent research, creativity, ability to detect and solve new problems, which are meaningful in science, technology, land economics and supervise in scientific research in the field of land management and planning.

1.1.2. Specific objectives

- To provide advanced knowledge in the fields of land management and planning, sustainable agricultural land use, land finance, geodesy, geographic information...
- To help PhD fellows to update, discover and propose research issues in the fields of land management and land-use planning.
- To thoroughly grasp the method of research, propose appropriate solutions, gather and organize the implementation of research programs.

1.2. Output standards

Upon complete the training programs, learners have the following knowledge, skills, attitudes and professional responsibilities:

1.2.1. Knowledge

+ Can understand, analyze and evaluate the philosophical knowledge, train the world view, philosophical methodology for learners in perception and study subjects in the fields of natural science and technology; theoretical basis of the revolutionary line of Vietnam, especially the strategy of science and technology development in Vietnam. Application of philosophical knowledge into practical life.

+ Can apply modern scientific and technological methodologies in the management and

use of land resources.

- + Can apply theoretical and practical knowledge for sustainable agricultural land use in different ecological areas.

- + Can analyze and evaluate the application of geodetic and informatic technologies in land management.

- + Develop and complete a database on land policy and land use.

- + Aggregate in-depth knowledge of land policy, land planning, and land finance combined with independent and creative research thinking in scientific research to solve practical problems of land management.

- + Apply the specific knowledge of land management to carry out scientific research, develop new knowledge and propose solutions to solve complex problems arising from the land administration.

- + Aggregate knowledge of land law, economic and environmental management to solve problems in land management and use.

1.2.2. Skills

- + Use skilfully modern equipment, technology and software to serve the land management work.

- + To detect and deal with professional issues of the land management, thereby proposing solutions to improve policies and technologies in the domain of land management and use.

- + To build a database on land policy and land use in order to make and forecast the demand for rational and effective agricultural land use planning for the territory; assessment of the efficiency of modern land administration system.

- + Analyze and evaluate the efficiency of the application of geodetic and informatic technologies in land management.

- + To associate and develop cooperative relations with foreign partners in the implementation of research projects related to land management and use.

- + Collecting community wisdom, leading professional skills to handle land management and use issues on a regional and international scale.

- + Minimum English level B2 according to the European common framework or equivalent; Proficiency in English in social communication and the exchange of professional issues of the land administration.

1.2.3. Capacity of autonomy and responsibility

- + Finding and proposing new valued solutions and improvements to improve

organizational efficiency and address the complex issues of the land administration.

- + To discover principles and rules in the course of settling professional affairs of land management.

- + Innovative use of in-depth knowledge of the professional work of the land administration and other related issues;

- + Updating socio-political information, laws and policies of the State so that plan can be developed in the field of land management;

- + Reasonable organization of personnel; effectively manage and deal work in professional groups.

- + Develop a work plan, manage research activities, develop new knowledge, ideas, processes in the field of land management.

- + Strong political stance; Aware of discipline and responsibility for assigned work; Strictly implementing the Party's and State's legal policies; Be honest in scientific research, in report to supervisors and colleagues.

2. Study duration

The program requires three years for the students awarded master degree, and four years for the students awarded bachelor degree.