

Educational program development plan for 7M08110 "Phytosanitary control in decorative plant growing"

1. Analytical justification of the program. Information about the educational program . OP 7M08110 "Phytosanitary control in decorative plant growing" was created on the basis of the Department "Biology, Protection and Quarantine of Plants" together with partners — the Phytosanitary Service and the Quarantine Service of plant products (decision of the Scientific Council).

The purpose of the educational program 7M08110 "Phytosanitary control in decorative plant growing" is to train highly qualified specialists in phytosanitary control of ornamental plant products, in demand on the labor market, with systematized knowledge, skills and abilities in the field of theoretical, practical, experimental phytosanitary, through the use of innovative training technologies.

The goals of the cycles of Basic Disciplines, Profiling disciplines are realized through the study of disciplines, as a result of which students acquire general systemic, subject-specific competencies.

The training of undergraduates in OP 7M08110 "Phytosanitary control in decorative plant growing" pursues the following goals:

- to know the world achievements in the field of scientific management of the phytosanitary state of the urban flora and modern problems in the protection of ornamental crops;
- possess knowledge in the field of production of safe decorative plant products, possess modern scientific bases for experimenting with ornamental plants (molecular biological methods in phytosanitary);
- possess methods of programming the duration of decorative properties of crops for various levels of agricultural technologies;
- be able to make practical recommendations on the use of decorative crops for landscaping;
- be able to predict the mass reproduction and distribution of especially dangerous objects;
- carry out quarantine inspection, laboratory examination and phytosanitary certification of imported and exported quarantined decorative products.

2. The main objectives of the development plan.

The plan for the development of the educational program "Phytosanitary control in decorative plant growing" was developed on the basis of a request from the phytosanitary service, green construction industries, control services for ornamental plant products.

The main purpose of the OP "Phytosanitary control in decorative plant growing" is to create an educational environment that promotes the formation of professional, specialized competencies for the protection of ornamental plants, taking into account the demand in the labor market. Training of specialists with a wide range of professional competencies capable of solving practical problems in the field of protection of ornamental plants; to carry out research and management activities in various agricultural research institutions and organizations, to teach at universities, secondary technical educational institutions of agricultural profile.

OP 7M08110 "Phytosanitary control in decorative plant growing" offers newer approaches to the formation of key competencies necessary for a graduate of this field and the training of specialists in the field of research, organizational, technological and production management work. The educational program allows creating conditions for academic mobility of students and teaching staff of educational organizations and improving the quality of education.

3 The main objectives of the Educational Program are:

1. To ensure the level of training, in accordance with modern requirements;
2. to study the basics of pedagogy and psychology in higher school programs for use in teaching at universities;

3. to orient the OP on research activities, to form the foundations for continuing studies at the doctoral level.

4. Activities of the OP development plan.

№	Events	Terms of implementation
1	To improve the catalog of elective disciplines taking into account the requirements of employers	2023-2025
2	Updating the literature security map, taking into account new scientific achievements in the field of phytosanitary ornamental plant growing.	annually
3	Annual lectures by practitioners in the core disciplines of the Educational Program.	annually
4	Conclusion of contracts and memoranda with scientific centers dealing with ornamental crops and their protection for the passage of research practice.	2023-2025
5	Creation of a scientific laboratory in molecular biology, for additional training of students in the identification of harmful organisms on ornamental crops.	2025
6	Participation of undergraduates in the implementation of projects-Program-targeted financing and Grant Financing, contractual work.	annually
7	Participation of undergraduates in scientific conferences of various levels, and scientific projects for young scientists.	annually

- acquisition of skills in organizing and conducting research on phytosanitary safety and monitoring of decorative plants and obtaining practical experience to continue scientific work in this area in doctoral studies.

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