

# PHD DEGREE PREPARATION GUARANTOR SPECIALTY 101 "ECOLOGY"

**Guarantor of educational and scientific program,**  
PHD of agriculture, professor  
**LAVROV VITALIY VASYLYOVYCH**



Type of degree certificate  
and volume of the program  
of specialization 101  
“Ecology”  
Licence

Degree certificate of Doctor of  
Philosophy, 4 academic years,  
40 ECTS credits

Act of the Ministry of  
Education and Science of  
Ukraine from June 8, 2016 №  
816.

Program level

QF for EHEA – 3 periods; EQF  
for LLL – 8 level; National  
Qualifications Framework  
(RQF) of Ukraine – 8 level.

## **The purpose of the program.**

To provide the mastery of theoretical knowledge and acquiring practical abilities to independently conduct scientific research in the field of ecology, based on the methodology of system analysis.

## **Program orientation.**

Basic and applied scientific researches concerning the determination the regularities of the functioning of certain types of ecological systems, methods and integrated management technique of these systems, their resources and its preservation in the process of anthropogenic activities. The mastery of knowledge in the methodology of solving the environmental problems of natural resources management, implementation of the principles of sustainable development in practice, the development of directions and mechanisms in solving specific scientific and methodical and applied principles, improving the development of certain sectors of environmental management on the basis of its environmentalization.

## **Features of the program.**

The content of the scientific component of the OHI is determined by the individual curriculum of the postgraduate student. This program provides the acquisition of knowledge on synthesis, analysis, systematization of existing ones and the creation of new scientific knowledge in the field of ecology, as well as practical skills for its implementation in practice. Be able to systematically comprehend the content of cause and effect relationships and the structure of specific environmental problems of certain types of natural resources management, to solve complex problems of nature protection, to conduct research and innovation activities is the main feature of this program.