

## **Course Annotation**

Course Title: **Reservation Areas Study**

ECTS Credits: 3 (108 h.)

### **Course objective**

Developing knowledge about the basics of reservation areas study, scientific foundations and principles of creation and protection of conservation areas and objects, features of the national and global ecological network.

### **Course task**

Introduction to the key issues about the management features of protection of reference natural areas and preservation of the biosphere genefond.

### **Course main chapters**

Subject, purpose and objectives of reservation areas study. The history of formation and development of the scientific direction. Prospects and problems of developing the nature conservation in Ukraine. The concepts of "protected objects" and "protected areas", their characteristics, criteria and conditions of creation. The concept of natural reservation fund (NRF). The status of the NRF. The Law of Ukraine "About the natural reservation fund." Responsibility for violation of legislation about the NRF. Classification of NRF. Ranks and categories of objects of natural reservation fund of Ukraine. Status of the territories of NRF. Concepts and characteristics of state conservation territories. Biosphere reservations of Ukraine, their features and brief characteristics. The concept and features of the National Natural Park. Overseas experience in managing national parks. Categories of areas of natural reservation fund of Ukraine: wildlife preserves, monuments of nature, natural tracts. Artificially created the protected objects. The concepts of species and ecosystem biodiversity. The concept of the Red Book. The rare species of plants of Ukraine. Rare species of animals in Ukraine. The concept of the ecological network. Ukrainian legislation on the formation of the national ecological network. Monitoring the state of the NRF. The theoretical and practical research on the reservation territories.

### **Learning outcomes**

After attending the course students will be able to:

- analyze the positive or negative trends of development the conservation areas on the basis of evaluation criteria of the state the protected areas in the region;
- determine the optimal use of protected areas and objects in nature conservation, scientific and recreational activities for the purposes of the environmental monitoring;
- sort out the "ecological cage" of the protected area on the basis of appointed criteria;
- analyze the compliance the conservation areas to the landscape conditions;
- propose the measures directed at improvement of the existing network of protected objects according to the principles about the creating of national ecological network.

### **Teaching methods used:**

- lectures and practical training sessions.

Final **assessment** of student's knowledge and practical skills is **test**.

**Head of the Ecology Department,  
Professor**

**A.I. Gorova**