

## **Course Annotation**

Course Title: **Social Ecology**

Credits: 3 (108 h.)

## **Course objective**

To form the students fundamental understanding of social ecology on the basis of ideas about components and function of the social and ecological systems.

## **Course tasks**

Forming the ability to estimate the state of socio-economic and socio-ecological pressure of regions and making the administrative decisions aimed to protect environment and landscape's rational use.

## **Course main chapters**

Fundamental laws and principles of the social ecology. The main components of society, landscapes, biocenosis and agricultural sphere of ecosystems. Human environment and its elements as subjects of social and ecological interactions. Global socio-environmental problems and possible ways of their solving. Socio-ecological interactions and characteristics. The influence of environmental factors on human well-beings. Sources of environmental safety. Mechanisms of human adaptation and adaptability. Human behavior in the extreme and critical environmental conditions. Social behavior. Human population health and demographics. Demographic policy. Methods to assess the living standard and the level of satisfaction with the dynamics of social and economic changes in society. Environmental consciousness and its structure. Socio-ecological policy and its role in optimization the interaction between society and nature.

## **Learning outcomes**

After attending the course students will be able to:

- Identify the key regularities of interaction between society and nature, as well as up-to-date achievements in environmental management;
- Explore the social and environmental phenomena and processes;
- Determine the environmental influence on human in various circumstances of function of the national economy on the basis of mathematical statistics;
- Define the natural and socio-economic conditions that determine the incidence of human disease;
- Assess the environmental and social consequences due to impacts of incidents.

## **Teaching methods used:**

- lectures and practical studies.

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

**Head of the Ecology Department,  
Professor**

**A.I. Gorova**