

## Annotation of the subject

1. Name: **Physical geography of Ukraine**
2. Lecturer: Klymenko Valentyna Grygorivna, assistant professor
3. Status: normative subject
4. Year: 3, semester 5
5. Total number of academic hours: 120, lectures - 48, tutorials - 32, independent work – 40 hrs.)
6. Number of credits: 4
7. Previous studies: general geoscience, geology, geomorphology and paleontology, meteorology and climatology, general hydrology, ecology, cartography.

Abstract:

**The purpose of discipline** - formation of students' knowledge about the nature of regional physical geography of Ukraine.

**The task** is to examine the components of the earth's nature, natural complexes, geosystems, their changes under the influence of economic activity, the possibility to use physical and geographical knowledge in work.

The course consists of three parts:

### **Section 1.**

Theme 1. Introduction. Regional Geography, its object, subject and methods of investigation. Content, scientific and practical importance of the course "Physical geography of Ukraine."

Theme 2. Study of the natural environment. The period prior to the October Revolution

Theme 3. Landscape research in Ukraine.

### **Section 2.**

Theme 4. Characteristics of natural components. The geological structure. Tectonics structure.

Theme 5. Geomorphological structure

Theme 6. Minerals of Ukraine

Theme 7. Climatic conditions and resources of Ukraine.

Theme 8. Agroclimatic resources

Theme 9. Water resources of Ukraine

Theme 10. Inland waters of Ukraine.

Theme 11. Soil cover of Ukraine

Theme 12. Vegetation. Fauna

Theme 13. Adverse physical - geographic processes and ways to prevent them.

Theme 14. Changes in environmental conditions under the influence of economic activity

### **Section 3.**

Theme 15. Regional analysis of environmental conditions. Landscapes of Ukraine

Theme 16. Physical - geographical regionalization

Theme 17. Area of mixed forests

Theme 18. Area of deciduous forests

Theme 19. Forest-steppe area

Theme 20. Steppe area

Theme 21. The Ukrainian Carpathians

Theme 22. The Crimean Mountains

Theme 23. Geographical problems of rational use of the natural environment and resources, nature conservation in Ukraine. Conclusions.

8. Forms of knowledge control: lectures, lectures- debates, practical work, independent work of students, consultations, tests.

9. Educational and methodological support:

- ✓ Klymenko V.G. Physical Geography of Ukraine: textbook for students of geography / V.G. Klymenko, O.P. Fenko .- Kharkiv, 2013.- 96 p.
- ✓ Klymenko V.G. Physical Geography of Ukraine: dictionary- directory / V.G. Klymenko, O.Yu. Klymenko .- Kharkiv: V.N. Karazin Kharkiv National University, 2010. – 200p
- ✓ texts of lectures (manuscript),

- practical tasks,
- ✓ tasks for independent work

10. Language of teaching : Ukrainian

11. References:

#### **Basic**

1. Marynych O.M. Physical Geography of Ukraine: textbook /O.M., Marynych, P.G. Shyshchenko. - K. : Znannia, KOO, 2006. - 511 p.

#### **Auxiliary**

1. Bilous G.M. The impact of economic activities on water resources of Ukraine / G.M. Bilous. - K. : Naukova Dumka, 1999. – 211p.

2. Geographical Encyclopedia of Ukraine: in 3 vol.- K. : Ukr. M.P. Bazhan Encyclopedia, 1989-1993.

3. Ecological Encyclopedia: In 3 vol. / Editors: A.V. Tolstouhov (Chief Editor), et al. - K: OOO "Center for Environmental Education and Information" 2008.

4. Krysychenko V.S. MAB: Fundamentals of Ecological Anthropology V.S. Krysychenko. - K. : Zapovit, 1998.

5. Tolochko P.P. The ancient history of Ukraine /P.P. Tolochko. - K. : Lybed, 1994.

6. Shyschenko P.H. Applied Physical Geography. P.H. Shyschenko. - K. : Vyscha Shkola, 1988.

7. Physical and geographical zoning of Ukrainian SSR. - K. : Publishing House Kyev university, 1968.

#### **12. Information Resources**

1. Central Scientific Library of Kharkiv V.N. Karazin National University funds .

2. The library funds of the Department of physical geography and cartography.

3. The Internet.