

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**  
**Lesya Ukrainka Volyn National University**  
Faculty of International Relations  
Department of International Economic Relations

**SYLLABUS**  
**of selective educational component**  
**“REGIONAL ECONOMY OF UKRAINE”**  
for bachelor study program

Lutsk – 2026

**Educational component syllabus "Regional Economy of Ukraine"** for preparation of bachelors.

**Developer:** Viktoriia Horbach, Associate Professor of the Department of International Economic Relations, Doctor of Philosophy (PhD) in Economics, Andrii Boiar, Head of the Department of International Economic Relations, Doctor of Economics, Professor.

### **Agreed**

Guarantor of the educational and professional program:



(signature) (A. O. Boiar)

**The syllabus of the educational component was approved at the meeting of the Department of International Economic Relations, minutes No. 6 dated February 10, 2026.**



Head of the Department: (Boiar A. O.)

## I. Description of the educational component

| Name of indicators                             | Field of knowledge, specialty, educational and professional program, level of higher education  | Characteristic educational component              |
|--|---|---|
| <b>Full-time (full-time) form of education</b> | Field of knowledge C «Social sciences, journalism, information and international relations», specialty C1 «Economics and International economic relations (by specialization)», specialization “International economic relations”, EPP “International Activity of Companies and Institutions”, first (bachelor's) level of higher education | <b>Selective</b>                                  |
|  |   | <b>Academic year</b> – 4                          |
| <b>Number of hours/credits</b><br>150/5        |   | <b>Semester</b> 7                                 |
|  |   | <b>Lectures</b> – 10 hours.                       |
|  |   | <b>Practical (seminar)</b> – 20 hours.            |
| <b>INDT:</b> yes                               |   | <b>Independent work</b> – 110 hours.              |
| <b>Language of instruction</b>                 | <b>Consultations</b> – 10 hours.  | <b>Form of control:</b> pass or fail              |
|  |   | Ukrainian or English (choice during registration) |

## II. Information about the teacher

NAME: Viktoriiia Horbach

Academic degree: Doctor of Philosophy (PhD) in Economics

Academic title: –

Position: Associate Professor of the Department of International Economic Relations

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Class days: <http://surl.li/shvned>

## III. Description of the educational component

### 1. Course abstract.

The educational component "Regional Economy of Ukraine" is aimed at forming in higher education applicants a systematic understanding of the regularities of functioning and development of the economy of the regions of Ukraine, taking into account the spatial differentiation of socio-economic processes. The course covers the theoretical foundations of regional economics, analysis of natural resource potential, demographic processes and labor resources, as well as the features of the formation of the sectoral structure of the economy at the regional level, in particular the fuel and energy, metallurgical, machine-building, chemical-forestry and agro-industrial complexes. Considerable attention is paid to the economic zoning of Ukraine and the characteristics of industrially oriented, agro-industrial and recreational economic regions, their specialization, problems and prospects for development. Studying the educational component forms the ability to analyze regional

features of economic development, assess the potential of territories and apply a regional approach in professional activities.

2. The purpose and objectives of the educational component.

The purpose of studying the OK "Regional Economy of Ukraine" is to form in higher education students systemic knowledge about the regional features of the development of the economy of Ukraine, the patterns of spatial organization of the economy, the sectoral structure of the regional economy and economic regions of Ukraine, as well as acquiring the ability to analyze socio-economic processes at the regional level and apply a regional approach in professional activities.

The objectives of the academic discipline: 1). to form in higher education students a systematic understanding of the theoretical foundations of regional economics and its place in the system of economic sciences; 2). to form knowledge about the features of the formation and territorial differentiation of the natural resource potential of Ukraine; 3). to form an idea of demographic processes and regional features of the formation and use of labor resources; 4). to form knowledge about the sectoral structure of the regional economy of Ukraine and the territorial organization of the main industry complexes; 5). to form an understanding of the essence, principles and significance of economic zoning of Ukraine; 6). to form an idea about the specialization, problems and prospects of socio-economic development of economic regions of Ukraine; 7). to develop skills in analyzing regional socio-economic processes and assessing the potential of regions in professional activity.

3. Soft skills (competences):

- to carry out a comprehensive regional economic analysis, in particular to interpret statistical indicators, tables, graphs and analytical materials, to identify trends, disparities and causes of socio-economic differences in the development of regions of Ukraine;
- think critically and formulate well-reasoned conclusions and proposals regarding the problems and prospects of regional development, justify management decisions based on logic, facts, comparative analysis and case method;
- effectively present the results of analytical work and communicate in a professional environment: prepare structured reports/presentations, lead discussions, ask correct questions, convincingly defend a position, and adhere to academic ethics;
- work with information and data sources in a legal and ethical manner: search, select, systematize and correctly use official statistical materials and scientific sources while adhering to the principles of academic integrity;
- organize independent educational and analytical activities, plan the time and stages of completing tasks, self-assess the quality of one's own work, and work responsibly in team forms of learning (discussion, debate, brainstorming).

4. Structure of the educational component.

| <b>Names of content modules and topics</b>   | <b>Total</b> | <b>Lect.</b> | <b>Sem.</b> | <b>Self-study</b> | <b>Cons.</b> | <b>Form of control/<br/>Max points</b> |
|--|--------------|--------------|-------------|-------------------|--------------|--|
| <b>Content module 1.</b> Theoretical foundations and sectoral structure of the regional economy of Ukraine |              |              |             |                   |              |  |
| Topic 1. Theoretical foundations of regional economics and spatial organization of the economy             | 13           | 1            | 2           | 10                | -            | DS/5                                   |
| Topic 2. Natural resource potential, population and labor resources of Ukraine in the regional dimension   | 13           | 1            | 2           | 10                | -            | DS/5                                   |
| Topic 3. Fuel and energy complex of Ukraine: territorial organization and                                  | 13           | 1            | 2           | 10                | -            | DS/5                                   |

|  |     |    |    |     |    |         |
|--|-----|----|----|-----|----|---------|
| regional features  |     |    |    |     |    |         |
| Topic 4. Metallurgical and machine-building complexes of Ukraine: regional specialization and industrial nodes                           | 13  | 1  | 2  | 10  | -  | DS/5    |
| Topic 5. Chemical-forestry and agro-industrial complexes of Ukraine in the spatial organization of the economy                           | 13  | 1  | 2  | 10  | -  | DS/5    |
| Total by module 1  | 65  | 5  | 10 | 50  | -  | 25      |
| <b>Content module 2. Economic zoning and economic regions of Ukraine</b>   |     |    |    |     |    |         |
| Topic 6. Economic zoning of Ukraine. Donetsk economic region.  | 17  | 1  | 2  | 12  | 2  | DS/5    |
| Topic 7. Prydniprovsky economic district: economic structure and development factors   | 17  | 1  | 2  | 12  | 2  | DS/5    |
| Topic 8. North-Eastern Economic Region: Socio-Economic Potential and Regional Competitiveness  | 17  | 1  | 2  | 12  | 2  | DS/5    |
| Topic 9. Capital and Central Economic Regions: Role in the National Economy and Features of Specialization                               | 17  | 1  | 2  | 12  | 2  | DS/5    |
| Topic 10. Economic regions of Ukraine with agro-industrial and recreational specialization: Northwestern, Carpathian, Podolsk, Black Sea | 17  | 1  | 2  | 12  | 2  | DS/5    |
| Total by module 2  | 85  | 5  | 10 | 60  | 10 | 25      |
| <b>Types of final works</b>  |     |    |    |     |    |         |
| Test (test)  |     |    |    |     |    | T/30    |
| INDT   |     |    |    |     |    | INDT/20 |
| <b>Total hours/Points</b>  | 150 | 10 | 20 | 110 | 10 | 100     |

\* Form of control: DS – discussion, T – tests, INDT – individual task.

#### 5. Tasks for independent study.

|   |  |
|---|--|
| 1 | Preparation for the discussion (seminar) and test on the topic "Modern theories of spatial development: cluster approach, theory of "growth poles" and the concept of smart specialization of regions."        |
| 2 | Preparation for the discussion and test on the topic "Resource and demographic disparities in the regions of Ukraine: causes, consequences and possible management solutions."                                 |
| 3 | Preparation for the discussion and test on the topic "Energy security and regional development of Ukraine: the role of renewable energy (sun, wind, bioenergy) in the transformation of the regional economy." |
| 4 | Preparation for the discussion and test on the topic "Industrial modernization and Industry 4.0: prospects for the restoration of mechanical engineering and metallurgy in Ukraine in the regional dimension." |

|    |   |
|----|---|
| 5  | Preparation for the discussion and test on the topic "Regional agro -forestry clusters of Ukraine: how the competitiveness of territories is formed through processing, logistics and exports."   |
| 6  | Preparation for the discussion and test on the topic "Donetsk Economic Region in Wartime: Economic Losses, Transformation of Specialization, and Possible Scenarios of Post-War Recovery."  |
| 7  | Preparation for the discussion and test on the topic "Prydniprovsky Economic Region as the Industrial Core of Ukraine: Environmental Challenges, Resource Dependence, and Opportunities for "Green" Modernization."   |
| 8  | Preparation for the discussion and test on the topic "Innovative potential of the North-Eastern Economic Region: the role of universities, research centers and high-tech businesses."  |
| 9  | Preparation for the discussion and test on the topic "The Capital Region as a Center for Resource Concentration: Positive Effects and Risks for the Balanced Development of Ukraine (Polarization/Inequality)."   |
| 10 | Preparation for the discussion and test on the topic "Regional competitive advantages of agro-industrial and recreational regions of Ukraine: tourism, logistics, agricultural export , cross-border cooperation."  |
| 11 | Implementation of the INDT "Prepare an analytical characteristic of one of the branches of economic activity in the selected economic region of Ukraine (at the applicant's choice), using primary data (statistical yearbooks and other open sources), as well as analyzing the location of productive forces, resource potential, territorial organization of production and proposing opportunities for the development of the region and industry, and formulate the results in the form of abstracts of a report for a conference and presentation." |

#### IV. Evaluation Policy

Mandatory compliance with the norms of the Code of Academic Integrity of Higher Education Institutions ( <http://surl.li/aagxg> ) during the study process. Written work-up of seminars missed for a good reason is allowed in absentia. Maximum number permitted absences without a valid reason – 2. It is possible to enroll the results of formal or informal education as separate topics or content modules of the course in accordance with the Regulations of the Higher Education Institution dated August 29, 2024 ( <http://surl.li/sbwzdh> ).

The maximum number of points for studying the course is 100, including:

- 50 points for participating in discussions during seminar classes (5 points for each topic) (Module 1);
- 20 points for completing the INDS "Write a thesis or article according to the requirements of a real conference or journal" (Module 2);
- 30 points – test (electronic testing) on all course topics (see list of questions below) (Module 3).

The minimum required score for successful completion of the course is 60 points.

| Module 1 – participation in seminars (max = 50 points) |         |         |         |         |         |         |         |         |          | Module 2 | Module 3 | Max sum |
|--|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|
| Topic 1  | Topic 2 | Topic 3 | Topic 4 | Topic 5 | Topic 6 | Topic 7 | Topic 8 | Topic 9 | Topic 10 | Test     | INDT     |         |
| Sem 1  | Sem 2   | Sem 3   | Sem 4   | Sem 5   | Sem 6   | Sem 7   | Sem 8   | Sem 9   | Sem 10   |          |          |         |
| 5  | 5       | 5       | 5       | 5       | 5       | 5       | 5       | 5       | 5        | 30       | 20       | 100     |

#### V. Final control

The form of final control is a pass or fail credit. A credit is issued to the applicant automatically if he has completed all types of work provided for by the syllabus of the educational component and received 60 or more points. The applicant may additionally take the topics that he missed during the semester (for good reasons) in consultation with the teacher or write by hand, thus improving his result by exactly the amount of points that were allocated for the missed topics. If the applicant scored less than 60 points, he takes a credit during the liquidation of academic debt. In this case, the points scored during the current assessment are canceled. The maximum number of points during the elimination of

academic debt from the credit is 100. Retaking the credit is allowed no more than twice for each educational component: once - to the teacher, the second time - to the commission created by the dean of the faculty (see the Regulations on the current and final assessment of knowledge of applicants of Lesya Ukrainka University - <http://surl.li/ddfha>).

For applicants for the OPP in the specialties "Medicine", "Dentistry", "Pharmacy", "Therapy and Rehabilitation", the conversion of points to a 200-point scale is carried out by multiplying the points of the 100-point scale by 2.

### **Questions to prepare for the final test**

1. Characteristic features and trends of the dynamics of the development of the national economy of Ukraine in modern conditions.
2. The impact of global economic crises on the national and regional economies of Ukraine.
3. Basic concepts, terms and concepts of regional economics and their application in research.
4. Changes in the sectoral structure of the Ukrainian economy and their regional consequences.
5. Types of organization of production of goods in the regions of Ukraine and their economic significance.
6. Transformational processes of industry and regional differences in the development of production sectors.
7. The level of industrialization of the regions of Ukraine and methods for assessing industrial activity.
8. Dynamics of industrial production in individual regions and its impact on economic development.
9. Assessment of the environmental efficiency of industrial enterprises in different regions.
10. Regional features of the development of the fuel and energy complex and influencing factors.
11. The main industries of the fuel and energy complex and their regional specialization.
12. Fuel link of the fuel and energy complex: structure, resources and territorial differentiation.
13. Energy sector of the fuel and energy complex: regional organization and role in ensuring the economy.
14. Classification of regions of Ukraine by sectoral structure of the fuel and energy complex.
15. Main directions of transformation of the fuel and energy sector and prospects for regional development.
16. Dynamics of development of the agro-industrial complex of Ukraine and regional features.
17. Transformation processes in the agricultural sector: structural changes and economic consequences for regions.
18. The functioning of agricultural enterprises at the regional level and their role in the economy.
19. The development of state farms in Ukraine and their impact on the regional agricultural environment.
20. Grain and industrial production: structure, territorial organization and economic significance.
21. Beet sugar production in Ukraine: regional specialization and development prospects.
22. Oily and fatty subcomplex : production structure and territorial organization.
23. Territorial organization of potato growing in Ukraine and regional features.
24. Vegetable production in different regions of Ukraine and factors of their efficiency.
25. Livestock and industrial sector of the Ukrainian agro-industrial complex: structure and regional differences.
26. Construction complex of Ukraine: current state and regional differentiation.
27. Regional differences in the level of development of the construction industry and their economic consequences.
28. The investment sphere of regions and its role in the formation of economic potential.
29. Volumes and dynamics of investments in the regions of Ukraine, trends and problems.
30. Foreign direct investment in regions: territorial structure and impact on the economy.
31. The state and development of the Ukrainian stock market as an indicator of economic activity of regions.

32. Foreign economic activity of Ukraine and its impact on regional development.
33. The strategic importance of foreign economic activity for the economic development of regions.
34. Typification of regions of Ukraine by the level of foreign economic activity.
35. Regional proportions of foreign trade in goods and structural features.
36. Main directions for increasing the efficiency of foreign economic activity of regions.
37. Foreign economic cooperation of Ukraine with the European Union: regional aspects.
38. Export of Ukrainian products to EU countries: territorial and industry specifics.
39. Imports of products from the EU: regional volumes and trends.
40. Features of the economic development of the Carpathian region.
41. Economic and geographical position of the Carpathian region as a factor of its development.
42. The structure of the economic complex of the Carpathian region.
43. Agriculture of the Carpathian region: production and regional specialization.
44. Industry of the Carpathian region and its regional characteristics.
45. Natural resource potential of the Carpathian region and its use.
46. Ecological situation in the Carpathian region: problems and ways of improvement.
47. Competitive positions of the Carpathian region in the national economy.
48. Northwestern region in the system of the economic complex of Ukraine.
49. Natural resource potential of the North-West region.
50. Economy of the North-West Region: structure and development.
51. Territorial organization of industry in the North-West region.
52. Agriculture of the North-West Region: Structure and Specialization.
53. The level of socio-economic development of the North-West region.
54. The role of the investment sector in the development of the economy of the North-West region.
55. Features of the economic complex of the Podolsk region.
56. Natural resource potential of the Podolsk region and its use.
57. Sectoral structure of the economy of the Podolsk region.
58. Agriculture as the basis for the formation of the agro-industrial complex of the Podolsk region.
59. The place of the Capital Region in the macroeconomic zoning system of Ukraine.
60. The main factors of development of the economic complex of the Capital Region.
61. Capital functions of Kyiv and their impact on the economy of Ukraine.
62. Mineral and raw material base of the Central region of Ukraine.
63. Economic complex of the Central region: structure and development.
64. Industry of the Central Region: features and prospects.
65. Agriculture of the Central Region as a key sector of the economy.
66. Features of the economic and geographical position of the Black Sea region.
67. Transport infrastructure of the Black Sea region and its significance.
68. Fishing industry of the Black Sea region: structure and development.
69. Agro-industrial complex of the Black Sea region: features and trends.
70. The general level of economic development of the Black Sea region.
71. Structure of industrial production in the Dnieper region.
72. Territorial production cooperation of the Dnieper region.
73. Agriculture of the Dnieper region: structure and efficiency.
74. The North-Eastern region in the national economy of Ukraine.
75. Mechanical engineering and metalworking of the North-Eastern region.
76. Fuel and energy complex of the North-Eastern region: structure and significance.
77. Agro-industrial complex of the North-Eastern region.
78. Donbas as one of the most competitive industrial regions of Ukraine.
79. Industrial complex of the Donetsk region: structure and economic impact.
80. Elements of territorial organization of the industrial complex of the Donetsk region.
81. Coal industry of the Donetsk region and its role in the national economy.
82. Donetsk region in the system of territorial division of labor of Ukraine.

83. Sectoral specialization of industry in Donetsk region.
84. Sectoral specialization of the industry of Luhansk region.
85. Industrial agglomerations of the Dnieper region: structure and functions.
86. Industrial agglomerations of the Donetsk region: organization and economic effect.
87. Industrial hubs of the Donetsk region and their role in territorial development.
88. Industrial hubs of the Dnieper region: structure and significance.
89. Development of the agro-industrial complex of the Donetsk region: current state and prospects.
90. Social problems of the Donetsk region and their economic consequences.

#### **Rating scale**

| <b>Grade in points</b> | <b>Linguistic assessment</b> |
|------------------------|------------------------------|
| 90–100                 | Pass                         |
| 82–89                  |                              |
| 75–81                  |                              |
| 67–74                  |                              |
| 60–66                  |                              |
| 0–59                   | Fail (retake required)       |

#### **Scale for assessing knowledge of students in the specialties "Medicine", "Dentistry", "Pharmacy", "Therapy and Rehabilitation"**

| <b>Grade in points</b> | <b>Linguistic rating</b> |
|------------------------|--------------------------|
| 170–200                | Pass                     |
| 150–169                |                          |
| 140–149                |                          |
| 130–139                |                          |
| 120–129                |                          |
| 0–119                  | Fail (retake required)   |

## **VI. Recommended literature and internet resources**

### ***Main literature:***

1. Economy of Ukrainian regions in wartime: risks and directions of ensuring stability: scientific and analytical publication / edited by I. Z. Storonyanska ; State Institution "Institute of Regional Studies named after M. I. Dolishnyi NAS of Ukraine". Lviv, 2022. (Series "Problems of Regional Development"). URL: <http://ird.gov.ua/irdp/p20220033.pdf>
2. Zbaranskyi V. K., Matsybara V. I., Stepasyuk L. M., Rogach S. M., Cherednichenko O. O. Regional economy: a textbook / ed. V. K. Zbaranskyi , V. I. Matsybara . Kyiv: Komprint , 2023. 348 p.
3. Kovalskyi V. V., Mykhailiuk O. L., Semenov V. F., Yegorov O. P., Umbina V. O. Placement of productive forces and regional economy: textbook. Kyiv: Znannya, 2021. 380 p.
4. Patytska Kh. O., Hrynchyshyn I. M., Leshchuk I. V., Maksymenko A. O. Multilevel interaction in the context of decentralization: regional and local dimensions: monograph / State Institution "Institute of Regional Studies named after M. I. Dolishnyi NAS of Ukraine". Lviv, 2021. 292 p. – (Series "Problems of Regional Development"). URL: <http://ird.gov.ua/irdp/p20210004.pdf>
5. Prokopyuk A. Structural transformations of regional economies in the context of European integration: the experience of Poland and the prospects for its use in Ukraine: monograph / State Institution "Institute of Regional Studies named after M. I. Dolishnyi NAS of Ukraine". Lviv, 2016. 348 p.

6. Regional Economy: Training Course: Teaching and Methodological Guide for Applicants to Higher Education in the Bachelor's Degree Field of Knowledge 05 "Social and Behavioral Sciences" Specialty 051 "Economics" / V.V. Solyar , O.V. Anisimova. Kh.: Ivanchenko I.S. Publishing House, 2021. 173 p.

7. Development of vocational and technical education in the region on the basis of public-private partnership: scientific and analytical electronic publication / edited by I. Z. Storonyanska , T. G. Vasylytsiv ; State Institution "Institute of Regional Studies named after M. I. Dolishnyi NAS of Ukraine". Lviv, 2022. (Series "Problems of Regional Development"). URL: <http://ird.gov.ua/irdp/p20220031.pdf>

8. Sydorenko T. F., Zadvorna O. V., Lipanova O. A. Regional economy: teaching and methodological manual. Berdyansk: Tkachuk O. V., 2022. 182 p.

9. Rural areas in Ukraine: identification practice and development tools: scientific and analytical report / I. Z. Storonyanska , I. R. Zapukhlyak , H. O. Patytska ; State Institution "Institute of Regional Studies named after M. I. Dolishnyi NAS of Ukraine". Lviv, 2021. 137 p. (Series "Problems of Regional Development"). URL: <http://ird.gov.ua/irdp/p20210038.pdf>

10. Financial determinants of economic growth of regions of Ukraine in the coordinates of behavioral economics: scientific and analytical report / edited by R. V. Bodnar; State Institution "Institute of Regional Studies named after M. I. Dolishnyi of the NAS of Ukraine". Lviv, 2021. 126 p. URL: <http://ird.gov.ua/irdp/p20210037.pdf>

#### ***Supporting literature:***

11. Statistical Yearbook of Ukraine for 2010 / State Statistics Service of Ukraine; edited by O.G. Osaulenko . Kyiv: LLC "August Trade " , 2011. 559 p.

12. Statistical Yearbook of Ukraine for 2011 / State Statistics Service of Ukraine; edited by O.G. Osaulenko . Kyiv: LLC "August Trade " , 2012. 558 p.

13. Statistical Yearbook of Ukraine for 2012 / State Statistics Service of Ukraine; edited by O.G. Osaulenko . Kyiv, 2013. 551 p.

14. Statistical Yearbook of Ukraine for 2013 / State Statistics Service of Ukraine; edited by O.G. Osaulenko . Kyiv, 2014. 533 p.

15. Statistical Yearbook of Ukraine for 2014 / State Statistics Service of Ukraine; edited by I.M. Zhuk. Kyiv, 2015. 585 p.

16. Statistical Yearbook of Ukraine for 2015 / State Statistics Service of Ukraine; edited by I.M. Zhuk. Kyiv, 2016. 574 p.

17. Statistical Yearbook of Ukraine for 2016 / State Statistics Service of Ukraine; edited by I.E. Werner. Kyiv, 2017. 610 p.

18. Statistical Yearbook of Ukraine for 2017 / State Statistics Service of Ukraine; edited by I.E. Werner. Kyiv, 2018. 540 p.

19. Statistical Yearbook of Ukraine for 2018 / State Statistics Service of Ukraine; edited by I.E. Verner. Zhytomyr: BUK-DRUK LLC, 2019. 481 p.

20. Statistical Yearbook of Ukraine for 2019 / State Statistics Service of Ukraine; edited by I.E. Werner. Kyiv, 2020. 463 p.

21. Statistical Yearbook of Ukraine for 2020 / State Statistics Service of Ukraine; edited by I.E. Werner. Kyiv, 2021. 453 p.

22. Statistical Yearbook of Ukraine for 2021 / State Statistics Service of Ukraine; edited by I.E. Werner. Kyiv, 2022. 444 p.

23. Regions of Ukraine: statistical collection. – URL: [https://ukrstat.gov.ua/ukr/publicat/Arhiv\\_reg.htm](https://ukrstat.gov.ua/ukr/publicat/Arhiv_reg.htm)

24. Macroeconomic zoning of Ukraine: historical origins, present-day and prospects: monograph / NAS of Ukraine, Institute of Regional Studies. Lviv, 2022. 280 p.

25. Bilan L. L. Labor Resources of Ukraine: monograph. Kyiv: Lysenko M. M., 2023. 455 p.

26. Hnativ P. S., Khirivskiyi P. R., Korinets Yu. Ya., Panas N. Ye., Zynyuk O. D. Natural resources of Ukraine: a textbook . Lviv: Kamula , 2023. 215 p.

27. Zhuravel V. V., Pospelov O. V., Rekun G. P., Rodchenko V. B. Regional Economy: Textbook. Kharkiv: KhNAMG, 2022. 285 p.
28. Serikova T. M., Gikovata N. K., Shumanska G. M. Regional economy in diagrams and tables: educational - practical manual. Kharkiv, 2023. 185 p.
29. Libanova E. M. External labor migration of Ukrainians: scale, causes, consequences. Demography and social economy. 2023. No. 2. Pp. 15–30.
30. Shelamova I. D., Antonyuk K. I. Regional Economics: Practical Course: Textbook . Kyiv: Znannya, 2023. 430 p.
31. Ishchuk S. I. Placement of productive forces (theory, methods, practice). Kyiv: Europe University, 2023. 230 p.
32. Doroguntsov S. I., Khvesyk M. A., Kotsenko K. F., et al. Ecology for economic universities and faculties: textbook. Kyiv: KNEU, 2023. 335 p.

***Electronic resources:***

1. Legislation of Ukraine. URL: <http://zakon.rada.gov.ua>
2. Regional Economics and Management: Scientific Journal. URL: <http://siez.ua/index.php/ua/arkhiv-zbirnikiv-dopovidej-z>
3. Regional Economy: Scientific and Practical Journal. – URL: <https://re.gov.ua>
4. Environment of Ukraine: official statistical resource. – URL: [https://ukrstat.gov.ua/ukr/publicat/Arhiv\\_dov\\_zb.htm](https://ukrstat.gov.ua/ukr/publicat/Arhiv_dov_zb.htm)
5. Industry of Ukraine: official statistical resource. – URL: [https://ukrstat.gov.ua/ukr/publicat/Arhiv\\_prom.htm](https://ukrstat.gov.ua/ukr/publicat/Arhiv_prom.htm)
6. Agriculture of Ukraine: official statistical resource. – URL: [https://ukrstat.gov.ua/ukr/publicat/Arhiv\\_sg\\_zb.htm](https://ukrstat.gov.ua/ukr/publicat/Arhiv_sg_zb.htm)
7. State Statistics Service of Ukraine. URL: <http://www.ukrstat.gov.ua/>
8. Library of the Verkhovna Rada of Ukraine. URL: <http://lib.rada.gov.ua/static/about/wellcome.html>
9. Library named after V.I. Vernadsky. URL: <http://www.nbu.gov.ua/>
10. Library named after V.G. Korolenko. URL: <http://korolenko.kharkov.com/>
11. M. Maksymovych Scientific Library of Taras Shevchenko National University of Kyiv. URL: <http://www.library.univ.kiev.ua/ukr/title4.php3>
12. Scientific Library of the National University of Kyiv-Mohyla Academy. URL: <https://library.ukma.edu.ua/>