

**The Ministry of Education and Science of Ukraine
Ivan Franko National University of Lviv
Department of Economy of Ukraine**

APPROVED

At the Meeting of the Department of
Economy of Ukraine,
Faculty of Economics,
Ivan Franko National University of Lviv
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Acting Head of the Department of Economy
of Ukraine, Professor



M.V.Kichurchak

**Syllabus for the Training Course “Human Capital in National Economic
Development Strategies”
Taught at the Third (Educational and Research) Level of Higher Education
for PhD Students in the Field of Knowledge C “Social Sciences, Journalism,
Information and International Relations”, Speciality C1 “Economics and
International Economic Relations”, Specialisation C1.01 “Economics”**

Lviv 2025

Subject	Human Capital in National Economic Development Strategies (HCNEDS)
The Venue for Teaching a Training Course	Faculty of Economics, Ivan Franko National University of Lviv Svobody Avenue,18, Lviv, Ukraine
Faculty and Department Assigned to the Training Course	Faculty of Economics, Department of Economy of Ukraine
Branch of Knowledge, Code, and Name of Speciality	Branch of Knowledge C “Social Sciences, Journalism, Information and International Relations”, Speciality C1 “Economics and International Economic Relations”, Specialisation C1.01 “Economics”
Teaching Staff for the Training Course	Kichurchak Marianna Vasylivna , Professor, Doctor of Economic Sciences, Professor of the Department of Economy of Ukraine
Contact Information	E-mail: Marianna.Kichurchak@lnu.edu.ua , https://econom.lnu.edu.ua/employee/kichurchak-m-v , the site of the Faculty of Economics of Ivan Franko National University of Lviv
Consultations Regarding Training Course Issues	Consultations are available on the day of lectures or practical classes, by prior arrangement.
Course Page	https://econom.lnu.edu.ua/academics/postgraduates/051-economics
Brief Information About the Training Course	The training course is designed to equip participants with the essential knowledge and analytical skills needed to understand, conceptualise, and elaborate proposals for human capital advancement within national economic development strategies. The course provides an overview of key concepts, processes, theoretical approaches, policy frameworks, and socio-economic tools required for human capital formation and its contribution to economic growth, sustainable development, and structural transformation.
Brief Abstract of the Training Course	Given that human capital serves both as an economic resource, generating value through intelligence, knowledge and skills, and as a key social asset, this course provides a framework for the strategic, medium-term, and short-term development and fostering of human capital. The course focuses on strengthening social and intellectual infrastructure through the efforts of government institutions and civil society at the local, regional, and national levels. The course “Human Capital in National Economic Development Strategies” is an optional component of the Doctor of Philosophy degree programme in Speciality C1 “Economics and International Economic Relations”, Specialisation C1.01 “Economics”. It is taught during the third semester, comprising 90 hours (3 credits according to the European Credit Transfer System (ECTS)).
The Main Aim and Goals of the Training Course	The purpose of the course “Human Capital in National Economic Development Strategies” is to gain a comprehensive understanding of state regulation and strategies within the social and humanitarian domains. The course aims to explore the features of human capital development within the national economy and to familiarise participants with the tools and methodologies used in the design of socially oriented state programmes. It also examines the academic principles and economic framework underlying the fostering of human capital based on policy initiatives and national economic strategies. The objectives of the course are to enhance professional competencies in the

	<p>evaluation and implementation of human capital development under economic, social, ecological, and war-induced challenges, taking into account state regulation and strategic frameworks. The course also focuses on equipping participants with the knowledge and skills necessary to critically assess and contribute to the design of state programmes.</p>
<p>Basic Literature</p>	<ol style="list-style-type: none"> 1. Aghion, P., Almás, I., & Meghir, C. (2025). <i>Human capital and development</i> (NBER Working Paper No. 34602, revised January 2026). National Bureau of Economic Research. https://www.nber.org/papers/w34602 2. Becker, G. S. (1993). <i>Human Capital: A Theoretical and Empirical Analysis with Special Reference to Education</i> (3rd ed.). Chicago: University of Chicago Press. http://digamo.free.fr/becker1993.pdf 3. Bidnist ta stanovyshe ditei v umovakh viiny / Cherenko L.M., Zaiats V.S., Klymenko Yu.A., Kohatko Yu.L., Krykun O.I., Poliakova S.V., Reut A.H., Khmelevska O.M., Shyshkin V.S.; Nats. akad. nauk. Ukr., In-t demohrafii ta problem yakosti zhyttia NAN Ukrainy. Kyiv, 2025. 4. Dinarte-Diaz, L., Gresham, J., Lemos, R., Patrinos, H. A., & Rodriguez-Ramirez, R. (2025). <i>Investing in Human Capital During Wartime: Experimental Evidence from Ukraine</i> (Policy Research Working Paper No. 11196). World Bank. https://doi.org/10.1596/1813-9450-11196 5. Global Innovation Index. Ukraine. URL: https://www.wipo.int/gii-ranking/en/ukraine. 6. Holla, A., Schady, N., & Silva, J. (eds.) (2026). <i>Building Human Capital: Where It Matters — Homes, Neighborhoods, and Workplaces</i>. Washington, DC: The World Bank. https://www.worldbank.org DOI: 10.1596/978-1-4648-2277-3 7. Kichurchak M. Vidtvorennia suspilnykh blah v ekonomichnii systemi Ukrainy: kontseptualni zasady teorii i praktyky: monohrafiia. Lviv: LNU imeni Ivana Franka, 2016. 494s. 8. Kolomiets, O., & Samoiliuk, M. (2022, February 10). <i>Ukraine's resilience to crises: Human capital</i> (Analytical brief). Centre for Economic Strategy (CES). 9. Liudskyi rozvytok v Ukraini. Innovatsiini vydy zainiatosti ta perspektyvy yikh rozvytku (kol. monohr.) / za red. E.M. Libanovoi; In-t demohrafii ta sotsialnykh doslidzhen im. M.V. Ptukhy NAN Ukrainy. K., 2016. 328 s. 10. Liudskyi rozvytok v Ukraini: instytutsiine pidgruntia sotsialnoi vidpovidalnosti / za red. E.M. Libanovoi; In-t demohrafii ta sotsialnykh doslidzhen imeni M.V. Ptukhy NAN Ukrainy. Kyiv, 2017. 368 s. 11. Metodichni rekomendatsii ta rezultaty identyfikatsii zovnishnikh sotsialno-ekolohichnykh zahroz dlia rezylentnosti yakosti zhyttia naseleння Ukrainy / Libanova E.M., Khvesyk M.A., Levkovska L.V. ta in. Kyiv: Instytut demohrafii ta doslidzhen yakosti zhyttia imeni Mykhaila Ptukhy NAN Ukrainy, 2025. 48 s. 12. Proekt planu vidnovlennia Ukrainy. Materialy robochoi hrupy "Vidnovlennia ta rozvytok ekonomiky". Luhano: Natsionalna Rada z vidnovlennia Ukrainy vid naslidkiv viiny, 2022. 81 s. 13. Schultz, T. P. (1994). <i>Human capital and economic development</i> (Discussion Paper No. 719). Yale University, Economic Growth Center. https://elischolar.library.yale.edu/egcenter-discussion-paper-series/719 14. Stefanyshyn O.V. Teoriia rozvytku liudskoho potentsialu natsionalnoi ekonomiky: navch. posib.: [dlia vyshch. navch. zakl.]. Lviv:

Vydavnychiy tsentr LNU im. Ivana Franka, 2009. 306s.

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17. Yakist zhyttia naseleennia Ukrainy ta pershi naslidky viiny / Cherenko L.M., Poliakova S.V., Shyshkin V.S., Reut A.H., Krykun O.I., Kohatko Yu.L., Zaiats V.S., Klymenko Yu.A.; Nats. akad. nauk. Ukr., In-t demohr.ta sots. doslidzh. im.M.V. Ptukhy. Kyiv, 2023. URL: <https://idss.org.ua/arhiv/%D0%9C%D0%BE%D0%BD%D0%BE%D0%B3%D1%80%D0%B0%D1%84%D1%96%D1%8F%D1%8F%D0%BA%D1%96%D1%81%D1%82%D1%8C.pdf>.

***Further Reading:**

1. Becker Gary S. (1962). Investment in Human Capital: A Theoretical Analysis. *Journal of Political Economy*, 70 (5), pp. 9-49.
2. Bisin, A., Rubin, J., Seror, A. *et al.* Culture, institutions and the long divergence. *Journal of Economic Growth*. 2024. Vol. 29. P. 1–40. <https://doi.org/10.1007/s10887-023-09227-7>
3. Brücker, H., Ette, A., Grabka, M. M., Kosyakova, Y., Niehues, W., Rother, N., Tanis, K. (2023). Ukrainian Refugees in Germany: Evidence From a Large Representative Survey. *Comparative Population Studies*, 48. <https://doi.org/10.12765/CPoS-2023-16>.
4. Ernst, E., Merola, R. & Samaan, D. (2019). Economics of Artificial Intelligence: Implications for the Future of Work. *IZA Journal of Labor Policy*, 9(1). URL: <https://doi.org/10.2478/izajolp-2019-0004>
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8. Kichurchak M. Sustainable development for the post-war recovery in Ukraine's economy: an updated perspective on the scientific legacy of M. Tugan-Baranovsky. *History of Economics and Economic Thoughts of Ukraine*. 2024. Vol. 57. P. 114–140. <https://doi.org/10.15407/ingedu2024.57.114>
9. Kichurchak, M. (2022). Factors of budgetary funding for higher education in the European countries in the context of sustainable and human development: Experience for Ukraine. *Financial and Credit Activity: Problems of Theory and Practice*, 2(43), 279–287. <https://doi.org/10.55643/fcaptp.2.43.2022.3540>
10. Kichurchak, M. (2024). Human capital in the sustainable development

- of EU countries: A longitudinal data analysis. *Economic Forum*, 14(1), 18–27. <https://doi.org/10.62763/cb/1.2024.18>
11. Kichurchak, M., & Paslavaska, I. (2023). The regional factors of sustainable development amidst wartime challenges. In *Zrównoważony rozwój w zarządzaniu* (pp. 9–26). <https://doi.org/10.17512/CUT/9788371939860>
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 18. Кічурчак М. Сталий розвиток і повоєнна відбудова економіки України. *Відбудова для розвитку: зарубіжний досвід та українські перспективи: міжнародна колективна монографія*. Київ, 2023. С. 47–61. URL: <http://ief.org.ua/wp-content/uploads/2023/08/Reconstruction-for-development.pdf>

The Internet Sources:

1. www.zakon.rada.gov.ua – the website of the Verkhovna Rada of Ukraine;
2. www.me.gov.ua – the website of the Ministry of Economy, Trade and Agriculture of Ukraine;
3. www.minfin.gov.ua – the website of the Ministry of Finance of Ukraine;
4. www.kmu.gov.ua – the website of the Cabinet of Ministers of Ukraine;
5. www.sfs.gov.ua – the website of the State Fiscal Service of Ukraine;
6. www.spfu.gov.ua – website of the State Property Fund of Ukraine;
7. www.amc.gov.ua – the website of the Antimonopoly Committee of Ukraine;
8. www.ukrstat.gov.ua – the website of the State Statistics Service of Ukraine;
9. www.niss.gov.ua – the website of the National Institute for Strategic Studies under the President of Ukraine.

Volume of the Training Course	The course comprises a total of 90 hours, including 48 hours of classroom instruction, which consists of 32 hours of lectures and 16 hours of practical classes. Additionally, there are 42 hours allocated for individual study.
Expected Learning Outcomes	<p>After completing the course, the PhD student should:</p> <ul style="list-style-type: none"> - Understand: The methodological frameworks for studying human capital and its state regulation within the national economy. - Recognise: The key regularities, principles, and factors influencing the development of human capital in the national economy. - Identify: The priorities for the design of state strategies and programmes focused on human capital enhancement. - Apply: The methodologies for assessing the efficiency of state human development programmes under economic, social, ecological and war-induced challenges. - Analyse: Specific features of human capital development within state regulatory frameworks and programmes. - Employ: Analytical tools and methodological approaches to the study of state programmes aimed at human capital development within the national economy. - Understand: The regulatory frameworks for monitoring the progress of Human capital development. <p>be able to:</p> <ul style="list-style-type: none"> - Apply: Methodological frameworks for the analysis of human capital, considering state regulation and strategic approaches within the national economy. - Formulate: Priorities for state regulation and strategic actions aimed at fostering human capital development, grounded on sustainability principles and post-war recovery needs. - Identify: Key issues in human capital development arising from economic, social, ecological and war-induces factors. - Conduct: Expert assessments of the implementation and outcomes of state regulation and targeted programmes for human capital development. - Address: State programmes focused on human capital formation and enhancement within the national economy. - Develop: Socially and human-oriented state programmes aligned with national strategic objectives. <p>Upon completing the course, a PhD student will acquire both general and professional competencies:</p> <ul style="list-style-type: none"> - General Academic Competencies: GC01, GC02, GC04, GC05; - Specific (Professional) Competencies: SC03, SC 05, SC 06, SC 09, SC 11. <p>The normative content of training for a Doctor of Philosophy is described by the following learning outcomes (LO): LO01, LO02, LO04, LO09, LO11.</p>
Keywords	Human capital, human capital development, state regulation, state strategies, circular economy, sustainable development, inclusion, education, social protection, employment, labour market, state programmes, post-war economic recovery, national economy, artificial intelligence, universal basic income, forced migration, state budget, budgetary funding.
The training course format	Full-time/Part-time
	Lectures, practical classes, and consultations for enhanced understanding of the topics

Topics	See THE TRAINING COURSE FRAMEWORK**																								
Final control, form	Examination at the end of the semester Format: Written																								
Prerequisites	To complete the course, PhD students will need a foundational understanding of economics, national economy, regional economy, and law, sufficient to grasp the concepts of programmes of human potential development.																								
Teaching Methods and Techniques Utilised During the Training Course	Presentations, lectures, collaborative learning (forms - group projects, joint developments), discussion																								
Necessary Equipment	Considering the nature of the training course, the study may not require specialised software, except for commonly used programs and operating systems.																								
Assessment Criteria (separately for each type of educational activity)	<p>The assessment is conducted on a 100-point scale. Points are awarded according to the following ratio:</p> <ul style="list-style-type: none"> – practical classes: 30 % of the semester grade; maximum number of points is 30 – control measurements (modules): 10 % of the semester grade; maximum number of points is 10 – an individual research task: 10% of the semester grade; maximum number of points is 10 – examination: 50% of the semester grade; maximum number of points is 50 <p>The final maximum number of points for credit is 100</p> <p style="text-align: right;"><i>Table 1</i></p> <p style="text-align: center;">Assessment scale: national and ECTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Grades</th> <th>ECTS scores</th> <th>Scores (national scale)</th> </tr> </thead> <tbody> <tr> <td colspan="2">90-100</td> <td>A – excellent</td> <td>5</td> </tr> <tr> <td rowspan="2">71-89</td> <td>81-89</td> <td>B – very good</td> <td rowspan="2">4</td> </tr> <tr> <td>71-80</td> <td>C – good</td> </tr> <tr> <td rowspan="2">51-70</td> <td>61-70</td> <td>D – satisfactory</td> <td rowspan="2">3</td> </tr> <tr> <td>51-60</td> <td>E – enough</td> </tr> <tr> <td colspan="2">0-50</td> <td>FX – unsatisfactorily (with the possibility of re-assembly)</td> <td>not passed</td> </tr> </tbody> </table> <p>Written works: PhD students are expected to complete several types of written works (essays, case studies).</p> <p>Academic integrity: PhD students' work is expected to be their original research or reasoning. Lack of references to sources used, fabrication of sources, copying, interference in the work of other PhD students are, but are not limited, examples of possible academic dishonesty. Detection of signs of academic dishonesty in the student's written work is the basis for its non-inclusion by the teacher, regardless of the extent of plagiarism or deception.</p> <p>Attending classes is an important part of learning. It is expected that all PhD students will attend all lectures and practical classes of the training course. PhD students should inform the teacher about the impossibility of attending classes. In any case, students are required to meet all deadlines set for all types of written work provided by the training course.</p> <p>Literature. All literature that PhD students will not be able to find on their own will be provided by the teacher exclusively for educational purposes without the right to transfer it to third parties. PhD students are also</p>	Grades		ECTS scores	Scores (national scale)	90-100		A – excellent	5	71-89	81-89	B – very good	4	71-80	C – good	51-70	61-70	D – satisfactory	3	51-60	E – enough	0-50		FX – unsatisfactorily (with the possibility of re-assembly)	not passed
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	51-60	E – enough																							
0-50		FX – unsatisfactorily (with the possibility of re-assembly)	not passed																						

	<p>encouraged to use other literature and sources that are not among those recommended.</p> <p>Grade policy. The points gained on the current testing, independent work and the points of the final testing are taken into account. At the same time, it is necessary to take into account the attendance at classes and the activity of the student during the practical lesson; inadmissibility of absences and delays for classes; use of a mobile phone, tablet or other mobile device during classes for non-learning purposes; copying and plagiarism; untimely performance of the task, etc.</p> <p>No form of violation of academic integrity is tolerated.</p>
Survey	An assessment questionnaire for assessing the quality of the training course will be provided upon completion of the course

THE TRAINING COURSE FRAMEWORK
“Human Capital in National Economic Development Strategies”

Week	Topic, Items, Short Description	The Form of Activity **	A Set Literature. *** Resources on the Internet	Task, hours	Dead-line
1	Topic 1: The Theoretical Framework for Advancing Human Capital Development <ol style="list-style-type: none"> 1. Characteristics of an Innovative Economy and Its Implications for Human Capital Development 2. The Human Capital of Ukraine’s Economy for Fostering an Innovative Economic Landscape and Post-War Recovery 	Lecture, Presentation, Individual Work, Discussion.	(1,2,3,12,14) *(1,2)	To explore the assigned readings, to prepare for the practical class	Two weeks
2					
3	Topic 2: State Regulation Framework for the Development of Human Capital in the Ukraine’s Economy <ol style="list-style-type: none"> 1. The Nature of State Regulation and Types of Human Capital Development Programmes 2. State-Targeted Programmes for the Enhancing Human Capital Accumulation 3. Macroeconomic and Spatial Planning in the Framework of State Regulation of Human Capital Development 	Lecture, Presentation, Individual Work, Discussion.	(1,2,3,11,13) *(3)	To explore the assigned readings, to prepare for the practical class	Two weeks
4					
5	Topic 3: Human Capital Development and Key Approaches in State Strategies <ol style="list-style-type: none"> 1. Current Status of Programme-Based Targeting within the Budgetary Process 2. Fostering National Human Capital: Framework for Social and Humanitarian Programmes 3. Enhancing Human Security through Targeted Programmes 4. Implementation of Scientific and Technical Programmes for Advancing Human Potential. 	Lecture, Presentation, Individual Work, Discussion.	(1,2,4,6) *(4,5)	To explore the assigned readings, to prepare for the practical class	Two weeks
6					
7	Topic 4: Crucial Priorities in the Implementation of State Strategies for Human Capital Development <ol style="list-style-type: none"> 1. Key Lines for the Development of Education and Science within Digitalisation, Sustainable Development, and Post-War Recovery. 2. State Programmes as Instruments for Implementing Social and Humanitarian Development Priorities. 3. Identifying Medium- and Long-Term Priorities for Human Capital Development Programmes 	Lecture, Presentation, Individual Work, Discussion.	(1,5,7,9, 14) *(6)	To explore the assigned readings, to prepare for the practical class	Two weeks
8					
9	Topic 5: Specific Features of Formulating State Strategies in the Humanitarian Sector <ol style="list-style-type: none"> 1. Requirement to Harmonisation of State Strategies for the Development of Non-Market Services. 	Lecture, Presentation, Individual Work, Discussion.	(1,2,3,8, 14) *(7)	To explore the assigned readings, to prepare for the practical class	Two weeks
10					

	<ol style="list-style-type: none"> 2. Methodological Guidelines for Generating Synergistic Effects in State Strategies within the Humanitarian Sector. 3. Estimation of the Synergistic Effects of Programme Implementation in the Humanitarian Sector in Ukraine. 				
11	<p>Topic 6: Methodological Foundations for Human Capital Development Programmes</p> <ol style="list-style-type: none"> 1. Theoretical and Methodological Framework for Assessing the Efficiency of Social Programmes. 2. Defining Criteria of Significance for Human Capital Development Strategies. 3. Assessing the Social and Economic Effectiveness of State Employment Regulation 	Lecture, Presentation, Individual Work, Discussion.	(1,4,9,10,12) *(8)	To explore the assigned readings, to prepare for the practical class	Two weeks
12					
13	<p>Topic 7: Methodological Framework for Expert Evaluation of the Implementation of State Strategies for Human Capital Development</p> <ol style="list-style-type: none"> 1. Organizational Framework and Monitoring Mechanism for Effective Programme Implementation. 2. Framework and Methods for Calculating Performance Indicators for Human Capital Development Programmes. 3. Regulatory Framework and Methodology for Expertise of State Programmes in the Social and Humanitarian Fields. 	Lecture, Presentation, Individual Work, Discussion.	(1,6,13,14) *(9)	To explore the assigned readings, to prepare for the practical class	Two weeks
14					
15	<p>Topic 8: Improving State Budgeting for Human Capital Development Strategies</p> <ol style="list-style-type: none"> 1. Enhancing the Mechanism and Procedures of the State Programmes of Human Capital Development 2. Legislative Regulation of Priority Setting in the Funding of State Human Capital Development Programmes 3. Digitisation of Programme Budgeting Process in Ukraine 4. European Experience in the Development of State Strategies for Advancing Human Capital 	Lecture, Presentation, Individual Work, Discussion.	(1,2,3,5,9) *(10)	To explore the assigned readings, to prepare for the practical class	Two weeks
16					

Силабус підготувала:



д.е.н., професор Кічурчак М.В.