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ФИО: Ястребов Олег Александрович
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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University**

Faculty of Economics

(educational division (faculty/institute/academy) as programme developer)

Department of Management

(department realizing the PhD program)

COURSE SYLLABUS

Population economics and labor economics

(course title)

Scientific specialty:

5.2.3. Regional and industry economy

(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

Regional and industry economy

(PhD program title)

1. DISCIPLINE (MODULE) GOAL

The purpose of mastering a special discipline (5.2.3 Regional and sectoral economics (population economics and labor economics)) The aim is to develop independent economic thinking among graduate students based on a deep understanding of theoretical and methodological issues in the field of human resource management – the formation and rational use of the labor potential of each person and society as a whole when creating new social and labor relations in a market economy.

2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

The main objectives of the discipline are:

– the study of the essence and mechanisms of economic processes in the world of work in the context of human activity and society. Its solution is based on the study of the methodological provisions of economic labor theory, which reveals the fundamental role of labor in human and social life, as well as the socio-economic features of labor in specific historical conditions.;

– study of the factors and reserves of effective employment, formation and rational use of labor potential, improvement of labor efficiency and productivity;

– identification of the interrelationships of social and labor relations with economic relations and processes observed in the national market-type economy focused on social development, as well as the interrelationships of the labor market with the markets of raw materials, capital, stock markets.

As a result of studying the discipline "Population Economics and Labor Economics", a graduate student should: know: the features of population as a subject and object of economic relations, economic, institutional and socio-cultural determinants of the dynamics of demographic processes, the relationship between demographic and economic behavior. be able to: apply theoretical knowledge in solving practical problems and to achieve the goals set for society and the state economy to ensure the effectiveness of the national economy in terms of ensuring sustainable population development. possess: skills and tools for assessing the economic and other types of effectiveness of government decisions; skills of working with external organizations (the Ministry of Labor and Social Protection of the Russian Federation, the Pension Fund of the Russian Federation, the Social Insurance Fund of the Russian Federation, the Federal Compulsory Medical Insurance Fund, the Federal Labor and Employment Service, etc.), skills of analyzing socio-demographic indicators.

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline "Population Economics and Labor Economics" is 3 credits (108 academic hours).

Type of activities		Total, ac. h.	Semester
			3
Lectures (LC)		18	18
Laboratory activities (LA)		–	–
Practical lessons/Seminars (PC)		36	36
<i>Independent work</i>		18	18
<i>Intermediate certification (test with assessment/exam)</i>		36	36
Overall workload	ac. hrs.	108	108
	credits	3	3

4. CONTENT OF THE DISCIPLINE

Name of the discipline section	Content of the section (topics)	Type of study work*
<p>Population as a subject and object of economic relations. Economic, institutional, and sociocultural determinants of demographic dynamics. The relationship between demographic and economic behavior. The concept of human development.</p>	<p>The concept of population. The population as a subject and object of demographic, economic and social processes and phenomena. The main demographic indicators. The population as an element of productive forces and as a carrier of industrial relations. Self-reproduction of the population. Determinants of demographic processes. Economic, institutional, and sociocultural determinants of demographic dynamics. The composition and structure of the population. Quantitative and qualitative characteristics of the population. The natural, mechanical, and social movement of the population. Demographic and economic behavior. Fertility, marriage, and childbearing as determinants of demographic behavior. Demographic behavior factors. Motivation and stimulation of demographic behavior. Features of the manifestation of economic behavior. The concept of human development. The relationship between economic development and population reproduction.</p>	<p>LC, PC, IW</p>
<p>Economic demography: concepts, trends, indicators. The influence of demographic factors on economic development.</p>	<p>Economic demography as a science: purpose, object and subject of research. Research directions in economic demography: population size, its sex and age structure, life expectancy and quality of life, labor force qualifications, population migration and its socio-economic consequences. Economic and demographic indicators. Country and regional economic and demographic differentiation. The population in various subsystems of the world economy. Population dynamics and its impact on economic processes. Economic processes and their impact on the dynamics, standard and quality of life of the population.</p>	<p>LC, PC, IW</p>

<p>Generational change in demographic and socio-economic processes. Intergenerational transfers of income and resources. The economics of population aging</p>	<p>Age structures of the population. Generational Economics: P.Samuelson and F.Modigliani. The model of intersecting generations. Demographic transition. Theory of R. Lee and E. Mason, demographic dividend. The concept of the economic life cycle by R. Bramberg. Transfer systems of income redistribution. National transfer (intergenerational) accounts are a new approach to the analysis of economic and demographic interrelations. The aging of the population and the slowdown in economic growth. Life cycle deficit and effective economic support. The aging of the population and the threat of a budget crisis. Demographic processes as a source of risks for public finances. The economics of population aging. The structure of personal income and expenses. Transformation of consumption and features of consumer behavior in old age. Fiscal and social policy. Government programs for active longevity.</p>	
<p>Household economics. Household structure and budgets. The life cycle of a family. The specifics of domestic work and the problems of its accounting.</p>	<p>Classification and role of households in the socio-economic and financial system. The concept and essence of household finance. Features of household finances. Household structure and budgets. Household income. Household expenses. Household finances as indicators of the well-being of the population. The role of households in market relations. Tools for converting household savings into investments. Financial goals. Individual households. Group households. Household classification criteria: Territorial and regional affiliation, demographic characteristics, property characteristics, income characteristics, economic characteristics, labor potential, social status of the household. The life cycle of a family. Family dynamics. Changes in its structure and functions depending on the stages of vital activity. The specifics of domestic work and the problems of its accounting.</p>	<p>LC, PC, IW</p>

<p>The economics of inequality. Gender economics. Positive and negative aspects of inequality in the context of economic development problems.</p>	<p>Inequality as an interdisciplinary phenomenon. The scientific school of T.Piketty. Economic, social, and ethnic inequality. Forms, types, and types of inequality. The economic foundations of inequality and the forms of its manifestation. Economic income differentiation. Indicators and methods of measuring economic inequality. Theories of gender by D.Mani, R.Stoler, N.A.Blokhin, Rimashevskaya N.M. Gender inequality in formal and non-formal sectors of the economy. Gender asymmetry. Problems of gender economics: the impact of the education level of men and women on their involvement in economic activity; the degree of involvement of men and women in the economic process; the ratio of wage levels for men and women; the ratio of professional and career growth opportunities for men and women; the division of fields of activity into "male" and "female"; features of the organization of work for men and women; features of motivation for men and women; the ratio of opportunities for men and women when applying for jobs in various fields of activity; the ratio of unemployment rates for men and women. Positive and negative aspects of inequality in the context of economic development problems: maximizing the manifestation of individual abilities, stimulating economic growth, streamlining the economic sphere, a source of social contradictions, provocation of social unrest.</p>	<p>LC, PC, IW</p>
<p>Spatial settlement of the population. Ethno-regional peculiarities of population reproduction. The processes of urbanization and deurbanization.</p>	<p>Economics is the science of the settlement of peoples. Principles, patterns, and determinants of spatial population distribution. The evolution of forms and methods of spatial settlement of peoples. Types of settlement. Ethnic centers and ethnic enclaves. Features of population reproduction in different types of settlement points. Territorial principle of economic development. Urbanization and deurbanization. Typology of the area, classification of cities. The economic importance of population settlement</p>	<p>LC, PC, IW</p>

<p>Cost, standard and quality of life. Poverty: indicators, measurement methods, socio-demographic determinants</p>	<p>The standard of living is the degree to which a person's needs are met. Quality of life as a subjective assessment of the degree of satisfaction of a person's material and spiritual needs. Methods for assessing the level and quality of life. Poverty as a characteristic of the economic situation of an individual or a social group. The causes of poverty are economic, socio-medical, demographic, educational and qualification, political, regional-geographical, religious-philosophical and psychological. Absolute and relative poverty. Cost of living. The cost of living. Methodological approaches to determining the cost of living</p>	<p>LC, PC, IW</p>
<p>The economics of health. Health as a component of human capital. The impact of population health on economic development.</p>	<p>Individual and public health (population). Health capital as an element of human capital. Properties and functions of health capital. Health capital structure: basic and acquired capital. Health as a durable commodity: M.Grossman's model. Health as a terminal and instrumental value. Costs and investments in health. The structure of the individual health budget. The cost of illness and a healthy lifestyle. Consumer behavior in the field of health care. Health capital as a national treasure. Macroeconomics of health. The public health system. Functions, principles of organization and functioning of national health systems. Financing of healthcare systems. The impact of population health on economic development. Public health as an element of the state's economic policy. The market of medical products and services. Supply and demand in the market of medical products and services.</p>	<p>LC, PC, IW</p>
<p>Demographic forecasts. Historical and prospective population studies. Modeling of demographic and economic-demographic processes.</p>	<p>Historical studies of demographic processes. Prospective population studies. The population census. Statistical accounting of population size and movement. Special sample studies. Modeling and forecasting in demography. Principles of demographic forecasting: taking into account the features of demographic development in the past, the features of the socio-economic situation; the use of a reliable information base for forecasting and scientific methods of its construction, etc. Classification of population forecasts.</p>	<p>LC, PC, IW</p>

Demographic policy, its relation to social and family policy. Social budgeting	Demographic policy as a factor in regulating demographic processes and phenomena. Policy regarding the population of childbearing age. Marriage and family policy. Maternity and childhood policy and birth control. Population planning. Demographic process management. Principles of building socio-demographic policy. Statistical and mathematical methods. Social budgeting. Types of social budgets. The physiological consumer budget. Minimum consumer budget. Social consumer budget.	LC, PC, IW
Economic and socio-demographic factors and concepts of human resource development.	Human resources as an economic category. Human resources in the structure of production factors. Reproduction of human resources. Features of reproduction of human resources. The role of economic and socio-demographic factors in the development of human resources. Interrelation of investments in human capital and public interests in the mechanism of human resources functioning.	LC, PC, IW
Labor economics theory	Theoretical and methodological problems of labor economics The labor market and reproduction of labor resources. Incentive and remuneration of employees. Rationing, organization, and humanization of labor. Productivity and labor efficiency. Social policy, its strategy and priorities	LC, PC, IW
Theoretical and methodological issues of labor management	Labor management mechanisms Planning the number of staff. Professional development and training of the workforce Regulation of labor management, social development and social partnership	LC, PC, IW

5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Room Type	Room Equipment	Specialized educational / laboratory equipment, software and materials for mastering the discipline
Lectures (LC)	Auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and midterm assessment, equipped with a set of specialized furniture and technical means for multimedia presentations	Not necessary
Class for Seminars	Room for seminar-type classes, equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets	Not necessary
Self-Work Class	Room for self-working (can be used for lecture and seminars activities), equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets and computers with an access to EIPES	Not necessary

6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

Main readings:

1. Demography: a textbook and a workshop for universities / A.V. Vorontsov, M. B. Glotov. Moscow: Yurait Publishing House, 2025. 287 p. (higher education). — ISBN 978-5-534-00865-4. - Text : electronic // Educational platform Yurayt [website]. - URL: <https://urait.ru/bcode/560152> (date of request: 03/24/2025).
2. Demography: textbook and workshop for universities / Under the general editorship of M. V. Karmanov. — 2nd ed., revised and add. Moscow: Yurait Publishing House, 2025. 327 p. (higher education). — ISBN 978-5-534-16008-6. - Text : electronic // Educational platform Yurayt [website]. - URL: <https://urait.ru/bcode/560558> (date of access: 03/24/2025)
3. Demography and population statistics: textbook for universities / Edited by I. I. Eliseev, M. A. Klupt.- 3rd ed., revised and add. Moscow: Yurait Publishing House, 2025. 405 P. <https://urait.ru/index.php/bcode/560210>
4. Labor market: textbook and workshop for universities / Edited by E. B. Yakovleva. — 2nd ed., ispr. and add. Moscow : Yurait Publishing House, 2025. 253 p. (higher education). — ISBN 978-5-534-09043-7. text: electronic // The Yurite educational platform [website]. - URL: <https://urait.ru/bcode/560614> (date of reference: 03/24/2025).
5. Labor theory: Textbook / Edited by S. A. Shapiro. Moscow: Direct-Media, 2022. 400 p.
6. *Additional literature:*
7. Human resource development in the Digital Age: Strategic Challenges, problems and opportunities: a monograph / O.V. Zabelin, I.B. Omelchenko, A.V. Mayorova, E.A. Safonova, 2021.
8. Aliev, I. M. Labor Economics [Electronic resource]: Textbook and workshop for universities / Aliev I. M., Gorelov N. A., Ilina L. O. – 4th ed. – Moscow : Yurait, 2020. – 486 p.
9. Shchipanova, D.G. Labor Economics [Text]: Textbook / Moscow University for the Humanities 1. Moscow: RIOR Publishing Center, 2020. 332 p.
10. Genkin, B. M. Labor Economics [Text]: Textbook / St. Petersburg State University of Economics. - 1. – M.: LLC "Legal Publishing house Norma", 2019. – 352 p.
11. Non-standard employment as a form of using working time / A.A. Razumov, I.V. Tsygankova, G.V. Antonova, O.Y. Nikishina, 2017.
12. The Russian socio-economic system: realities and vectors of development / R.S. Grinberg, P.V. Savchenko, 2014.
13. Global economic development: trends in asymmetry regulation / D. Lukyanenko, V. Kolesov, A. Kolot, Ya. Stolyarchuk, 2013.
14. Demographic aspects of socio-economic development / M.B. Denisenko, 2012.
15. Regional demographic policy / V.V. Elizarov, N.G. Dzhanaeva, 2012.
16. Labor market in modern Russia: optimization priorities / A.I. Chekmenev, 2012.
17. International Labor Organization: conventions, documents, materials / Z.S. Bogatyrenko, 2011.
18. Modern labor economics: A monograph / Head of the author. number and scientific editorship of V.V. Kulikov. Institute of Labor of the Ministry of Labor of Russia (Scientific Research Institute of Labor). Moscow: Finstatinform CJSC, 2001. 660 p.
19. Mazin, A. L. Labor economics [Text]: a textbook for university students of economic specialties / A. L. Mazin. – 3rd ed., reprint. and add. – M.: UNITY, 2014. – 623 p. 14

20. Roфе, А. И. Labor economics [Text]: textbook for university students studying in the specialty 080104 "Labor Economics" and other economics. specialties / А. И. Рофе. – 2nd ed., ster. – М.: KnoRus, 2011.
21. Modern labor economics: A monograph / Head of the author. number and scientific editorship of V.V. Kulikov. Institute of Labor of the Ministry of Labor of Russia (Scientific Research Institute of Labor). Moscow: Finstatinform CJSC, 2001. 660 p.

Internet sources:

ELS RUDN University and third party EBS, to which university students have access based signed contracts:

- RUDN Electronic Library System, <http://lib.rudn.ru/MegaPro/Web> ;
- ELS University Library Online, <http://www.biblioclub.ru> ;
- EBS Urayt, <http://www.biblio-online.ru> ;
- ELS Student Consultant, <http://www.studentlibrary.ru> ;
- EBS Lan, <http://e.lanbook.com> ;
- EBS Trinity Bridge <http://www.trmost.ru>
- Databases and search engines:
- Electronic fund of legal and normative-technical documentation, <http://docs.cntd.ru> ;
- Yandex search system [https:// www .yandex.ru](https://www.yandex.ru) ;
- Google search system <https://www.google.com> ;
- Reference database Scopus , <http://www.elsevierscience.ru/products/scopus>

Educational and methodological materials for students' independent work in mastering the discipline/module:

A course of lectures on the discipline "Methodology of scientific research".

7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR MIDTERM ATTESTATION OF STUDENTS IN THE DISCIPLINE (MODULE)

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified on the TUIS platform.

DEVELOPERS:

Associate Professor of the Department of Management



Vavilina A.V.

HEAD OF THE DEPARTMENT

Head of the Department of Management



Vavilina A.V.