

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
BILA TSERKVA NATIONAL AGRARIAN UNIVERSITY

APPROVED
Academic Council of Bila Tserkva
National Agrarian University
Protocol № from «___» June 2016

Chairman of the Scientific Council of the Bila Tserkva NAU
rector _____ A. S. Danylenko

EDUCATIONAL SCIENTIFIC PROGRAM

DISCIPLINE	05 . SOCIAL AND BEHAVIORAL SCIENCES
SPECIALITY	051 ECONOMICS
LEVEL OF HIGHER EDUCATION	THIRD (EDUCATIONAL-SCIENTIFIC) LEVEL

051 – Economics	
Type of diploma and program volume	Diploma of Doctor of Philosophy, first degree, 4 academic years, 40 ECTS credits
Institution of higher education	Bila Tserkva National Agrarian University
Licensing institution	Ministry of Education and Science of Ukraine, Ukraine, 10 Peremogy Avenue, Kyiv, 01135
Licensing period	2016 year
Program level	QF for EHEA - third cycle, EQF for LLL - 8 level; NRC of Ukraine - level 8
A	The object of the program
	To develop research skills and deepen the worldview understanding of contemporary formation problems and economic relations development in the economic spheres, methods, mechanisms and tools and technologies of economic systems functioning and provide highly qualified specialists training capable of carrying out original research in the economics field on the widespread use basis of scientific research methods, new scientific knowledge generation, theoretical and methodological basis formation of economic development taking into account the necessity to ensure a rational combination of sustainable development and economic growth, resource potential rational use in globalization period, provide testing and practical implementation of scientific results, prepare and present the dissertation.
B	Characteristics of the program
1	Study field (discipline) Social and behavioral sciences.
2	Program focus: general/special General: Research in the field of economic relations that arise in the formation process, development (stabilization) and destruction of economic systems.
3	Program orientation Fundamental scientific researches of theoretical and methodological principles, scientific methodical and applied principles, development, tendencies and functioning regularities of economic systems, approaches and management methods of these systems (state, transnational, regional, corporate management structures), institutional and infrastructural aspects of the economic systems development, as well as economic relations in the economic agrarian sector and its branches: agriculture, food and processing industry, rural areas agricultural machinery, wholesale and retail trade in food and agricultural products, services for enterprises and organizations, industrial and social infrastructure, rural development.
4	Program Peculiarities The program is implemented by scientific groups, provides for the application of a general scientific wide range and special economic methods, principles and scientific research methods, mastering modern macro and microeconomic theories, the practical use of qualitative and quantitative methods, taking into account foreign experience and leading domestic practices in the economic field.

		It is planned to prepare a dissertation, to hold profound lecture courses, practical classes, trainings and independent research work, with a compulsory scientific internship program and personal portfolio development of one's scientific experience.
C		
Employment and further education		
1	Employment	<p>Postdoctoral positions in research groups at universities and research institutions; experts in the field of applied economics; executives and managers of innovative research programs.</p> <p>Teachers of theoretical and applied economic courses at educational institutions of accreditation's different levels.</p> <p>Relevant workplaces in public, political and state authorities, enterprises and institutions, including information and consulting structures, information and telecommunication industry (scientific research and economics).</p> <p>Independent employment.</p>
2	Further education	<p>Life-long learning for the development and improvement of scientific, educational, scientific, consulting and other activities.</p> <p>Participation in the work of scientific societies, associations, federations, public professional and other organizations.</p> <p>Individual research grants are available that include an additional educational component.</p> <p>Further doctoral studies are possible.</p>
D		
The style and method of training		
1	Approaches to teaching and learning	<p>Interactive collaboration with a research leader, colleagues from a research group and university teaching staff is based on active learning, mainly on an individual, large-scale research project that is carefully controlled, which puts a residual responsibility on the researcher at the initial stage for the choice of method, subject, and time organization.</p> <p>Studying scientific material through a variety of interactive courses: problem-oriented lecture courses, research seminars, group and individual consultations, presentations, internships, research portfolio development, self-training in the library and the Internet.</p>
2	Evaluation system	Written and oral examinations (problem and scientific tasks), seminars and scientific reports with assessment of the achieved results, research results discussion (including test results: scientific articles and reports at conferences), presentation of dissertation work
3	Control form of postgraduate (applicant) succeeding in studies	<p>Educational component of the program. The final control of the postgraduate studies (applicant) success is carried out in the form of:</p> <ul style="list-style-type: none"> - examination - on the results of studying such compulsory disciplines of the educational program as philosophy and foreign language (by professional orientation), as well as a complex professional examination based on the results of the study of the professional training; - credit - on the results of studying all other disciplines provided by the curriculum.
Scientific component of the program. The final result of the postgraduate studies (applicant) is		

properly designed, according to the results of scientific research, the manuscript of the dissertation, its public defense and the awarding of the doctor of philosophy scientific degree in the specialty 051- Economics.

Program competencies

Abstract substantiation and modeling of the problem - the ability to identify relevant issues and outline them in such a way as to implement and transform scientific knowledge and understanding.

Research capacity - the ability to initiate and perform research (individually or in a scientific group).

Independent work, time management - the ability to organize the acquisition of theoretical and practical tools, directing efforts and combining the results of various studies and analyzes, presenting the final result to a specific deadline.

Group work - the ability to work in a large research group, motivate people and achieve common goals, develop and manage projects, make informed decisions, understand the responsibility for the results of work, and taking into account budget costs and personal responsibilities.

Creativity is the potential of creativity in generating ideas and achieving scientific goals.

Communication skills - the ability to communicate effectively with special and general audiences, as well as to present complex information in a convenient and understandable way, both verbally and in writing, using relevant scientific terminology and methods, have the ability to participate in scientific discussions, be serious about the thoughts of others, be able to develop it and critically evaluate.

International horizons - the ability to work in a large international group, respect the national and cultural traditions of other members of the group.

Ability to scientific and professional foreign language broadcasting. Ability to use a foreign language for presentation of scientific results in oral and written forms, for understanding foreign-language scientific and professional texts, for communication in foreign scientific and professional environments.

Management skills - the ability to work in a limited time and resources, as well as motivate and manage the work of others to achieve their goals.

Teaching skills - competence in teaching undergraduate and master level students through lecturing, practical and laboratory classes.

Quality and ethical commitment are knowledge of the standards and type of thinking required for scientific research and the publication of its results, including critical awareness and intellectual honesty. Demonstrate knowledge of ethical commitment and ethics of behavior during research.

Intellectual competence - the ability to carry out analytical and forecasting and innovation activities, develop and substantiate the choice of the most effective management decisions in the field of economics.

Cognitive competence - knowledge and understanding of the most important facts, concepts, principles and theories of economic development (economic relations, economic systems), the ability to apply this knowledge to solve the problems of qualitative and quantitative nature and rational solution of the scientific problem.

Integrative skills - the ability to integrate knowledge and skills and their effective use in conditions of rapid organizational adaptation to the requirements of the environment, to make integrated decisions in the economy, to organize information and methodological systems of research, to search partners and to develop research projects.

The skills of criticism and self-criticism are complexity in carrying out a critical analysis of various information sources, author's methods, specific educational, scientific and professional texts

in the field of economics; the ability to review publications and presentations on economics, as well as to participate in international scientific discussions, expressing and defending their position.

Social and psychological managerial skills - emotional, perceptual, conceptual and behavioral competence, namely: ability to lead, to purposefulness, ability to implement strategies, plans and ability to innovate, knowledge and skills in the field of perception, understanding of human behavior, motivation of their activities, high level of empathy and communicative culture.

Organizational skills - competence in specific spheres of managerial activity - decision-making, informational collection and analysis, work methods with people, rational work organization, etc.

Interpersonal skills - Collaboration in the local and international environment to complete specific tasks (collecting and processing data, developing analysis, results presentation and discussion).

Business qualities - competence in managerial skills: to diagnose the organizational system, to interpret the situation and make informed conclusions, to adopt quickly and implement non-standard decisions, etc.

Functional skills - wide application of innovations, IT technologies and procedures and tools in the economy, establishment of cooperation with scientific partners, associations, state and European and international institutions, innovative managerial skills in technologies and human resources management, managerial processes of innovative development.

Information technology - the ability to freely use IT for research and development projects, identify, receive, analyze and combine information from various sources, documents and texts to address relevant economic problems.

F	Program learning outcomes
	<p>Knowledge and understanding of a foreign language, skills and abilities to use it for presentation of scientific results in oral and written forms, understanding of foreign language scientific and professional texts, abilities and skills of communication in foreign scientific and professional environments, ability to work together with researchers from other countries.</p> <p>Be able to identify relevant issues and outline them in such a way as to implement and transform scientific knowledge and skills, initiate and perform research (either individually or in a scientific group).</p> <p>Be able to carry out scientific research independently, form theoretical and methodological base and develop practical recommendations on the improvement of the basic components of economic development, to clearly and clearly describe the results of scientific work, to be able to draw up a completed research in accordance with regulatory requirements, to prepare and successfully defend dissertation work on the basis of individual research .</p> <p>Be able to organize the acquisition of theoretical and practical tools, directing efforts and combining the results of various studies and analyzes, presenting the final result to a definite deadline.</p> <p>Be able to work in a large scientific group (including international ones), motivate people and achieve common goals, develop and manage projects, make informed decisions, understand responsibility for the results of work, and taking into account budget expenditures and personal responsibilities.</p> <p>To develop creativity potential in generating ideas and achieving scientific goals. Being able to communicate effectively with special and general audiences, as well as presenting complex information in a convenient and understandable way, both verbally and in writing, using appropriate scientific terminology and methods.</p> <p>Ability to work in a large international group, respect the national and cultural traditions of other members of the group.</p> <p>Be able to work in a limited time and resources, and motivate and manage the work of others to achieve their goals.</p>

	<p>To teach undergraduate and master level students at lecture, practical and laboratory classes, using different methodological approaches and educational technologies. Use the knowledge of the standards and typology of thinking necessary for scientific research and publication of its results, including critical awareness and intellectual honesty, demonstrate commitment to ethical obligations and ethics of conduct in scientific research.</p> <p>To conduct a scientific analysis of theories, concepts, terminological apparatus of research, to carry out financial and economic analysis, modeling and forecasting of the main directions of the economic system development (state, transnational, regional, corporate management structures, etc.).</p> <p>To manage analytical and forecasting and innovative activities, to develop and substantiate the choice of the most rational management decisions in the field of economics that would minimize and neutralize the risk exposure.</p> <p>Use knowledge and understanding of the most important facts, concepts, principles and theories of economic development, be able to apply this knowledge to solve problems of qualitative and quantitative nature.</p> <p>To integrate knowledge, abilities and skills and to use them effectively in conditions of rapid adaptation of organizations to the requirements of the environment, to make integrated decisions in the economy, to organize the management and information system, to organize the search of partners.</p> <p>Be able to prepare a scientific publication for publication in specialized publications (journals, collections of scientific works) with the observance of the relevant requirements, to conduct approbation of the results obtained at scientific conferences, congresses, symposiums, seminars and to implement the obtained scientific results in practical activity and educational process.</p> <p>Be able to review publications and presentations on economics, as well as participate in international scientific discussions, expressing and defending their position. Be able to formulate tasks and goals, develop and implement strategies, plans for innovation.</p> <p>To make decisions, to collect and analyze economic information, to use various methods of working with people, to organize their work and work subordinates rationally, and so on. Be able to build cooperation in the local and international environment to complete the special tasks related to the development of economic systems (data collection and processing, analysis, presentation and discussion of results).</p> <p>Diagnose the organizational system, interpret the situation and make informed conclusions, quickly adopt and implement non-standard decisions, etc.</p> <p>To be able to widely apply innovations, IT technologies and procedures and tools in the economy, to establish cooperation with scientific partners, associations, state and European and international institutions.</p> <p>To freely use IT for scientific research and project implementation, to identify, receive, analyze and combine information from various sources, documents and texts to address relevant economic issues (economic systems development, economic relations, etc.).</p>
G	Programmatic results of scientific work
	<p>Preparation and publication of scientific articles, monographs, scientific and methodological recommendations, theses of reports (the number of which is provided by the relevant normative-legal acts);</p> <p>Participation in the implementation of budget, inter-enterprise and research projects (topics).</p> <p>Participation in reports at conferences, seminars, forums.</p>

	Implementation of research results into practical activities and educational process. Preparation and public defense of the dissertation at the meeting of the specialized academic council.
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Project team leader
(guarantor of educational and scientific
Program):

Doctor of Economics, Associate Professor
_____ Shust Olena

Project group:

Doctor of Economics, professor
_____ Varchenko Olga

Candidate of Economic Sciences, Associate Professor
_____ Sokolskaya Tatyana