

# **BORYS GRINCHENKO KYIV UNIVERSITY**

«APPROVED»

Decision of the Academic Council,  
Borys Grinchenko Kyiv University

22 February 2018, Protocol No. 3

The Head of the Academic Council, Rector  
**Viktor Ogneviuk**

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## **Programme of Study (Vocational)**

### **051.00.01 City Economics. Urban Studies**

Field of Knowledge: **05 Social and Behavioural Sciences**  
Specialty: **051 Economics**  
Qualification: **Bachelor of Economics**

**LETTER OF APPROVAL**  
**Programme of Study (Vocational)**

The Chair of Finance and Economics  
Protocol No. 3, 8 November 2017

The Head of the chair \_\_\_\_\_ Andriy Ramskiy

The Academic Council of the Faculty of Information Technology and Management  
Protocol No. 4, 20 December 2017

The Head of the Academic Council \_\_\_\_\_ Alla Mykhatska

The Head of scientific and methodological centre of standardization and quality  
education \_\_\_\_\_ Olha Leontieva  
\_\_\_\_.\_\_\_\_. 2018

Vice-Rector on Academic Affairs \_\_\_\_\_ Oleksii Zhyltsov.

\_\_\_\_.\_\_\_\_. 2018

## PREAMBLE

The programme of study (vocational) complies with the Law of Ukraine "On Higher Education", 01.07.2015, No.1556-VII, and the Draft of the Standard for Higher Education of Ukraine in the field of knowledge 05 Social and behavioral sciences, specialty 051 Economics for Level One (Bachelor) of higher education by the project group:

**Valeriya Loiko**, Phd in Economic sciences, Associate Professor, Professor of the Chair of Finance and Economics of Borys Grinchenko Kyiv University

**Andriy Ramsky**, PhD in Economic sciences, Associate Professor, the Head of the Chair of Finance and Economics of Borys Grinchenko Kyiv University

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**Viktor Grushko**, PhD in Economic sciences, Professor, the Head of the Chair of National Economy and Finance of the "KROK University of Economics and Law"

**Ruslan Mann**, PhD in Economic sciences, Associate Professor, the Head of the Chair of Economics and Entrepreneurship of Cherkasy State Technological University

### Reviews of representatives of professional associations/employers:

**Volodymyr Udovychenko**, PhD in Economic sciences, Professor of the Chair of Management of Borys Grinchenko Kyiv University

President of the All Ukrainian non-governmental organization "Club of Mayors", the mayor of Slavutych city (1990-2015)

Honorary Representative of Ukraine to the Congress of Local and Regional Authorities of the Council of Europe, the Head of the Office of Reforms in the Kyiv region

### The programme of study is implemented for the first time

The term for the review of the programme of study: \_\_\_\_ times in \_\_\_\_ years

### Updated:

Date of Review of the PS /Amendments to PS			
Signature:_____			
Full name of the PS guarantor			

## 1. Profile of the Programme of Study (vocational) on the specialty 051 "Economics"

<b>1 – General information</b>	
<b>The full name of the higher education institution and the structural unit</b>	Borys Grinchenko Kyiv University Faculty of Information Technology and Management
<b>Degree of higher education and title of qualification in original language</b>	Bachelor Specialty: 051 Economics PS: 051.00.01 City economy. Urban Studies Qualification: Bachelor of Economics
<b>Official name of the programme of study</b>	051.00.01 City economy. Urban Studies
<b>Type of diploma and scope of education programme</b>	Bachelor degree, unitary, 240 credits ECTS, term of study – 3 years and 10 months
<b>Accreditation</b>	National Agency for Quality Assurance in Higher Education. Ukraine. Term of programme submission for accreditation – 2022
<b>Cycle/level</b>	National Qualifications Framework of Ukraine – Level Seven, FQ-EHEA – first cycle, EQF-LLL – Level Six
<b>Requirements</b>	Complete general secondary education
<b>Language (s) of teaching</b>	Ukrainian
<b>Validity of the programme of study</b>	2022
<b>Internet address of the permanent placement of the description of the programme of study</b>	<a href="http://kubg.edu.ua/">http://kubg.edu.ua/</a>
<b>2 - The purpose of the programme of study (vocational)</b>	
To provide students with education in the field of economics, taking into account the features of functioning of the city economy in conditions of European integration with broad access to employment, increasing academic mobility of students, expanding their perspectives for self-realization in further educational and professional activities.	
<b>3 - Characteristics of the programme of study</b>	
<b>Subject area</b>	<i>Objects of study and / or activity:</i> general rules and tendencies of the development of economic systems, enterprises and organizations taking into account the specifics of the functioning of the city economy and enterprises and organizations of the city, motivation and behavior of market actors, socio-economic processes, its modeling and regulation. <i>Learning objectives:</i> the formation of a highly qualified specialist who has modern economic thinking, theoretical knowledge and practical skills, capable of solving both current and non-standard tasks and problems in the field of functioning of the municipal economy of the Euro-integration direction. <i>Theoretical content of the subject area:</i> notions, categories, concepts, principles of social behavioral and economic sciences, which in aggregate provide multidirectional training of specialists in the organization of economic activity of enterprises, organizations and

	<p>institutions of the city and organizations of the public administration sector.</p> <p><i>Methods, methodology and technologies:</i> general scientific methods of cognition, mathematical, statistical and qualitative methods of economic analysis, economic and mathematical modeling, information and communication technologies, research methods and presentation of results.</p> <p><i>Tools and equipment:</i> modern information and communication equipment, information systems and software products used in economic activity.</p> <p><i>The ratio of the volume of general and professional components and the selected part:</i>  General competencies in the specialty (11.7%), professional competencies in the specialty (40.8%), share of training and production practices: (19.6%), selected specialization (25%), others (2.9%).</p>
<b>Orientation of the programme of study</b>	The programme of study with an applied focus on the specialization "City economy. Urban Studies"
<b>The main focus of the programme of study</b>	General education in the field of economics, in particular, the municipal Economics of the European integration, professional training and formation of knowledge, skills and other competencies in the methodology of training in the field of economics.
<b>Features of the programme</b>	The programme develops the prospects of obtaining knowledge and skills in economics, taking into account the specifics of the functioning of the city economy, the specifics of enterprises, institutions and organizations of the city, focuses on solving current economic problems.
<b>4 – Eligibility of graduates to employment and further studying</b>	
<b>Suitability for employment</b>	<p>Having obtained a Bachelor degree, graduates may hold positions in analytical, economic, financial, investment services of companies in the real sector, create their own enterprise, hold positions in management systems in state, regional and local government bodies or head the associations of co-owners of multi-apartment buildings.</p> <p>According to the National classification of professions DK 003:2010 specialists who were educated in the framework of the PS "City Economy. Urban studies" may hold following initial positions:</p> <ul style="list-style-type: none"> <li>economist;</li> <li>planning economist;</li> <li>investment analyst;</li> <li>consultant on economic issues;</li> <li>financial economist;</li> <li>pricing economist;</li> <li>columnist on economic issues etc.</li> </ul>
<b>Further learning</b>	Master degree programmes in economics, finance, entrepreneurship, interdisciplinary Master degree programmes with an economic component.
<b>5 – Teaching and assessment</b>	
<b>Teaching and learning</b>	Student-centered, problem-oriented learning, practice-oriented learning, training in centers of competence, initiative self-study. Lectures have an

	interactive scientific and cognitive character. Practical classes are held in small groups. Case study, situational tasks, business games and preparation of presentations using modern professional software tools are common.
<b>Assessment</b>	Cumulative rating system, which provides for student assessment for all types of classroom and non-auditing educational activities (control works, individual calculation works, modular control), semester tests and examinations, the defence of practice reports, comprehensive exam, defence of final qualification degree paper.
<b>6 - Programme competencies</b>	
<b>Integral competence</b>	Ability to solve complex specialized tasks and practical problems in the field of economics and education, which involve application of the theory and methods of economic science.
<b>General competence (GC)</b>	<b>GC-1</b> <i>Capacity for abstract thinking, analysis and synthesis:</i> understanding of the task in question; the ability to penetrate the essence of the phenomenon, problem, task, to identify the characteristic features, essential features and interrelations, to make analogies, to generalize; possessing a system, a holistic approach to the analysis and assessment of the situation and the solution of the problem..
	<b>GC-2</b> <i>Ability to apply knowledge in practical situations:</i> analysis of the economic and financial state of the enterprise based on the reporting data; making economic calculations, possession skills of planning and control, drawing up strategic, current and business plans according to gained and appropriate special methods.
	<b>GC-3</b> <i>Knowledge and understanding the subject area in professional activity:</i> Knowledge and understanding professional terminology and economic rules, the ability to analyse and make a structure for the economic problem of the enterprise and develop solutions.
	<b>GS-4</b> <i>Ability to communicate in oral form and in writing in English language:</i> to provide complex comprehensive information in abridged form orally and / or in writing using modern information and communication technologies and appropriate business language, including foreign language.
	<b>GS-5</b> <i>Skills of using information and communication technologies:</i> the ability to apply appropriate software and related package applications in conducting economic calculations and making reports.
	<b>GS-6</b> <i>Ability to search, process and analyze information from various sources:</i> present the results of work and substantiate the proposed solutions at the modern scientific, technical and professional level.
	<b>GS-7</b> <i>Ability to adapt and act in a new situation:</i> the ability to carry out leadership functions in a team in order to achieve a common aim; the ability to develop and manage projects, set goals, make decisions and embody it.

	<b>GS-8</b>	<b><i>Ability to creative and critical thinking:</i></b> the ability to generate new ideas, to come up with and find non-traditional solutions, gaining the flexibility of thinking, open to the use of acquired economic knowledge to solve the strategic and current tasks of economic development of the enterprise, as well as to apply the acquired economic knowledge in everyday life.
	<b>GS-9</b>	<b><i>Ability to make informed decisions:</i></b> the ability to organize their own activity and effectively manage time; the ability to navigate in different views on the problem and ways of its solution, to analyse and comprehend the resulting solution, to represent it reasonably.
	<b>GS-10</b>	<b><i>Interpersonal interaction skills:</i></b> ability to communicate effectively with specialists and non-specialists, including teaching skills; Ability to work in a team, including the ability to interact with colleagues and fulfilling the required work in due time.
	<b>GS-11</b>	<b><i>Ability to identify initiative and entrepreneurship:</i></b> internal need to perform work qualitatively; the ability to plan the stages and progress of the work to be performed, to evaluate and ensure the quality of the work, the ability to formulate problems and find ways to solve them in the enterprise's economic activity.
	<b>GS-12</b>	<b><i>Ability to act on the basis of ethical considerations (deliberately and with responsibility in society):</i></b> understanding the patterns of socio-political, cultural and economic development of Ukraine in the world community, awareness of the professional, social and civic roles in these processes; awareness of personal responsibility for the team, to which one belongs and for the fate of the country.
<b>Professional competence (PC)</b>	<b>PC-1</b>	<b><i>Ability to identify the regularities of functioning within the modern economy at micro and macro levels:</i></b> understanding the principles of economic rules, its relationship with business and management; understanding the relationship between basic knowledge, economic theories and elements of business functions, business enterprises, geographic regions, size of enterprises and sector of business.
	<b>PC-2</b>	<b><i>Ability to use normative and legal acts regulating professional activity:</i></b> the ability to understand normative legal acts in the field of economics and apply them in practice when adopting and substantiating economic decisions.
	<b>PC-3</b>	<b><i>Understanding of the main features of the leading scientific schools and directions of economic science:</i></b> the ability to understand a problem or task; competence of considering and applying traditional and non-traditional approaches to their solution, choose and justify the optimal solution.
	<b>PC-4</b>	<b><i>Ability to describe economic and social processes and phenomena on the basis of theoretical and applied models, analyze and comprehensively interpret obtained results:</i></b> the ability to explain a wide range of economic processes which are present in the enterprise and in the country, to describe some using theoretical and applied models and be able to interpret the

	results.
<b>PC-5</b>	<b><i>Understanding the main features of the modern world and national economy, the institutional structure, directions of social, economic and foreign economic policy of the state:</i></b> the ability to explain a wide range of financial and economic processes within the enterprise and the country.
<b>PC-6</b>	<b><i>Ability to apply economic and mathematical methods and models for solving economic problems:</i></b> the ability to simulate the economic situation of business entities and its effect for reflection in the economic and financial activities of the enterprise by expert means.
<b>PC-7</b>	<b><i>Ability to apply computer processing technologies for solving economic problems, analyzing information and preparing analytical reports:</i></b> the ability to work on informational financial and legal character for making necessary decisions; Ability to use information technology in finance to perform practical tasks in the field of professional activities.
<b>PC-8</b>	<b><i>Ability to analyse and solve tasks in the field of regulation of economic and social-labour relations:</i></b> the ability to demonstrate special knowledge and skills in organizational design, functional management of divisions of enterprises of various forms of ownership, production and business management.
<b>PC-9</b>	<b><i>The ability to predict socio-economic processes on the basis of standard theoretical and econometric models:</i></b> the ability to predict the behavior of economic agents, the development of economic processes and phenomena at the micro and macro levels on the basis of standard theoretical and econometric models.
<b>PC-10</b>	<b><i>Skills of using modern sources of economic, social, managerial, accounting information for drawing up the service documents and analytical reports:</i></b> Ability to find information using modern economic and other sources of information, the ability to use information to make enterprise reports.
<b>PC-11</b>	<b><i>Ability to use analytical and methodical tools for reasoning economic decisions:</i></b> the ability to use financial statements of the enterprise, economic and mathematical models and methods for reasoning and making economic decisions.
<b>PC-12</b>	<b><i>Ability to independently identify problems of an economic nature in analyzing specific situations, suggest ways to solve them:</i></b> the ability to solve a wide range of problems and tasks by understanding the fundamental economic bases and using both theoretical and experimental methods learned from the programme of the enterprise's economy, to make calculations of economic indicators of economic, financial, investment, innovation activity of the enterprise, carry out an assessment the efficiency of all types activity of the enterprise, to plan and predict all types of activity of the enterprise, using theoretical knowledge and practical skills
<b>PC-13</b>	<b><i>Ability to determine segmentation of the labor market, supply</i></b>



		<i>and demand structure, employment and unemployment:</i> the ability to use different sources of information to identify segments of the labor market, supply and demand structures, employment and unemployment.
	<b>PC-14</b>	<b>Ability to conduct an analysis of the functioning and development of business entities, the status of functional subsystems of enterprises, organizations and institutions:</b> possession of modern methods of collecting, processing and analyzing economic and social data; modern methods of calculation and analysis of socio-economic indicators that characterize economic processes and phenomena at the micro level.
	<b>PC-15</b>	<b>Ability to in-depth analyze problems and change the level or number of professional fields of activity within a separate form:</b> the ability to demonstrate the importance of enterprise behavior, as an industrial-market system in the market, the nature of changing the parameters of production functions in the short and long term.
<b>Professional competence of the PS (PCPS)</b>	<b>PCPS 1</b>	<b>Formation of professional competencies in solving economic issues for effective functioning of the city economy:</b> the ability to demonstrate the knowledge and skills of developing business projects to improve the lives of people in the city and focus on improving the functioning of the city economy in the conditions of the European integration of Ukraine.
	<b>PCPS 2</b>	<b>Development of innovative abilities:</b> acquisition of skills for situational assessment and making decision, and the basis for research and development of business plans for the implementation of innovation and investment projects, the development of start-up projects, the orientation of projects to improve the efficiency of the functioning of the municipal economy.
	<b>PCPS 3</b>	Ability to research and analyze economic and financial phenomena at the level of city economy in the conditions of European integration.
<b>7 – Programme learning outcomes</b>		
<b>Knowledge and understanding</b>	<b>PLO-K-1</b>	To know and use economic terminology, explain the basics of micro and macroeconomic concepts.
	<b>PLO-K-2</b>	To realize the main features of the modern world and national economy, the institutional structure, directions of social, economic and foreign economic policy of the state.
	<b>PLO-K-3</b>	To understand and plan personal career development opportunities.
	<b>PLO-K-4</b>	To understand and independently form the content, structure and conclusions of scientific and analytical texts on economics.
<b>Application of knowledge and understanding</b>	<b>PLO-U-1</b>	To demonstrate a stable understanding of the principles of economic science, the peculiarities of the functioning of economic systems.
	<b>PLO-U-2</b>	To use analytical and methodical tools for understanding the logic of making economic decisions by various economic agents (individuals, households, enterprises and state authorities).

<b>PLO-U-3</b>	To use professional arguments for reporting information, ideas, problems and ways to address them to professionals and non-professionals in the field of economic activity.
<b>PLO-U-4</b>	To explain the models of socio-economic phenomena from the point of view of fundamental principles and knowledge on the basis of understanding the basic directions of the development of economic science.
<b>PLO-U-5</b>	To apply suitable economic and mathematical methods and models for solving economic problems.
<b>PLO-U-6</b>	To identify supply and demand in the labor market, analyze the structure of employment and unemployment.
<b>PLO-U-7</b>	To analyze the functioning and development of economic entities, to identify functional areas, to calculate the relevant indicators that characterize the effectiveness of their activities.
<b>PLO-U-8</b>	To know how to analyze the processes of state and market regulation of socio-economic and labor relations.
<b>PLO-U-9</b>	To apply the acquired theoretical knowledge for solving practical problems and interpreting the obtained results.
<b>PLO-U-10</b>	To identify sources and understand the methodology of identification and methods of obtaining socio-economic data, to collect and analyze the necessary information, calculate economic and social indicators.
<b>PLO-U-11</b>	To be able to work independently and in a team.
<b>PLO-U-12</b>	To make a research on an order.
<b>PLO-U-13</b>	To demonstrate the basic skills of creative and critical thinking in research and professional communication.
<b>PLO-U-14</b>	To perform interdisciplinary analysis of socio-economic phenomena and problems in one or more professional fields.
<b>PLO-U-15</b>	To use normative and legal acts regulating professional activities.
<b>PLO-U-16</b>	To use information and communication technologies to solve socio-economic problems, preparation and representation analytical reports.
<b>PLO-U-17</b>	To obtain skills of oral and written professional communication in English.
<b>PLO-U-18</b>	To demonstrate abstract thinking abilities, apply analysis and synthesis to identify key characteristics of economic systems of various levels, also the special behavior of their subjects.
<b>PLO-U-19</b>	To demonstrate flexibility and adaptability in new situations, in working with new objects and in uncertain conditions.
<b>PLO-U-20</b>	To acquire skills of independent work, to show initiative and entrepreneurship, to be critical and self-critical.
<b>PLO-U-21</b>	To demonstrate the ability to act on the basis of ethical considerations, respect for the diversity of thoughts, individual and intercultural differences of people. (deliberately and with responsibility in society)
<b>PLO-U-22</b>	To acquire the skills of developing business projects based on the analysis of economic phenomena in the city life and aimed at improving the efficiency of the functioning of the municipal

	economy in the conditions of European integration development of Ukraine.
<b>PLO-U-23</b>	To acquire skills for assessing the situation and decision-making and the basis of research and development of business plans for the implementation of innovation and investment projects, the development of start-up projects, the orientation of projects to improve the efficiency of the functioning of the municipal economy.
<b>PLO-U-24</b>	To acquire the skills of analysis and assessment of economic situations at the level of the municipal economy taking into account the European integration direction of the Ukrainian economy.
<b>8 - Resource support for the implementation of the programme</b>	
<b>Personnel support</b>	The personnel support of the PS consists of the academic staff of the Chair of Finance and Economics of the Faculty of Information Technology and Management. The academic staff of the Chairs is involved in the teaching of certain disciplines in accordance with their competence and experience. The practice-oriented nature of the PS involves a broad participation of experts who correspond to the specialization of the programme, which enhances synergy between theoretical and practical training. The head of the project team and the academic staff, which ensures its implementation, meets the requirements specified by the License Terms for conducting academic activity of educational institutions.
<b>Material and technical support</b>	Centers of competence development are specially equipped with hardware-software, visual and methodological materials namely: 1) "Center of Economic Didactics"; 2) "Innovation Providing Center"; 3) "Center for Municipal Economics".
<b>Information and methodological support</b>	Librarian electronic resources, electronic scientific publications, electronic training courses with the possibility of distance learning and independent work, Microsoft cloud services.
<b>9 - Academic mobility</b>	
<b>National credit mobility</b>	
<b>International credit mobility</b>	The Regulations on the procedure for the implementation of the right on academic mobility of participants in the educational process of the University were put into effect by order dated September 30, 2016. Agreements that stipulate student mobility have been concluded with universities of European countries and within the framework of the Erasmus+ KA1 programme. Among them: Vilnius University (Lithuania), Constantine the Philosopher University in Nitra (Slovakia), University of Extremadura (Spain), University of Silesia in Katowice (Poland), Jan Dlugosz University in Czeshtochowa (Poland), University of Ostrava (Czech Republic), Paris-Sorbonne University (France), University of Lisbon (Portugal) and others.
<b>Studying of foreign applicants for higher education</b>	

## 2. The list of the Components of the Programme of Study (vocational) Economics and Their Logical Coherence

### 2.1. The list of Components of the PS

E/s code	The components of the PS (disciplines, term projects (course works), practices, degree paper)	The number of semester credit hours	The form of the Final Control
1	2	3	4
<b>Obligatory components of the EP</b>			
<i>Formation of general competencies</i>			
ODZ.01	University studies	4	credit
ODZ.02	Ukrainian studies	6	exam
ODZ.03	Philosophy studies	4	exam
ODZ.04	Foreign Language	10	exam
ODZ.05	Physical Education	4	credit
<i>Formation of professional competencies</i>			
<i>Selection of basic preparation</i>			
ODF.01	Economy Studies	4	exam
ODF.02	Economics	7	credit, exam
	Economics – I	4	credit
	Economics – II	3	exam
ODF.03	Mathematics in Economics	6	credit, exam
ODF.04	Econometrics	4	credit
ODF.05	Statistics	4	credit
ODF.06	Information and communication technologies in the field	4	credit
ODF.07	Economy of the enterprise I.	4	exam
ODF.08	Economy of the enterprise II	4	exam
ODF.09	Coursework (ODF.07 and ODF.08)	1	defense
ODF.10	Management and marketing	4	exam
ODF.11	Finance, money and credit	6	exam
ODF.12	Financial Accounting	4	credit
ODF.13	Financial planning and budgeting	4	exam
ODF.14	Commercial law	4	exam
<i>Selection of professional training</i>			
ODF.15	Entrepreneurship and business	4	exam
ODF.16	Providing Innovation	4	credit
ODF.17	Economic and mathematical methods and models	4	exam
ODF.18	Economic analysis	4	exam
ODF.19	Economic security	4	credit
ODF.20	Internal economic mechanism of the enterprise	4	credit
<i>Selection of specialization 'City economy. Urban Studies'</i>			
ODF.21	Investment and business planning	4	exam
ODF.22	City economy	6	exam
ODF.23	City Management	4	exam
<i>Total amount of theoretical training</i>		98	-
<i>Practice</i>			

OP.1	Educational (adaptive) practice	3	credit
OP.2	Field practice	21	credit, credit, credit
OP.3	Filed practice (on specialization)	15	credit
OP.4	Pre-diploma practice	7,5	credit
<i>Total amount of practice</i>		46,5	-
<b>Assessment</b>			
OA.1	Comprehensive examination (ODF.7-8, ODF.18 -19)	1,5	
OA.2	Preparation and Defense of Qualification Bachelor Degree Paper	6	
<b>Total amount of obligatory components</b>		<b>180</b>	
<b>Selective components of the EP</b>			
<i>Selection of specialization 'City economy. Urban Studies'</i>			
VDS.1.01	Foreign Language (Advanced Course)	10	credit, credit, credit
VDS 1.02	European studies	4	credit
VDS.1.03	Urban studies. Modern city	7	test, exam
VDS.1.04	Strategic development of the city	5	exam
VDS.1.05	Ecological Urbanism	5	credit
VDS.1.06	Economic fundamentals of property management of a territorial community	5	exam
VDS.1.07	Organization of startups projects	4	credit
	Selection from a catalogue of courses	20	credits
<b>Total amount of the optional components</b>		<b>60</b>	
<b>TOTAL AMOUNT OF THE PS</b>		<b>240</b>	

## Structural and logical scheme of the PS

<b>1 year</b>		<b>2 year</b>		<b>3 year</b>		<b>4 year</b>	
1 term	2 term	3 term	4 term	5 term	6 term	7 term	8 term
<b>Formation of general competencies</b>							
University studies 4 credits ECTS							
Ukrainian studies 4 credits ECTS							

	Philosophy studies 4 credits ECTS						
Foreign Language 10 credits ECTS							
Physical Education 4 credits ECTS							
<b>Formation of professional competencies</b>							
Economy Studies 4 credits ECTS	Entrepreneurship and business 4 credits ECTS						
Economics 7 credits ECTS							
Mathematics in Economics 6 credits ECTS		Econometrics 4 credits ECTS	Statistics 4 credits ECTS				
	Information and communication technologies in the industry 4 credits ECTS	Business Economics I 4 credits ECTS	Business Economics II 4 credits ECTS	Coursework 1 credits ECTS			
Management and marketing 4 credits ECTS			Commercial law 4 credits ECTS	Financial Accounting 4 credits ECTS	Financial planning and budgeting 4 credits ECTS		Comprehensive examination 1,5 credits ECTS
	Finance, money and credit 6 credits ECTS		Economic and mathematical methods and models 4 credits ECTS	Economic analysis 4 credits ECTS	Economic security 4 credits ECTS		Preparation of Bachelor degree paper 4 credits ECTS
	Educational (adaptive) practice 3 credits ECTS	Innovation Providing 4 credits ECTS	Field Practice 3 credits ECTS	Internal economic mechanism of the enterprise 4 credits ECTS	City economy, 6 credits ECTS	Management of the city 4 credits ECTS	Bachelor project Defense 1,5 credits ECTS
				Investment and business planning 4 credits ECTS	Field practice 6 credits ECTS	Field practice 12 credits ECTS	Field practice (in specialisation) 15 credits ECTS
<b>Selective academic disciplines</b>							

		Foreign Language (Advanced Course) 10 credits ECTS			
		European studies 4 credits ECTS			Organization of startups projects 4 credits ECTS
		Urban studies. Modern city 7 credits ECTS	Strategic development of the city 5 credits ECTS	Ecological Urbanism 5 credits ECTS	
					Economic fundamentals of property management of a territorial community 5 credits ECTS

### 3. Form of Certification for Higher Educational Learners

The certification of graduates for the PS 051 "Economics" is carried out in the form of the comprehensive examination on Enterprise Economy, Economic analysis, Economic security, the preparation and defense of graduate qualification Bachelor degree paper ends with the issuance of the document of the standard form leading to the corresponding bachelor degree qualification: "Bachelor of Economics". The certification is carried out openly to publicly.



#### 4. Matrix of the Programme Competence Compliance with the Programme Components

	ОДЗ.01	ОДЗ.02	ОДЗ.03	ОДЗ.04	ОДЗ.05	ОДФ.01	ОДФ.02	ОДФ.03	ОДФ.04	ОДФ.05	ОДФ.06	ОДФ.07	ОДФ.08	ОДФ.09	ОДФ.10	ОДФ.11	ОДФ.12	ОДФ.13	ОДФ.14	ОДФ.15	ОДФ.16	ОДФ.17	ОДФ.18	ОДФ.19	ОДФ.20	ОДФ.21	ОДФ.22	ОДФ.23	ОП.01-04	ВДС.1.01	ВДС.1.02	ВДС.1.03	ВДС.1.04	ВДС.1.05	ВДС.1.06	ВДС.1.07			
GC1	•		•					•	•																														
GC 2												•	•						•									•											
GC 3						•																				•	•												
GC 4				•																										•	•								
GC 5								•	•		•																												
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