

Ministry of Education and Science of Ukraine  
State Higher Educational Institution  
«Ukrainian State University of Chemical Technology»

Rector of the SHEI USCTU  
\_\_\_\_\_ K.M. Sukhyi  
«\_\_\_\_\_» \_\_\_\_\_ 2019 y.

**EDUCATIONAL-PROFESSIONAL PROGRAM**

**«ENTERPRISE, TRADE AND EXCHANGE ACTIVITY»**

(Name of the educational program)

**The first (bachelor's) level**

(name of higher education level)

**Bachelor**

(name of degree to be assigned)

**BRANCH OF KNOWLEDGE** 07 «Management and administration»

(cipher and name of field of knowledge)

**SPECIALTY** 076 «Enterprise, trade and exchange activity»

(code and specialty name)

Approved at the meeting of the  
Academic Council of the SHEI USUTU  
from «\_\_\_\_\_» \_\_\_\_\_ 2019 y.  
protocol № \_\_\_\_\_

Dnipro  
2019

Letter of approval  
EDUCATIONAL PROFESSIONAL PROGRAM

Higher education level	The first (bachelor's) level
Branch of knowledge	07 «Management and administration»
Specialty	076 «Enterprise, trade and exchange activity»
« COOKED »	« DEVELOPERS » (project team)
The first vice-rector, the head of the scientific and methodical council of the SHEI USUTU	Project team leader
<p>_____ <u>Zaichuk O.B.</u> ((signature) (surname and initials)</p> <p>„_____” _____ 2019 y.</p>	<p>_____ <u>Honchar L.A.</u> ((signature) (surname and initials)</p> <p>„_____” _____ 2019 y.</p>
	Project group:
Chief of scientifically-methodical center	_____ <u>Harmider L.D.</u> ((signature) (surname and initials)
_____ <u>Smotraev R.V.</u> ((signature) (surname and initials)	„_____” _____ 2019 y.
„_____” _____ 2019 y.	
Scientifically-methodical department	_____ <u>Riabtseva O.E./</u> ((signature) (surname and initials)
_____ <u>Fomenko G.V.</u> ((signature) (surname and initials)	„_____” _____ 2019 y.
„_____” _____ 2019 y.	
Dean of Faculty	
_____ <u>Chupryna N.M.</u> ((signature) (surname and initials)	
„_____” _____ 2019 y.	
Manager of department	
_____ <u>Harmider L.D.</u> ((signature) (surname and initials)	
„_____” _____ 2019 y.	
	The educational-professional program was granted by the order of the rector №__ from «__» _____ 201_y.

**I. PROFILE OF THE EDUCATIONAL PROFESSIONAL PROGRAM OF  
BACALAVA**  
from the specialty 076 "Entrepreneurship, trade and stock exchange  
activity"

<b>Program profile (general information)</b>	
<b>Full name of the qualification in the original language</b>	Higher Education Degree - Bachelor Specialty - 076 "Entrepreneurship, trade and stock exchange (name) activity"
<b>The official name of the educational program</b>	Educational and professional program "Entrepreneurship, trade and exchange activity" preparation of bachelor's degree in specialty 076 "Entrepreneurship, trade and exchange activity"
<b>Type of diploma and volume of educational program</b>	Bachelor's Degree in Entrepreneurship, Trade and Stock Exchange, single (double, joint with relevant contracts, training programs); 240 ECTS credits based on complete general secondary education; not less than 120 ECTS credits based on the Bachelor's Degree (Junior Professional Education)
<b>Full name of higher education institution awarding qualification</b>	State Higher Educational Institution "Ukrainian State Chemical Technology University"
<b>Accrediting organization</b>	Accreditation Commission of Ukraine (SEI "Educational and Methodological Center for Quality of Education") NAPQHE.
<b>Period of accreditation</b>	The validity period of the certificate after the initial accreditation is 5 years, after repeated - 10 years.
<b>Cycle / Level</b>	NQF Ukraine - level 6, FQ-EHEA - first cycle, EQF-LLL - 6 level
<b>Prerequisites</b>	Complete secondary education, ступень молодшого бакалавра (освітньо-кваліфікаційний рівень молодшого спеціаліста)
<b>Language (s) of teaching</b>	Ukrainian language
<b>A</b>	
<b>The purpose of the educational program</b>	
<b>The purpose of the educational program</b>	Training highly qualified specialists able to solve complex problems and problematic situations in the organization and implementation of business, trade and activity in the field of stock trading.
<b>Б</b>	
<b>Characteristics of the educational program</b>	
<b>Subject area (branch of knowledge, specialty)</b>	Knowledge Area 07 "Management and Administration" specialty 076 "Entrepreneurship, trade and exchange activity"
<b>The main focus of the</b>	General higher education in the field of creation of business, trading

<b>program and specialization</b>	and exchange structures.
<b>Program orientation</b>	The program focuses on modern scientific research in the field of entrepreneurship, trade and stock market activity and is based on the projected and tested practical results of the activity of enterprises in the field, taking into account the development of innovations and the prospects of their use and implementation.
<b>Features and differences</b>	The development of the program requires the passage of educational and industrial practice in modern leading business and trading structures, on the exchanges
<b>C</b>	<b>Ability to work and study</b>
<b>Ability to work</b>	Graduates may work as: Finance and Commerce Specialist, Dealer and Broker, Property Agent, Technical and Sales Representative, Purchaser, Commercial Broker Service Agent, Commercial Services Agent and Trading Broker, Sales and Sales Broker commodity exchanges, clearing agent (exchange commodity transactions) and expeditions, assistant managers. And, given the requirements of today, graduates can work as analysts in the study of commodity markets and exchanges; directors of sales departments in both wholesale and retail; commodity experts; foreign economic experts; product quality experts; managers in the field of entrepreneurship, trade and stock market activity.
<b>Further training</b>	Opportunity to study under the NRC of Ukraine program - 7th level, FQ-EHEA - second cycle, EQF-LLL - 7th level of knowledge area 07 "Management and administration" of specialty 076 "Entrepreneurship, trade and exchange activities"
<b>D</b>	<b>Teaching style and teaching methods</b>
<b>Approaches to teaching and learning</b>	Opportunity to study under the NRC of Ukraine program - 7th level, FQ-EHEA - second cycle, EQF-LLL - 7th level of knowledge area 07 "Management and administration" of specialty 076 "Entrepreneurship, trade and exchange activities"
<b>Methods of evaluation</b>	Oral and written exams, tests, tests, presentations, reports, coursework, certification.
<b>E</b>	<b>Program competencies</b>
<b>Integral competence (INT)</b>	The ability to solve complex specialized problems and problems in the fields of business, trading and exchange activities or in the process of training, which involves the application of the theories and methods of organization and functioning of business, trading, exchange structures and is characterized by complexity and uncertainty of conditions.

<p><b>General Competence (GC)</b></p>	<p>GC -1. Ability to think abstractly, analyze and synthesize.  GC -2. Ability to apply knowledge in practical situations.  GC -3. Ability to communicate in the state language both verbally and in writing.  GC -4. Ability to communicate in a foreign language.  GC -5. Use of information and communication technologies.  GC -6. Ability to search, process and analyze information from various sources.  GC -7. The ability to work as a team.  GC -8. Ability to show initiative and enterprise.  GC -9. The desire to preserve the environment.  GC -10. The ability to act responsibly and consciously.  GC -11. Ability to realize their rights and responsibilities as a member of society, to realize the values of public (free democratic) society and the need for its sustainable development, the rule of law, rights and freedoms of man and citizen of Ukraine.  GC -12. Ability to preserve and multiply moral, cultural, scientific values and achievements of society on the basis of understanding of history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, to use different types and forms of motor activity for active rest and healthy living.</p>
<p><b>Special (Professional) Competence (SC)</b></p>	<p>SC-1. Critical understanding of the theoretical foundations of business, trading and stock market activity.  SC-2. Ability to choose and use appropriate methods, tools to justify decisions on the creation, operation of business, trading and exchange structures.  SC-3. Ability to engage in market relations.  SC-4. Ability to apply innovative approaches in the activity of business, trading and exchange structures.  SC-5. Ability to determine and evaluate the characteristics of goods and services in business, trading, stock market activity.  SC-6. Ability to carry out activities to comply with the requirements of regulatory documents in the field of business, trading and exchange activities.  SC-7. The ability to identify and perform professional tasks in the organization of business, trading and exchange structures.  SC-8. Ability to apply the basics of accounting and taxation in business, trading and exchange activities.  SC-9. Ability to organize foreign economic activity of business, trading and exchange structures.  SC-10. Ability to plan business, evaluate market conditions and performance in the areas of business, trade and exchange with risk.</p>
<p><b>F</b></p>	<p><b>Program learning outcomes</b></p>

- PLO-1. Use basic knowledge of entrepreneurship, trade and stock market activity and the ability to think critically, analyze and synthesize for professional purposes.
- PLO-2. Apply the acquired knowledge to identify, set and solve problems in different practical situations in business, trading and stock exchange.
- PLO-3. Have written and oral professional communication skills in national and foreign languages.
- PLO-4. To use modern computer and telecommunication technologies for the exchange and dissemination of professionally directed information in the field of business, trade and stock exchange.
- PLO-5. Organize search, self-selection, high-quality processing of information from various sources for the formation of databases in the field of business, trade and exchange activities.
- PLO-6. Be able to work as a team, have interpersonal skills that allow you to achieve professional goals.
- PLO-7. Demonstrate entrepreneurship in various areas of professional activity and take responsibility for results.
- PLO-8. To apply the acquired knowledge and skills to initiate and implement measures in the field of environmental protection and the safe operation of business, trading and stock exchange structures.
- PLO-9. To know the requirements for specialty activity due to the need to ensure the sustainable development of Ukraine, its strengthening as a democratic, social and rule of law.
- PLO-10. Demonstrate the ability to act socially responsible on the basis of ethical, cultural, scientific values and achievements of society.
- PLO-11. Demonstrate basic and structured knowledge in the field of entrepreneurship, trade and exchange activities for future use in practice.
- PLO-12. Possess the methods and tools to substantiate managerial decisions regarding the creation and functioning of business, trading and exchange structures.
- PLO-13. To use knowledge of forms of interaction of subjects of market relations to support the activity of business, trading and stock exchange structures.
- PLO-14. Be able to apply innovative approaches in business, trading and stock market activity.
- PLO-15. Evaluate the characteristics of goods and services in business, trading and stock exchange using modern methods.
- PLO-16. Know the legal and regulatory support of the activities of business, trading and exchange structures and apply it in practice.
- PLO-17. Be able to solve professional tasks in the organization of business, trading and exchange structures and solve problems in crisis situations, taking into account external and internal influences.
- PLO-18. Know the basics of accounting and taxation in business, trading and exchange activities.
- PLO-19. Apply knowledge and skills to ensure the efficient organization of foreign economic activity of business, trading and exchange structures, taking into account market conditions and applicable legal rules.
- PLO-20. Know the basics of business planning, assessing the market environment and performance of business, trading and exchange structures with risk.

**II DETERMINATION OF TRAINING DISCIPLINES / MODULES,  
which will ensure achievement of the planned results of training and forms of  
certification of higher education applicants for the educational program in  
accordance with the standard of higher education**

**Table 1. Distribution of the content of the educational-professional program in  
terms of training cycles and form of final control**

No. by order	Subjects	Loans	Hours	Semester	Tetramestr	Final control
<b>1. MANDATORY PART</b>						
1.1. General training cycle (generates general competencies)						
1.1.1	Ukrainian language (professional direction)	3,0	90	4	7, 8	exam
1.1.2	History of Ukraine	3,0	90	2	4	exam.
1.1.3	History of Ukrainian Culture	3,0	90	1	2	d.test
1.1.4	Foreign language (in professional orientation)	8,0	240	1, 2	1, 2, 3, 4	test, exam
1.1.5	Philosophy and philosophical anthropology	8,0	240	3	5, 6	exam
1.1.6	Economic theory	6,0	180	1	1, 2	exam
1.1.7	Micro and macroeconomics	8,0	240	2, 3	3, 4, 5, 6	d.test, exam
1.1.8	History of Economics and Economic Thought	6,0	180	1	1, 2	exam
1.1.9	Higher and Applied Mathematics	13,0	390	1, 2	1, 2, 3, 4	exam, exam
1.1.10	Economic-mathematical methods and models	7,0	210	3, 4	5, 6, 7	d.test, Coursework exam

1.1.11	Computer Science	6,0	180	3	5, 6	exam
1.1.12	Physical culture (out of loans)			1, 2, 3, 4	1, 2, 3, 4, 5, 6, 7, 8	test
1.1.13	Politology	2,0	60	7	14	test
1.1.14	science of law	4,0	120	1	1	d.test
1.1.15	Chemistry	4,0	120	2	4	d.test
1.1.16	Sociology	4,0	120	6	11, 12	exam
1.1.17	Life Safety	2,0	60	2	3	test
1.1.18	Basics of labor protection	3,0	90	8	16	exam
	<b>TOTAL BY Cycle 1.1</b>	<b>90,0</b>	<b>2700</b>			
<b>1.2. Cycle of professional training (forms special (professional) competence)</b>						
1.2.1	International Economics	4,0	120	5	9, 10	exam
1.2.2	Economics of Labor and Social-Labor Relations	4,0	120	5	9, 10	d.test
1.2.3	Regional economy	4,0	120	4	7, 8	d.test
1.2.4	Accounting	4,0	120	8	15, 16	exam
1.2.5	Statistics	4,0	120	6	11, 12	exam
1.2.6	Business Economics	12,0	360	4, 5	7, 8, 9, 10	d.test, Coursework, exam
1.2.7	Management	4,0	120	4	7	d.test
1.2.8	Marketing	4,0	120	5	9, 10	exam
1.2.9	Finances	4,0	120	4	7, 8	exam
1.2.10	Money and credit	4,0	120	6	11, 12	exam
1.2.11	Examination of goods	4,0	120	3	5	d.test
1.2.12	Trade Entrepreneurship	8,0	120	6	11, 12	Coursework, exam.
1.2.13	Stock market activity and stock markets	4,0	120	5	10	exam
1.2.14	Stock market activity and stock markets	4,0	120	7	13, 14	d.test
1.2.15	Rationale for business decisions and risk assessment	4,0	120	7	13, 14	exam
1.2.16	Accounting: training course	4,5	135	8	15, 16	Coursework,,



						exam
	Practical training:					
1.2.16	Techno-economic practice	6,0	180	6	12	d.test
1.2.17	Calculation and economic practice	4,5	135	8	16	d.test
1.2.18	State attestation	3,0	90	8	16	exam
	<b>TOTAL BY Cycle 1.2</b>	<b>90,0</b>	<b>2700</b>			
	<b>MANDATORY PART WITH TOTAL</b>	<b>180,0</b>	<b>5400</b>			
<b>2. CHECK PART</b>						
<b>2.1. General training cycle (generates general competencies)</b>						
	<b>TOTAL BY Cycle 2.1</b>					
<b>2.2. Cycle of professional training (forms special (professional) competence)</b>						
2.2.1	Insurance	4,0	120	3	5	d.test
2.2.2	The tax system	7,0	210	2	3, 4	exam
2.2.3	Audit in the field of quality	6,0	180	5	9, 10	exam
2.2.4	Economics and organization of innovative activity	8,0	240	7, 8	13, 14, 15	exam., test
2.2.5	Project analysis	8,0	240	7, 8	14, 15	test, Coursework, d.test
2.2.6	Economic behavior	6,0	180	7	13, 14	екз.
2.2.7	Information systems and technologies in management	4,0	120	4	8	екз.
2.2.8	Business modeling: hands-on training	4,0	120	6	11	test
2.2.9	Economic expertise	6,0	180	7	13, 14	екз.
2.2.10	Entrepreneurship infrastructure	4,0	120	3	6	d.test
2.2.11	Marketing researches	3,0	90	8	15	test.
	<b>CURRENT PART WITH TIME</b>	<b>60,0</b>	<b>1800</b>			
	<b>TOTAL VOLUME</b>	<b>240,0</b>	<b>7200</b>			

**Table 2. Generalized distribution of the content of educational and professional program by groups of components (disciplines) and training cycles**

No. by order	Training cycle	Educational load of the applicant of higher education (credits /%)		
		Compulsory components of an educational and professional program		
1.	General training cycle (generates general competencies)	90 / 37,5	–	90 / 37,5
2.	Cycle of professional training (forms special (professional) competence)	90 / 37,5	60 / 25	150 / 62,5
Total for the whole period of study		180 / 75	60 / 25	240 / 100

**Table 3. List of disciplines of the educational-professional program of training for second level (master's) level education, ECTS credits for training cycles, and a list of established competencies and learning outcomes**

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
1.1. General training cycle (generates general competencies)	GS-1, GS -2, GS -3, GS -6, GS -9, GS -11	PLO-1, PLO-3, PLO-4, PLO -5, PLO -13, PLO -17	1.1.1. Ukrainian language (professional direction)	3.0
	GS -1, GS -3, GS -12	PLO-1, PLO-3, PLO-4, PLO -5, PLO -13, PLO -17	1.1.2. History of Ukraine	3.0
	GS -1, GS -3, GS -12	PLO-1, PLO-3, PLO-4, PLO -5, PLO -10, PLO -13, PLO -19	1.1.3. History of Ukrainian Culture	3.0
	GS -1, GS -2, GS -4	PLO-1, PLO-3, PLO-4, PLO -11, PLO -12, PLO -13, PLO -15, PLO -19	1.1.4. Foreign language (in professional orientation)	8.0
	GS -1, GS -2, GS -6, GS -7, GS -10	PLO -1, PLO -2, PLO -9, PLO -10, PLO -11	1.1.5. Philosophy and philosophical anthropology	8.0
	GS -1, GS -5, GS -6	PLO-1, PLO-3, PLO-4, PLO -7, PLO -9, PLO -14, PLO -17	1.1.6. Economic theory	6.0
	GS -1, GS -2, GS -5, GS -8, SC-1	PLO-1, PLO-3, PLO-4, PLO -9, PLO -10, PLO -11, PLO -17, PLO -19	1.1.7. Micro and macroeconomics	8.0
	GS -1, GS -2, GS -5, GS -8, SC -1	PLO -1, PLO -3, PLO -9, PLO -10, PLO -17, PLO -	1.1.8. History of	6.0

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
		19	Economics and Economic Thought	
	GS -1, GS -2, GS -5, SC -1, SC -2	PLO-1, PLO -2, PLO -4, PLO -5, PLO -12	1.1.9. Higher and Applied Mathematics	13.0
	GS -1, GS -2, GS -5, GS -6, SC -1, SC -2	PLO-1, PLO -2, PLO -3, PLO -4, PLO -9, PLO -12, PLO -17, PLO -19	1.1.10. Economic and mathematical methods and models	7.0
	GS -1, GS -2, GS -5, GS -6, SC -1, SC -4	PLO-1, PLO -2, PLO -4, PLO -5, PLO -11	1.1.11. Economic Informatics	6.0
	GS -1, GS -7, GS -12, SC -6, SC -7,	PLO -1, PLO -2, PLO -6	1.1.12. Physical Education (Off Credit)	
	GS -1, GS -2, GS -6, GS -11, GS -12, SC -1, SC -6	PLO -1, PLO -2, PLO -6, PLO -9, PLO -10, PLO -17, PLO -19	1.1.13. Politology	2.0
	GS -1, GS -2, GS -11, SC -1, SC -6	PLO -1, PLO -2, PLO -6, PLO -9, PLO -10, PLO -16	1.1.14. science of law	4.0
	GS -1, GS -2, GS -6	PLO -1, PLO -2, PLO -7, PLO -8, PLO -11, PLO -15, PLO -16	1.1.15. Chemistry	4.0
	GS -1, GS -2, GS -6 GS -11, GS -12, SC -1	PLO -1, PLO -2, PLO -7, PLO -9, PLO -11, PLO -17	1.1.16. Sociology	4.0
	GS -1, GS -6, GS -9, GS -10	PLO -1, PLO -2, PLO -7, PLO -8, PLO -16, PLO -17	1/1/17 Life Safety	2.0
	GS -1, GS -6, GS -10, GS -12	PLO -1, PLO -2, PLO -6, PLO -8, PLO -16, PLO -17, PLO -18	1.1.18. Basics of labor protection	3.0

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
			<b>TOTAL 1.11.1</b>	<b>90,0</b>
1.2 Cycle of professional training (forms special (professional) competence)	GS -1, GS -2, GS -5, GS -8, SC -1	PLO -1, PLO -2, PLO -5, PLO -6, PLO -8, PLO -9, PLO -14, PLO -17, PLO -19	1.2.1. International Economics	4.0
	GS -1, GS -2, GS -7, GS -8, GS -9, GS -12, SC -3, SC -7	PLO-1, PLO -2, PLO -4, PLO -8, PLO -11, PLO -12, PLO -16, PLO -17	1.2.2. Labor economics and social and labor relations	4.0
	GS -1, GS -2, GS -5, GS -6, GS -10, SC -5	PLO -1, PLO -2, PLO -5, PLO -6, PLO -8, PLO -9, PLO -14, PLO -17	1.2.3. Regional economy	4.0
	GS -1, GS -2, GS -3, GS -6, GS -11, SC -8	PLO-1, PLO -2, PLO -4, PLO -5, PLO -16, PLO -17, PLO -18	1.2.4. Accounting	4.0
	GS -1, GS -2, GS -3, GS -6, GS -7, SC -4, SC -5, SC -6, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -9, PLO -11, PLO -14, PLO -17, PLO -20	1.2.5. Statistics	4.0
	GS -1, GS -2, GS -5, GS -6, GS -11, GS -12	PLO-1, PLO -2, PLO -4, PLO -5, PLO -9, PLO -11, PLO -12, PLO -17, PLO -19	1.2.6. Business Economics	12.0
	GS -1, GS -2, GS -5, GS -6, GS -11, SC -2, SC -7, SC -10	PLO-1, PLO -2, PLO -3, PLO -6, PLO -8, PLO -11, PLO -17, PLO -20	1.2.7. Management	4.0
	GS -1, GS -2, GS -4, GS -5, GS -6, GS -7, GS -10, GS -11, SC -3, SC -4, SC -10	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -8, PLO -15, PLO -20	1.2.8. Marketing	4.0
	GS -1, GS -2, GS -6, GS -	PLO -1, PLO -2, PLO -5,	1.2.9. Finances	4.0

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
	10, SC -7	PLO -7, PLO -9, PLO -17, ПPH-18		
	GS -1, GS -2, GS -3, GS -4, GS -6, GS -10, SC -3, SC -7, SC -8, SC -10	PLO -1, PLO -2, PLO -5, PLO -7, PLO -9, PLO -11, PLO -17, PLO -18	1.2.10. Money and credit	4.0
	GS -1, GS -2, GS -3, GS -4, GS -10, GS -11, SC -5, SC -6, SC -9	PLO -1, PLO -2, PLO -5, PLO -7, PLO -14, PLO -15, PLO -19	1.2.11. Examination of goods	4.0
	GS -1, GS -2, GS -5, GS -6, GS -7, GS -8, GS -10, SC -1, SC -2, SC -3, SC -6, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -11, PLO -12, PLO -13, PLO -14, PLO -15, PLO -17	1.2.12. Trade Entrepreneurship	8.0
	GS -1, GS -2, GS -6, GS -7, SC -1, SC -2, SC -6, SC -9	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -7, PLO -15, PLO -16, PLO -19	1.2.13. Stock market activity and stock markets	4.0
	GS -1, GS -2, GS -5, GS -6, GS -7, GS -8, GS -10, SC -1, SC -2, SC -3, SC -6, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -10, PLO -11, PLO -14, PLO -15	1.2.14. Entrepreneurship and business culture	4.0
	GS -1, GS -2, GS -3, GS -5, GS -6, GS -7, GS -8, GS -11, GS -12, SC -1, SC -2, SC -3, SC -6, SC -10	PLO-1, PLO -2, PLO -3, PLO -5, PLO -7, PLO -10, PLO -12, PLO -13, PLO -14, PLO -17	1.2.15. Justification of economic decisions	4.0
	GS -1, GS -2, GS -3, GS -6, GS -11, SC -8	PLO-1, PLO -2, PLO -4, PLO -5, PLO -16, PLO -17, PLO -18, PLO -20	1.2.16. Accounting: training course	4.5
	GS -1, GS -2, GS -5, GS -6, GS -10, GS -11, SC -2, SC -4, SC -5, SC -10	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -9, PLO -11, PLO -12, PLO -17, PLO -19	1.2.17. Techno-economic practice	6.0

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
	GS -1, GS -2, GS -5, GS -6, GS -10, GS -11, SC -2, SC -4, SC -5, SC -10	PLO -1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -9, PLO -11, PLO -12, PLO -17, PLO -19	1.2.18. Calculation and economic practice	4.5
	GS -1, GS -2, GS -5, GS -6, GS -10, GS -11, SC -2, SC - SC -4, SC -5, SC -10	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -9, PLO -11, PLO -12, PLO -17, PLO -19	1.2.19. state attestation	3.0
			<b>TOGETHER TOGETHER 1.2</b>	<b>90,0</b>
1.2 Cycle of professional training (forms special (professional) competence)	GS -1, GS -2, GS -5, GS -6, GS -10, SC -3	PLO-1, PLO -2, PLO -4, PLO -7, PLO -11, PLO -17	2.2.1. Insurance	4.0
	GS -1, GS -2, GS -6, GS -10, SC -2, SC -6, SC -8	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -11, PLO -12, PLO -17, PLO -18	2.2.2. The tax system	7.0
	GS -1, GS -2, GS -6, GS -10, GS -11, SC -1, SC -2, SC -6, SC -8, SC -10	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -11, PLO -12, PLO -17, PLO -18	2.2.3. Audit in the field of quality	6.0
	GS -1, GS -2, GS -5, GS -6, GS -10, GS -11, SC -1, SC -4, SC -10	PLO -1, PLO -2, PLO -5, PLO -7, PLO -8, PLO -11, PLO -12, PLO -14	2.2.4. Economics and organization of innovative activity	8.0
	GS -1, GS -2, GS -5, GS -6, SC -1, SC -2, SC -4, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -11, PLO -12, PLO -13	2.2.5. Project analysis	8.0
	GS -1, GS -2, GS -3, GS -5, GS -6, GS -10, SC -2, SC -3, SC -7, SC -10	PLO -1, PLO -2, PLO -6, PLO -7, PLO -8, PLO -10, PLO -12, PLO -17, PLO -19	2.2.6. Economic behavior	6.0

Training cycles	Criteria of competencies	Criteria for learning outcomes	List of disciplines	ECTS Loans
1	2	3	4	5
	GS -1, GS -2, GS -5, GS -6, GS -10, SC -1, SC -2, SC -4, SC -6, SC -7	PLO-1, PLO -2, PLO -4, PLO -5, PLO -11, PLO -12, PLO -17, PLO -19	2.2.7. Information systems and technologies in management	4.0
	GS -1, GS -2, GS -5, GS -6, SC -1, SC -2, SC -4, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -11, PLO -12, PLO -13	2.2.8. Business modeling: hands-on training	4.0
	GS -1, GS -2, GS -5, GS -6, SC -7, SC -8, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -12, PLO -15, PLO -16, PLO -19	2.2.9. Economic expertise	6.0
	GS -1, GS -2, GS -5, GS -6, GS -7, GS -8, GS -10, SC -1, SC -2, SC -3, SC -6, SC -10	PLO-1, PLO -2, PLO -4, PLO -5, PLO -7, PLO -11, PLO -12, PLO -13, PLO -14, PLO -15, PLO -17	2.2.10. Entrepreneurship infrastructure	4.0
	GS -1, GS -2, GS -3, GS -5, GS -6, GS -7, GS -11, GS -12, SC -1, SC -2, SC -3, SC -5	PLO-1, PLO -2, PLO -3, PLO -4, PLO -5, PLO -8, PLO -15, PLO -20	2.2.11. Marketing researches	3.0
			<b>TOTAL 2.1</b>	<b>60,0</b>
			<b>TOTAL VOLUME</b>	<b>240,0</b>



**Table 4. Matrix of conformity of program competences to educational components**

The code of the discipline for the curriculum	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	1.1.13	1.1.14	1.1.15	1.1.16	1.1.17	1.1.18	1.2.1	1.2.2	1.2.3	1.2.4	1.2.5	1.2.6
<b>INT</b>																								
<b>GC-1</b>	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
<b>GC -2</b>	+			+	+		+	+	+	+	+		+	+	+	+			+	+	+	+	+	+
<b>GC -3</b>	+	+	+																+			+	+	
<b>GC -4</b>				+																				
<b>GC -5</b>						+	+	+	+	+	+											+		+
<b>GC -6</b>	+				+	+				+	+		+		+	+	+	+			+	+	+	+
<b>GC -7</b>					+							+									+		+	
<b>GC -8</b>							+	+											+	+				
<b>GC -9</b>	+																	+			+			
<b>GC -10</b>					+													+	+			+		
<b>GC -11</b>	+												+	+		+						+		+
<b>GC -12</b>		+	+									+	+			+		+		+				+

The code of the discipline for the curriculum	1.2.7	1.2.8	1.2.9	1.2.10	1.2.11	1.2.12	1.2.13	1.2.14	1.2.15	1.2.16	1.2.17	1.2.18	1.2.19	2.2.1	2.2.2	2.2.3	2.2.4	2.2.5	2.2.6	2.2.7	2.2.8	2.2.9	2.2.10	2.2.11
<b>INT</b>																								

The code of the discipline for the curriculum	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	1.1.13	1.1.14	1.1.15	1.1.16	1.1.17	1.1.18	1.2.1	1.2.2	1.2.3	1.2.4	1.2.5	1.2.6	
<b>SC-1</b>							+	+	+	+	+		+	+		+			+						
<b>SC -2</b>									+	+															
<b>SC -3</b>																				+					
<b>SC -4</b>											+												+		
<b>SC -5</b>																					+		+		
<b>SC -6</b>												+	+	+									+		
<b>SC -7</b>												+								+					
<b>SC -8</b>																						+			
<b>SC -9</b>																									
<b>SC -10</b>																							+		

<b>GC-1</b>	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
<b>GC -2</b>	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
<b>GC -3</b>				+	+				+	+									+					+
<b>GC -4</b>		+		+	+																			
<b>GC -5</b>	+	+				+		+	+		+	+	+	+			+	+	+	+	+	+	+	+
<b>GC -6</b>	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
<b>GC -7</b>		+				+	+	+	+														+	+
<b>GC -8</b>						+		+	+														+	
<b>GC -9</b>																								
<b>GC -10</b>		+	+	+	+	+		+			+	+	+	+	+	+	+		+	+			+	
<b>GC -11</b>	+	+			+				+	+	+	+	+			+	+							+
<b>GC -12</b>									+															
<b>SC-1</b>						+	+	+	+							+	+	+		+	+		+	+
<b>SC -2</b>	+					+	+	+	+		+	+	+		+	+		+	+	+	+		+	+
<b>SC -3</b>		+		+		+		+	+					+					+				+	+
<b>SC -4</b>		+									+	+	+				+	+		+	+			
<b>SC -5</b>					+						+	+	+											+
<b>SC -6</b>					+	+	+	+	+						+	+				+			+	
<b>SC -7</b>	+		+	+															+	+		+		
<b>SC -8</b>				+						+					+	+						+		
<b>SC -9</b>					+		+																	
<b>SC -10</b>	+	+		+		+		+	+		+	+	+			+	+	+	+		+	+	+	

**Table 5. Matrix providing programmatic learning outcomes for relevant components  
Educational-professional program**

The code of the discipline for the curriculum	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	1.1.13	1.1.14	1.1.15	1.1.16	1.1.17	1.1.18	1.2.1	1.2.2	1.2.3	1.2.4	1.2.5	1.2.6
PLO-1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO -2					+				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO -3	+	+	+	+		+	+	+		+														
PLO -4	+	+	+	+		+	+		+	+	+									+		+	+	+
PLO -5	+	+	+						+		+								+		+	+	+	+
PLO -6												+	+	+				+	+		+			
PLO -7						+									+	+	+							
PLO -8															+		+	+	+	+	+			
PLO -9					+	+	+	+		+			+	+		+			+		+		+	+
PLO -10			+		+		+	+					+	+										
PLO -11				+	+		+				+				+	+				+			+	+
PLO -12				+					+	+										+				+
PLO -13	+	+	+	+																				
PLO -14						+													+		+		+	
PLO -15				+											+									
PLO -16														+	+		+	+		+		+		
PLO -17	+	+				+	+	+		+			+			+	+	+	+	+	+	+	+	+
PLO -18																		+				+		
PLO -19			+	+			+	+		+			+						+					+
PLO -20																							+	

The code of the discipline for the curriculum	1.2.7	1.2.8	1.2.9	1.2.10	1.2.11	1.2.12	1.2.13	1.2.14	1.2.15	1.2.16	1.2.17	1.2.18	1.2.19	2.2.1	2.2.2	2.2.3	2.2.4	2.2.5	2.2.6	2.2.7	2.2.8	2.2.9	2.2.10	2.2.11
PLO-1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO -2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO -3	+	+					+		+		+	+	+		+	+								+
PLO -4		+				+	+	+		+	+	+	+	+	+	+		+		+	+	+	+	+
PLO -5		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		+	+	+	+	+
PLO -6	+																		+					
PLO -7			+	+	+	+	+	+	+					+			+	+	+		+	+	+	
PLO -8	+	+															+		+					+
PLO -9			+	+							+	+	+											
PLO -10								+	+										+					
PLO -11	+			+		+		+			+	+	+	+	+	+	+	+		+	+		+	
PLO -12						+			+		+	+	+		+		+	+	+	+	+	+	+	
PLO -13						+			+									+			+		+	
PLO -14					+	+		+	+								+						+	
PLO -15		+			+	+	+	+															+	+
PLO -16							+			+												+		
PLO -17	+		+	+		+			+	+	+	+	+	+	+	+			+	+			+	
PLO -18			+	+						+					+	+								
PLO -19					+		+				+	+	+						+	+		+		
PLO -20	+	+								+														+

### III - FORMS OF ATTESTATION OF HIGHER EDUCATION BUILDERS

<p><b>Forms of certification of applicants for higher education</b></p>	<p>A compulsory form of state certification is established by writing a qualification examination on a specialty in the prescribed manner.</p> <p>The system of competencies and learning outcomes indicated in sections I and II are issued to the state attestation.</p> <p>The main means of objective control of the degree of achievement of the ultimate goals of education and professional training of bachelors is the technology of writing a qualification examination on a specialty in the prescribed manner, which is defined in the following documents: Regulations on the Examination Commission, Methodological instructions on the preparation for a qualification examination in a specialty in the prescribed manner.</p>
<p>Requirements for final qualification work (in the presence)</p>	
<p>Requirements for the certification / single state qualification exam (exams) (in the presence)</p>	
<p>Requirements for public security (demonstrations) (in the presence)</p>	<p>.</p>

#### **IV - Requirements for the system of internal quality assurance in higher education**

Determined in accordance with European Standards and Recommendations for the Quality of Higher Education (ESG) and Article 16 of the Law of Ukraine "On Higher Education"

<b>Components of the system of internal quality assurance in higher education</b>	<b>Definitions, references and relevant documents</b>
<b>Principles and procedures for ensuring the quality of education</b>	<ul style="list-style-type: none"> <li>- Law of Ukraine "On Higher Education" of 01.07.2014 № 1556-VII;</li> <li>- Provisional provision on the organization of the educational process at the SHEI USCTU (Order of the Rector of the SHEI USCTU dated November 30, 2015, No. 290);</li> <li>- Regulations on the diploma with honors from the SHEI USCTU (Order of the Rector of the SHEI USCTU dated 25/02/2016, No. 55);</li> <li>- Regulation on the procedure for the creation and organization of the work of the examination commission at the SHEI USCTU (Order of the Rector dated 01.04.2015, No. 68);</li> <li>- Regulations on the development, approval and revision of working programs of educational disciplines (Order of the Rector of the SHEI USCTU dated 01.12.15, No. 291)</li> </ul>
<b>Monitoring and periodic review of educational programs</b>	Annual monitoring of industry and labor market requirements, revision of educational programs, work curricula, work programs of academic disciplines. About approval of the composition of the project groups for the development of educational programs (Order of the Rector of the SHEI USCTU dated March 10, 2016, No. 74)
<b>Annual assessment of higher education applicants</b>	Regulations on the organization of rector's control over the quality of education (Order of the Rector dated March 17, 2014, No. 78)
<b>Annual evaluation of scientific-pedagogical and pedagogical workers of a higher</b>	Regulations on the commission of rector's control pedagogical skills of scientific and pedagogical workers of the University (Order of the Rector of the SHEI USCTU dated April 04, 2016, No. 85), Order of

<b>educational establishment</b>	<p>application of the rating system for the assessment of the activity of scientific and pedagogical workers of the SHEI USCTU (Order of the Rector dated 04.06.2010, No. 209 with changes to the order of 09.06 .0101 p. № 147), The procedure for applying the rating system for the assessment of the activities of the departments and faculties of the SHEI USCTU (Order of the Rector dated 04/06/2010, No. 209).</p> <p>Regularly publishing the results of such assessments on the official website of the higher education institution, on information stands and in any other way.</p>
<b>Improvement of qualification of scientific and pedagogical, pedagogical and scientific workers</b>	<p>Raising the qualifications of scientific and pedagogical workers is carried out in accordance with the provisions approved by the order of the Ministry of Education and Science of Ukraine from 24.01.2013. № 48 and the Regulations on the upgrading of qualifications and internship of pedagogical and scientific-pedagogical workers of the SHEI USCTU (Order of the Rector of the SHEI USCTU dated May 28, 2016, No.105)</p>
<b>The availability of the necessary resources for the organization of the educational process</b>	<p>Educational, methodological, logistical and personnel support corresponds to licensing conditions (CM Decree dated December 30, 2015 № 1187) of educational activity. Certificates in areas of training and specialties.</p>
<b>Availability of information systems for effective management of the educational process</b>	<p>The temporary provision on the organization of the educational process at the SHEI USCTU (Order of the Rector of the SHEI USCTU dated 30.11.2015 № 290) is supported by the Information-analytical control system of the educational process, which consists of subsystems: Applicant, Educational process.</p>
<b>Publicity of information about educational programs, degrees of higher education and qualifications</b>	<p>Information about educational programs, degrees in higher education and qualifications is public and fully disclosed on the official web-portal of the university. <a href="http://udhtu.com.ua">http://udhtu.com.ua</a></p>
<b>Prevention and Detection of Academic Plagiarism</b>	<p>Verification of the completeness of the tasks, the quality of work in general and its verification for plagiarism is carried out by the teacher - the head of the course or diploma work (project) in the established procedure with the use of the appropriate software.</p>