

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

Rector of the SHEI USCTU
_____ O.A.Pivovarov
«_____» _____ 201_ y.

EDUCATIONAL-PROFESSIONAL PROGRAM

Enterprise Economics

(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 **05 «Social and behavioral sciences»**
(cipher and name of field of knowledge)

SPECIALTY **051 «ECONOMICS»**
(code and specialty name)

Approved at the meeting of the
Academic Council of the SHEI USUTU
from «_____» _____ 2017 y.
protocol № _____

Dnipro
2017

I. PROFILE OF THE EDUCATIONAL PROFESSIONAL PROGRAM OF BACALAVA

from the specialty «Economics» in the specialty «Enterprise Economics»

Program profile (general information)	
Full name of the qualification in the original language	Higher education – бакалавр, specialty - Економіка
The official name of the educational program	Educational-professional program «Enterprise Economics» for the preparation of a bachelor's degree in specialty 051 «Economics»
Type of diploma and volume of educational program	Bachelor's degree in economics of enterprise, unitary (double, common in the presence of relevant agreements, training programs); – 240 ECTS credits
Full name of higher education institution awarding qualification	State Higher Educational Institution «Ukrainian State Chemical Technology University»
Accrediting organization	Accreditation Commission of Ukraine (SEI «Educational and Methodological Center for Quality of Education») NAPQHE.
Period of accreditation	The validity period of the certificate after the initial accreditation is 5 years, after repeated – 10 years.
Cycle / Level	NQF Ukraine - level 6, FQ-EHEA – first cycle, EQF-LLL – 6 level
Prerequisites	Complete secondary education
Мова(и) викладання	Language (s) of teaching
A	The purpose of the educational program
The purpose of the educational program	Training of specialists who have modern economic thinking, theoretical knowledge and practical skills necessary for solving the tasks of the subject area of activity, in particular, the training of highly skilled, competitive experts in the field of economic management, able to carry out analytical research, develop and implement economic solutions for increasing efficiency activity of enterprises, institutions and organizations in conditions of uncertainty of the market environment and globalization challenges.
B	Characteristics of the educational program
Subject area (branch of knowledge, specialty)	Branch of Knowledge – 05 «Social and behavioral sciences» Specialty – 051 «Economics»
The main focus of the program and specialization	General The emphasis on systematic analysis of the achievements of domestic and foreign researchers for making informed business decisions in the conditions of uncertainty and environment variability taking into account the reserves and possibilities of innovative

	development of the internal environment of the enterprise on the basis of widespread use of modern information technologies
Program orientation	Educational-professional.
Features and differences	Possession of modern methods of economic management, based on a comprehensive assessment of the object of research with the use of modern information technology.
C	
	Ability to work and study
Ability to work	Primary positions related to the planning (including forecasting), analytical, project activity and economic management at enterprises, institutions and organizations of all forms of ownership and types of economic activity both in production and management departments (economist, economist). from the logistics, planning economist, labor economist, sales economist, economist for pricing, economist of the computing (information and computing) center, economist-statistician, economic advisor).
Further training	Studying at the second (master's) level of higher education in economics for the educational program "Enterprise Economics", as well as improving qualifications and obtaining additional postgraduate education.
D	
	Teaching style and teaching methods
Approaches to teaching and learning	A combination of lectures, practical and seminar sessions, writing coursework, self-study.
Methods of evaluation	Written and oral examinations, credits, presentations, qualification exam in specialty.
E	
	Program competencies
Integral competence (INT)	<i>Bachelor (Level 6): Ability to solve complex specialized tasks and practical problems in the field of economics and in the process of study, which involves the application of theories and methods of economic science.</i>
General Competence (GC)	<i>GC-1. Ability to think, analyze and synthesize.</i> <i>GC -2. Ability to apply knowledge in practical situations.</i> <i>GC -3. Knowledge and understanding of the subject area of professional activity.</i> <i>GC -4. Ability to oral and written professional communication in English.</i> <i>GC -5. Skills of using information and communication technologies.</i> <i>GC -6. Ability to search, process and analyze information from various sources.</i> <i>GC -7. Ability to adapt and act in a new situation.</i> <i>GC -8. Ability to creative and critical thinking.</i> <i>GC -9. Ability to make informed decisions.</i>

	<p><i>GC -10. Interpersonal skills.</i></p> <p><i>GC -11. Ability to demonstrate initiative and entrepreneurship.</i></p> <p><i>GC -12. Ability to knowingly and socially responsible act on ethical grounds.</i></p>
Special (Professional) Competence (SC)	<p><i>SC-1. Ability to determine the regularities of functioning of the modern economy at micro and macro levels.</i></p> <p><i>SC -2. Ability to use normative and legal acts regulating professional activity.</i></p> <p><i>SC -3. Understanding of the main features of leading scientific schools and areas of economic science.</i></p> <p><i>SC -4. Ability to describe economic and social processes and phenomena on the basis of theoretical and applied models, analyze and comprehensively interpret the obtained results.</i></p> <p><i>SC -5. Understanding of 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></p> <p><i>SC -6. Ability to apply economic and mathematical methods and models for solving economic problems.</i></p> <p><i>SC -7 Ability to use computer processing technologies for solving economic problems, analyzing information and preparing analytical reports.</i></p> <p><i>SC -8 Ability to analyze and solve tasks in the field of regulation of economic and social-labor relations.</i></p> <p><i>SC -9. Ability to predict socio-economic processes on the basis of standard theoretical and econometric models.</i></p> <p><i>SC -10 Skills of using modern sources of economic, social, managerial, accounting information for drawing up of service documents and analytical reports.</i></p> <p><i>SC -11. Ability to use analytical and methodical tools for substantiating economic decisions.</i></p> <p><i>SC -12. The ability to independently identify problems of an economic nature in analyzing specific situations, suggest ways to solve them.</i></p> <p><i>SC -13 Ability to determine segmentation of the labor market, supply and demand structure, employment and unemployment.</i></p> <p><i>SC -14 Ability to conduct an analysis of the functioning and development of business entities, the status of functional subsystems of enterprises, organizations and institutions.</i></p> <p><i>SC -15 Ability to in-depth analyze problems and phenomena in one or more professional fields within the specialty.</i></p>
F	Program learning outcomes
Learning outcomes in the cognitive (cognitive) field	<p><i>LCF-1. Know and use economic terminology, explain the basic concepts of micro and macroeconomics.</i></p> <p><i>LCF -2. To demonstrate a stable understanding of the principles of economic science, the peculiarities of the functioning of</i></p>

economic systems.

LCF -3. Use analytical and methodical tools to understand the logic of making economic decisions by various economic agents (individuals, households, enterprises and state authorities).

LCF -4. Use professional arguments for communicating information, ideas, problems and ways to address them to professionals and non-professionals in the field of economic activity.

LCF -5. 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.

LCF -6. Apply appropriate economic and mathematical methods and models for solving economic problems.

LCF -7. 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.

LCF -8. Identify supply and demand in the labor market, analyze the structure of employment and unemployment.

LCF -9. To analyze the functioning and development of economic entities, to identify functional areas, to calculate the relevant indicators that characterize the performance of their activities.

LCF -10. Be able to analyze the processes of state and market regulation of socio-economic and labor relations.

LCF -11. Apply the acquired theoretical knowledge to solve practical problems and interpret the obtained results in a meaningful way.

LCF -12. Identify sources and understand the methodology of identification and methods of obtaining socio-economic data, collect and analyze the necessary information, calculate economic and social indicators.

LCF -13. Be able to work independently and in a team.

LCF -14. Perform research on an order.

LCF -15. Understand and plan personal career development opportunities.

LCF -16. Demonstrate the basic skills of creative and critical thinking in research and professional communication.

LCF -17. Understand and independently form the content, structure and conclusions of scientific and analytical texts on economics.

LCF -18. Perform interdisciplinary analysis of socio-economic phenomena and problems in one or more professional fields.

LCF -19. Use regulatory and legal acts regulating professional activities.

LCF -20. Use information and communication technologies to solve socio-economic problems, prepare and submit analytical

	<p>reports.</p> <p><i>LCF -21. Master the skills of oral and written professional communication in English.</i></p> <p><i>LCF -22. Demonstrate abstract thinking abilities, apply analysis and synthesis to identify key characteristics of economic systems of various levels, as well as peculiarities of their subjects' behavior.</i></p> <p><i>LCF -23. Demonstrate flexibility and adaptability in new situations, in working with new objects, and in uncertain conditions.</i></p> <p><i>LCF -24. To acquire skills of independent work, to show initiative and entrepreneurship, to be critical and self-critical.</i></p> <p><i>LCF -25. Demonstrate the ability to act socially and consciously on the basis of ethical motives, respect for the diversity of thoughts, individual and intercultural differences of people.</i></p>
Learning outcomes in the value-motivational sphere	<p><i>LVMS-1. Meet the requirements of professional ethics in the workplace.</i></p> <p><i>LVMS -2. Participate in discussing the results of various types of work (research, search, design, etc.).</i></p> <p><i>LVMS -3. Show a desire to work independently.</i></p> <p><i>LVMS -4. Ask questions in discussions with colleagues and lecturers.</i></p> <p><i>LVMS -5. Demonstrate the acquired professional skills in creating scientific and project documentation.</i></p> <p><i>LVMS -6. Organize safety precautions in the workplace.</i></p> <p><i>LVMS -7. Collaborate with colleagues in related fields to achieve research or project objectives.</i></p>
Results of training in the psychomotor sphere	<p><i>RPS-1. Exercise the experiment method</i></p> <p><i>RPS-2. Repeatedly reproduce the results of experiments to obtain reliable values and calculate the error of the experiment.</i></p> <p><i>RPS-3. Combine different research methods to determine the value of the studied parameters.</i></p> <p><i>RPS-4. Maintain safety precautions in the workplace.</i></p>

**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
1. MANDATORY PART						
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	exam
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
	TOTAL BY Cycle 1.1	90,0	2700			

1.2. Cycle of professional training (forms special (professional) competence)						
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	Economic Cybernetics	12,0	360	5, 6	9, 10, 11, 12	test, Coursework exam
1.2.12	Financial and economic analysis of the activities of chemical enterprises	4,0	120	6	11	d.test
1.2.13	Information systems and technologies in management	4,0	120	4	8	exam
1.2.14	Rationale for business decisions and risk assessment	4,0	120	7	13, 14	exam
1.2.15	Planning of enterprise activity	4,5	135	8	15, 16	Coursework exam
	Practical training:					
1.2.16	Technical and economic practice	6,0	180	6	12	d.test
1.2.17	Settlement and economic practice	4,5	135	8	16	d.test
1.2.18	State attestation	3,0	90	8	16	exam
	TOTAL BY Cycle 1.2	90,0	2700			
	MANDATORY PART WITH TOTAL	180,0	5400			
2. CHECK PART						
2.1. General training cycle (generates general competencies)						
	TOTAL BY Cycle 2.1					
2.2. Cycle of professional training (forms special (professional) competence)						
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	Organization of production	10,0	300	5	9, 10	Coursework, exam
2.2.4	Economics and organization of innovation activities	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	Capital of the enterprise: formation and evaluation	6,0	180	7	13, 14	exam

2.2.7	Entrepreneurship and business culture	4,0	120	7	13, 14	d.test
2.2.8	Potential and development of the enterprise	9,0	270	7, 8	13, 14, 15	exam, test
2.2.9	Industrial Technology Systems	4,0	120	3	6	d.test
	TOTAL BY Cycle 2.2	60,0	1800			
	CURRENT PART WITH TIME	60,0	1800			
	TOTAL VOLUME	240,0	7200			

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	Elective components of the educational-professional program	Total for the whole period of study
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
1.1. General training cycle (generates general competencies)	GC-2; GC-5; GC-10; GC-12	LCF-17; LVMS -1; LVMS-4	1.1.1. Ukrainian language (professional direction)	3,0
	GC-1; GC-6; GC-8	LCF-13; LVMS-4; LCF-24	1.1.2. History of Ukraine	3,0
	GC-1; GC-6; GC-8	LCF-13; LVMS-4; LCF-24	1.1.3. History of Ukrainian Culture	3,0
	GC-1; GC-2; GC-4; GC-6; GC-7; GC-10; GC-11	LCF-13; LCF-17; LCF-21; LCF-23; LCF-24	1.1.4. Foreign language (in professional orientation)	8,0
	GC-1; GC-8; GC-10; GC-12	LCF-13; LCF-22; LCF-23; LCF-24; LCF-25; LVMS-1; LVMS-3; LVMS-4	1.1.5. Philosophy and philosophical anthropology	8,0
	GC-1; GC-3; GC-6; GC-11; SC-1; SC-3	LCF-1; LCF-2; LCF-7; LCF-22; LCF-24; LVMS-3	1.1.6. Economic theory	6,0
	GC-1; GC-2; GC-6; SC-1; SC-4; SC-5	LCF-1; LCF-2; LCF-5; LCF-7; LCF-11; LCF-22; LVMS-3	1.1.7. Micro and macroeconomics	8,0
	GC-1; GC-3; GC-6; GC-11; SC-1; SC-3	LCF-1; LCF-2; LCF-7; LCF-22; LCF-24; LVMS-3	1.1.8. History of Economics and Economic Thought	6,0

	GC-1; GC-2; GC-6; GC-8	LCF-23; LCF-24; LVMS-3; RPS-3	1.1.9. Higher and Applied Mathematics	13,0
	GC-1; GC-2; GC-3; GC-5; GC-9; SC-4; SC-6; SC-7; SC-9	LCF-6; LCF-11; LCF-20; LCF-24; LVMS-3	1.1.10. Economic-mathematical methods and models	7,0
	GC-1; GC-2; GC-5; GC-6; SC-7; SC-10	LCF-12; LCF-13; LCF-14; LCF-20; LCF-24; LVMS-3; LVMS-5	1.1.11. Computer Science	6,0
	GC-10; GC-11; GC-12	LCF-13; LCF-24; LCF-25; LVMS-3	1.1.12. Physical culture (out of loans)	-
	GC-1; GC-2; GC-6; GC-8; GC-12	LCF-16; LCF-23; LCF-24; LCF-25; LVMS-3	1.1.13. Politology	2,0
	GC-1; GC-2; GC-8; GC-9; GC-10; GC-11; GC-12; SC-2	LCF-13; LCF-19; LCF-24; LCF-25; LVMS-1; LVMS-3; LVMS-4	1.1.14. science of law	4,0
	GC-1; GC-2; GC-6; GC-7; GC-8	LCF-11; LCF-13; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-6; RPS-1; RPS-2; RPS-3; RPS-4	1.1.15. Chemistry	4,0
	GC-1; GC-2; GC-6; GC-8; GC-12	LCF-16; LCF-23; LCF-24; LCF-25; LVMS-3	1.1.16. Sociology	4,0
	GC-1; GC-2; GC-7; GC-8; GC-9; GC-10; GC-11; GC-12	LCF-11; LCF-13; LCF-24; LVMS-3; LVMS-6; RPS-4	1.1.17. Life Safety	2,0
	GC-1; GC-2; GC-7; GC-8; GC-9; GC-10; GC-11; GC-12	LCF-11; LCF-13; LCF-24; LVMS-3; LVMS-6; RPS-4	1.1.18. Basics of labor protection	3,0

			TOTAL 1.1	90,0
1.2 Cycle of professional training (forms special (professional) competence)	GC-1; GC-2; GC-6; SC-5; SC-12; SC-15	LCF-2; LCF-5; LCF-7; LCF-24; LVMS-3; LVMS-4	1.2.1. International Economics	4,0
	GC-1; GC-2; GC-6; SC-5; SC-8; SC-12; SC-13; SC- 15	LCF-2; LCF-5; LCF-7; LCF-8; LCF-10; LCF- 24; LVMS-3; LVMS-4	1.2.2. Economics of Labor and Social-Labor Relations	4,0
	GC-1; GC-2; GC-6; SC-8; SC-12; SC-15	LCF-2; LCF-5; LCF-22; LCF-24; LVMS-3; LVMS-4	1.2.3. Regional economy	4,0
	GC-1; GC-2; GC-6; GC-8; SC-7; SC-10; SC-14; SC- 15	LCF-2; LCF-3; LCF-4; LCF-11; LCF-12; LCF- 14; LCF-17; LCF-24; LVMS-3	1.2.4. Accounting	4,0
	GC-1; GC-2; GC-6; GC-8; SC-1; SC-7; SC-10; SC-14	LCF-9; LCF-10; LCF- 11; LCF-12; LCF-14; LCF-17; LCF-24; LVMS-3; LVMS-5	1.2.5. Statistics	4,0
	GC-1; GC-2; GC-3; GC-6; GC-8; SC-1; SC-5; SC-7; SC-8; SC-10; SC-11; SC- 12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-8; LCF-9; LCF-11; LCF-12; LCF- 13; LCF-14; LCF-15; LCF-16; LCF-17; LCF- 22; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	1.2.6. Business Economics	12,0
	GC-1; GC-2; GC-6; GC-7;	LCF-2; LCF-3; LCF-4;	1.2.7. Management	4,0

	GC-8; GC-9; GC-11; SC-8; SC-11; SC-12; SC-13; SC-14; SC-15	LCF-9; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-18; LCF-22; LCF-24; LVMS-3; LVMS-4		
	GC-1; GC-2; GC-6; GC-7; GC-8; GC-9; GC-11; SC-8; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-7; LCF-9; LCF-10; LCF-11; LCF-12; LCF-13; LCF-14; LCF-16; LCF-18; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4	1.2.8. Marketing	4,0
	GC-1; GC-2; GC-6; GC-7; GC-8; GC-9; GC-11; SC-1; SC-5; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-7; LCF-9; LCF-10; LCF-11; LCF-12; LCF-13; LCF-14; LCF-16; LCF-17; LCF-18; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4	1.2.9. Finances	4,0
	GC-1; GC-2; GC-6; GC-7; GC-8; GC-9; GC-11; SC-1; SC-5; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-7; LCF-9; LCF-10; LCF-11; LCF-12; LCF-13; LCF-14; LCF-16; LCF-17; LCF-18; LCF-22;	1.2.10 Money and credit	4,0

		LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4		
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC-3; SC-4; SC-5; SC-6; SC-7; SC-9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-6; LCF-7; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-18; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; RPS-1; RPS-2; RPS-3	1.2.11. Economic Cybernetics	12,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC-3; SC-4; SC-5; SC-6; SC-7; SC-9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-6; LCF-9; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4	1.2.12. Financial and economic analysis of the activities of chemical enterprises	4,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-10; GC-11; SC-7; SC-10; SC-12; SC-15	LCF-3; LCF-4; LCF-9; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-20; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	1.2.13. Information systems and technologies in management	4,0

	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC- 3; SC-4; SC-6; SC-7; SC- 9; SC-10; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-6; LCF-9; LCF-11; LCF-12; LCF- 13; LCF-14; LCF-15; LCF-16; LCF-17; LCF- 18; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4	1.2.14. Rationale for business decisions and risk assessment	4,0
	GC-1; GC-2; GC-3; GC-6; GC-7; GC-8; GC-9; GC- 10; GC-11; SC-1; SC-10; SC-11; SC-12; SC-14; SC- 15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-9; LCF-11; LCF-12; LCF-13; LCF- 14; LCF-16; LCF-17; LCF-18; LCF-22; LCF- 23; LCF-24; LVMS-2; LVMS-3; LVMS-4	1.2.15. Planning of enterprise activity	4,5
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-11; GC- 12; SC-7; SC-10; SC-11; SC-12; SC-14; SC-15	LCF-3; LCF-4; LCF-6; LCF-9; LCF-11; LCF- 12; LCF-13; LCF-14; LCF-15; LCF-16; LCF- 17; LCF-18; LCF-19; LCF-20; LCF-23; LCF- 24; LCF-25; LVMS-1; LVMS-2; LVMS-3; LVMS-5	1.2.16. Technical and economic practice	6,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-11; GC- 12; SC-7; SC-10; SC-11;	LCF-3; LCF-4; LCF-6; LCF-9; LCF-11; LCF- 12; LCF-13; LCF-14;	1.2.17. Settlement and economic practice	4,5

	SC-12; SC-14; SC-15	LCF-15; LCF-16; LCF-17; LCF-18; LCF-19; LCF-20; LCF-23; LCF-24; LCF-25; LVMS-1; LVMS-2; LVMS-3; LVMS-5		
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-8; GC-9; GC-10; SC-1; SC-4; SC-5; SC-6; SC-7; SC-9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-5; LCF-6; LCF-7; LCF-9; LCF-11; LCF-12; LCF-15; LCF-16; LCF-24; LVMS-3	1.2.18. state attestation	3,0
			TOTAL 1.2	90,0
	GC-1; GC-2; GC-3; GC-6; GC-8; SC-1; SC-5; SC-7; SC-8; SC-10; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-8; LCF-9; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-22; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	2.2.1. Insurance	4,0
	GC-1; GC-2; GC-3; GC-6; GC-8; SC-1; SC-5; SC-7; SC-8; SC-10; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-8; LCF-9; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-22; LCF-24; LVMS-2; LVMS-3; LVMS-4;	2.2.2. The tax system	7,0

		LVMS-5		
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC-3; SC-4; SC-5; SC-6; SC-7; SC-9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-6; LCF-7; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-18; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; RPS-1; RPS-2; RPS-3	2.2.3. Organization of production	10,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC-3; SC-4; SC-5; SC-6; SC-7; SC-9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-6; LCF-7; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-17; LCF-18; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; RPS-1; RPS-2; RPS-3	2.2.4. Economics and organization of innovation activities	8,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC-4; SC-5; SC-6; SC-7; SC-9; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-6; LCF-7; LCF-11; LCF-12; LCF-13; LCF-14; LCF-15; LCF-16; LCF-18; LCF-20; LCF-22;	2.2.5. Project analysis	8,0

		LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5		
	GC-1; GC-2; GC-3; GC-6; GC-8; SC-1; SC-5; SC-7; SC-8; SC-10; SC-11; SC- 12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-8; LCF-9; LCF-11; LCF-12; LCF- 13; LCF-14; LCF-15; LCF-16; LCF-17; LCF- 22; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	2.2.6. Capital of the enterprise: formation and evaluation	6,0
	GC-1; GC-2; GC-3; GC-6; GC-8; SC-1; SC-5; SC-7; SC-8; SC-10; SC-11; SC- 12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-8; LCF-9; LCF-11; LCF-12; LCF- 13; LCF-14; LCF-15; LCF-16; LCF-17; LCF- 22; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	2.2.7. Entrepreneurship and business culture	4,0
	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC- 3; SC-4; SC-6; SC-7; SC- 9; SC-10; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-6; LCF-9; LCF-11; LCF-12; LCF- 13; LCF-14; LCF-15; LCF-16; LCF-17; LCF- 18; LCF-20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4	2.2.8. Potential and development of the enterprise	9,0

	GC-1; GC-2; GC-3; GC-5; GC-6; GC-7; GC-8; GC-9; GC-10; GC-11; SC-1; SC- 4; SC-5; SC-6; SC-7; SC- 9; SC-11; SC-12; SC-14; SC-15	LCF-1; LCF-2; LCF-3; LCF-4; LCF-5; LCF-6; LCF-7; LCF-9; LCF-11; LCF-12; LCF-13; LCF- 14; LCF-15; LCF-16; LCF-17; LCF-18; LCF- 20; LCF-22; LCF-23; LCF-24; LVMS-2; LVMS-3; LVMS-4; LVMS-5	2.2.9. Industrial Technology Systems	4,0
			TOTAL 2.2	60,0
			TOTAL	240,0

III - FORMS OF ATTESTATION OF HIGHER EDUCATION BUILDERS

<p>Forms of certification of applicants for higher education</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>-</p>
<p>Requirements for the certification / single state qualification exam (exams) (in the presence)</p>	<p>A qualification examination with a specialty must take into account the general requirements for specialized training in accordance with the competences defined by the Standard and the educational program.</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"

Components of the system of internal quality assurance in higher education	Definitions, references and relevant documents
Principles and procedures for ensuring the quality of education	<ul style="list-style-type: none"> - Law of Ukraine "On Higher Education" of 01.07.2014 № 1556-VII; - 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); - Regulations on the diploma with honors from the SHEI USCTU (Order of the Rector of the SHEI USCTU dated 25/02/2016, No. 55); - 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); - 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)
Monitoring and periodic review of educational programs	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)
Annual assessment of higher education applicants	Regulations on the organization of rector's control over the quality of education (Order of the Rector dated March 17, 2014, No. 78)
Annual evaluation of scientific-pedagogical and pedagogical workers of a higher educational establishment	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 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,

	<p>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>
Improvement of qualification of scientific and pedagogical, pedagogical and scientific workers	<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>
The availability of the necessary resources for the organization of the educational process	<p>Educational, methodological, logistical and personnel support corresponds to licensing conditions (CM Decree dated December 30, 2015 № 1187) of educational activity. License Serial AE №636496. Certificates in the field of training and specialties.</p>
Availability of information systems for effective management of the educational process	<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>
Publicity of information about educational programs, degrees of higher education and qualifications	<p>Information about educational programs, degrees in higher education and qualifications is public and fully disclosed on the official web-portal of the university. http://udhtu.com.ua</p>
Prevention and Detection of Academic Plagiarism	<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>