

### 3. Educational Program

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<b>1 – General information</b>	
<b>Full name of IHE and structural unit</b>	Faculty of Trade and Marketing, The Department of Commodity Science, Safety and Quality Management
<b>Level of higher education and qualification name in the original language</b>	Level of higher education: Bachelor, Specialty “Entrepreneurship, trade and exchange activity”, Specialization : Commodity Science and Commercial Logistics
<b>Educational program official name</b>	Commodity Science and Commercial Logistics
<b>Diploma type and volume of the program</b>	Bachelor's Degree, 240 credits ECTS, term of training 46 months ( 3 years and 10 months)
<b>Accreditation</b>	Ministry of Education and Science of Ukraine, Certificate of accreditation ND №1196398 22 .11 . 2017, expiry date 01.07 2024
<b>Cycle / Level</b>	NRC Ukraine – 6 level, FQ - EHEA - first cycle, EQF – LLL – 6 level
<b>Preconditions</b>	Complete secondary education, elementary level of higher education
<b>Language of instruction</b>	Ukrainian
<b>Program validity period</b>	July 1, 2024
<b>Internet address for permanent placement of the program description</b>	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
<b>2 – The educational program aim</b>	
To prepare highly qualified commodity experts-logisticians, specialists in the field of entrepreneurship, trade and exchange activities in order to ensure the quality and competitiveness of goods in the integrated supply chain	
<b>3 - Educational program characteristics</b>	
<b>Subject area ( sphere of knowledge, specialty and specialization) ( if available)</b>	Subject area “Management and Administration” Specialty “ Entrepreneurship, Trade and Exchange Activity” Specialization “Commodity Science and Commercial Logistics”
<b>Educational program orientation</b>	Educational and Professional
<b>Main focus of the educational program and specialization</b>	Special education in the field of “Management and administration” in the specialty “Entrepreneurship, trade and exchange activity”, specialization “Commodity science and commercial logistics” Key words: commodity science, logistics, quality, safety, competitiveness, supply chain.
<b>Specific requirements</b>	It requires special practice in specialization
<b>4 – Career opportunities and further learning</b>	
<b>Career opportunities</b>	According to the national classification of economic activities of the DC 009: 2010, as well as taking into account the requirements of the labor market, the types of professional activities of the bachelor of commodity science and trade entrepreneurship are:

	<ul style="list-style-type: none"> <li>– wholesale and retail trade - G.;</li> <li>– warehousing - H. 52.10;</li> <li>– delivery of ready-made meals I. 56.2.</li> <li>– advice on business and management- M. 70.22;</li> <li>– technical testing and analysis – M. 71.20;</li> <li>–activities in the field of higher education K. 85.42;.</li> </ul> <p>Educational specialist degree of the bachelor of commodity research and trading enterprise in accordance with National classifier of professions DK 003:2010 can occupy the following primary positions: inspector of quality control, quality inspector of bakeries, fruit and vegetable, technical crops and animal products; inspector of the state for the quality of goods and trade; state inspector for purchases and quality of agricultural products; quality supervisor; merchandiser; buyer; inspector of goods; supervisor of food products, trade broker, trade agent, commercial agent, sales manager, trade inspector, inspector on labour safety and goods quality control</p>
<b>Further learning</b>	The possibility to study according to the program of the second (master's) level of higher education level of the NRC of Ukraine - 7th level in the field of commodity science, technology, safety, logistics, supply chain management and organization of consumer goods circulation
<b>5 – Training and assessment</b>	
<b>Teaching and learning</b>	Lectures, laboratory and practical work in small groups, distance learning courses, practical training, student centered learning, self-study, problem-oriented learning.
<b>Assessment</b>	Tests, written exams. The assessment is based on the Provision on the organization of students' educational process.
<b>6 – Program competences</b>	
<b>Integral Competence (IC)</b>	The ability to solve complex specialized tasks and practical problems in the sphere of entrepreneurship, trade and stock exchange activity on practice or during the education process that implies to use specific theories and methods of correspondent sciences, as well as it is characterized by complexity and ambiguity of conditions.
<b>General Competence (GC)</b>	<p>GC 1. The ability for abstract thinking, analysis and synthesis.</p> <p>GC 2. The ability to apply knowledge in practice.</p> <p>GC 3. Oral and written native language communication.</p> <p>GC 4. The ability of foreign language communication.</p> <p>GC 5. The ability to use information and communication technologies.</p> <p>GC 6. The ability to search, process and analyze information from various sources.</p> <p>GC 7. The ability to be part of a team.</p> <p>GC 8. The ability to be proactive and initiative.</p> <p>GC 9. The intention to protect the environment.</p> <p>GC 10. The ability to act consciously and with responsibility.</p> <p>GC 11. The ability to implement own rights and duties as a member of society, realize the values of the civil (free democratic) society and the necessity its continuing growth, supremacy of the law, rights and</p>

	<p>liberties of a citizen in Ukraine.</p> <p>GC 12. The ability to preserve and increase moral, cultural, scientific values and achievements of the society on the base of understanding the history and regularities of the subject area development, its place within the general system of knowledge about nature and society as well as within the development of society, technology and technics, to use different types and forms of motion activity to rest actively and keep a healthy lifestyle.</p>
<b>Professional Competence (PC)</b>	<p>PC 1. Critical comprehension of theoretical principles in the sphere of entrepreneurship, trade and stock exchange activity.</p> <p>PC 2. The ability to choose and employ the relevant methods, tools to justify the decisions concerning the setting-up, functioning of entrepreneurial, trade and stock exchange organizations.</p> <p>PC 3. The ability to perform activities in the form of market relations entities' interaction.</p> <p>PC 4. The ability to use innovative approaches in the entrepreneurial, trade and stock exchange organizations' activities.</p> <p>PC 5. The ability to determine and assess goods and services characteristics in the field of entrepreneurial, trade and stock exchange activities.</p> <p>PC 6. The ability to perform activities in accordance with the requirements of normative legal instruments in the sphere of entrepreneurial, trade and stock exchange activities.</p> <p>PC 7. The ability to define and fulfil professional assignments on organizing the entrepreneurial, trade and stock exchange structures' activities.</p> <p>PC 8. The ability to employ the fundamentals of accounting and taxation in entrepreneurial, trade and stock exchange activities.</p> <p>PC 9. The ability to organize the foreign economic activity of entrepreneurial, trade and stock exchange structures.</p> <p>PC 10. The ability to business-planning, evaluation of the current situation on the market and the activities results of the entrepreneurial, trade and stock exchange practice including risks.</p> <p>PC 11. The ability to form effective supply chains and consumer goods logistics.</p> <p>PC 12. The ability to carry out operational control over the quality of goods throughout the integrated chain of goods.</p>
<b>7 – Program learning outcomes</b>	
	<ol style="list-style-type: none"> <li>1. To use basic knowledge of entrepreneurship, trade and exchange activity as well as critical thinking, analysis, synthesis in professional purposes.</li> <li>2. To use the knowledge acquired to discover, state and solve assignments within different practical situations in the field of entrepreneurial, trade and stock exchange activity.</li> <li>3. To acquire the skills of written and oral professional communication by both the national and foreign languages.</li> <li>4. To employ the state-of-the-art computer and telecommunication technologies of exchanging and distributing the information of</li> </ol>

professional purposes in the sphere of entrepreneurship, trade and stock exchange activity.

5. To organize the search, independent selection, quality processing of information from different sources to form data bases in the sphere of entrepreneurship, trade and stock exchange activity.
6. To demonstrate the ability to work independently and in a team, have the skills of interpersonal interaction, which allow to achieve professional goals.
7. To demonstrate the ability to be proactive and take on responsibility.
8. To use the knowledge and skills acquired to initiate and put into practice the assignments in the sphere of environmental protection and to perform safe functioning of entrepreneurial, trade and stock exchange structures.
9. To know the requirements on the professional activity, based on the necessity to ensure the sustainable development of Ukraine.
10. To demonstrate the ability to be socially responsible in accordance with ethical, cultural, and scientific values of society.
11. To know the fundamentals of entrepreneurship, commerce and exchange activity and to apply them in practice.
12. To be able to perform professional tasks on managing the entrepreneurial, trade and stock exchange structures functioning and solve problems in critical situations considering external and internal influence.
13. To know the forms of market relations entities' interaction to ensure the entrepreneurial, trade and stock exchange structures functioning.
14. To employ innovative approaches within entrepreneurial, trade and stock exchange activities.
15. To assess the quality of goods and services in the field of entrepreneurship, trade and exchange activity using modern techniques.
16. To know the fundamentals of legal and regulatory support for the entrepreneurial, trade and stock exchange structures functioning.
17. To be able to perform professional tasks on managing the entrepreneurial, trade and stock exchange structures functioning and solve problems in critical situations considering external and internal influence.
18. To employ the knowledge of essential accounting and taxation in entrepreneurial, trade and stock exchange activities.
19. To implement the knowledge and skills concerning the effective organization of foreign economic activity of entrepreneurial, trade and stock exchange 10 structures taking into consideration the market conditions and current legal norms.
20. To demonstrate the abilities of business-planning, the assessment of the market conditions and entrepreneurial, trade and stock exchange structures' functioning including risks.
21. To use the knowledge and skills to form an effective chain supply and consumer goods logistics.

	22. To evaluate the safety and quality of goods throughout an integrated chain of goods.
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	100% of teaching staff with scientific degree and/or academic degree are involved in the program realization. Pedagogical workers go through advanced professional training every five years.
<b>Material and technical support</b>	Educational premises, residential, sports facilities that conform sanitary norms and regulations, state construction norms of Ukraine.
<b>Information and educational-methodical support</b>	Comprehensive office software MS Office package, test programs developed in KNUTE, Moodle platform for distance learning, professional programs for simulating of dangerous factors dynamics and developing measures for their open access to FDA, FAO are used during the training. Each discipline is provided with the educational and methodical complex, which compulsory includes: program and work program of the discipline, methodical recommendations for the students' self-study of the discipline, lectures outlines, methodical recommendations for carrying out practical works and/or laboratory workshops, a tutorial for fulfillment (preparation) of the final qualification exam as well as selectively (optionally) collection of testing tasks and situational exercises, methodical instructions for completion (conducting) term papers (undergraduate thesis), textbooks.
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	On a general base within Ukraine. Short-term education of students at other higher education establishments according to the specific educational components that guarantee the general or professional competence acquisition.
<b>International credit mobility</b>	Cooperation agreements, including partner exchange and students tuition agreements were signed with higher educational institutions of France, Great Britain, Poland and Germany. Training in the direction of CA1 at a pre-determined course for obtaining loans at the universities of the member countries of the Erasmus Program +.
<b>Training of overseas students</b>	.Foreign students of higher education have the opportunity to study at the preparatory department for foreigners and stateless persons and according to the specialization.

## 2. List of educational program components in the logical sequence

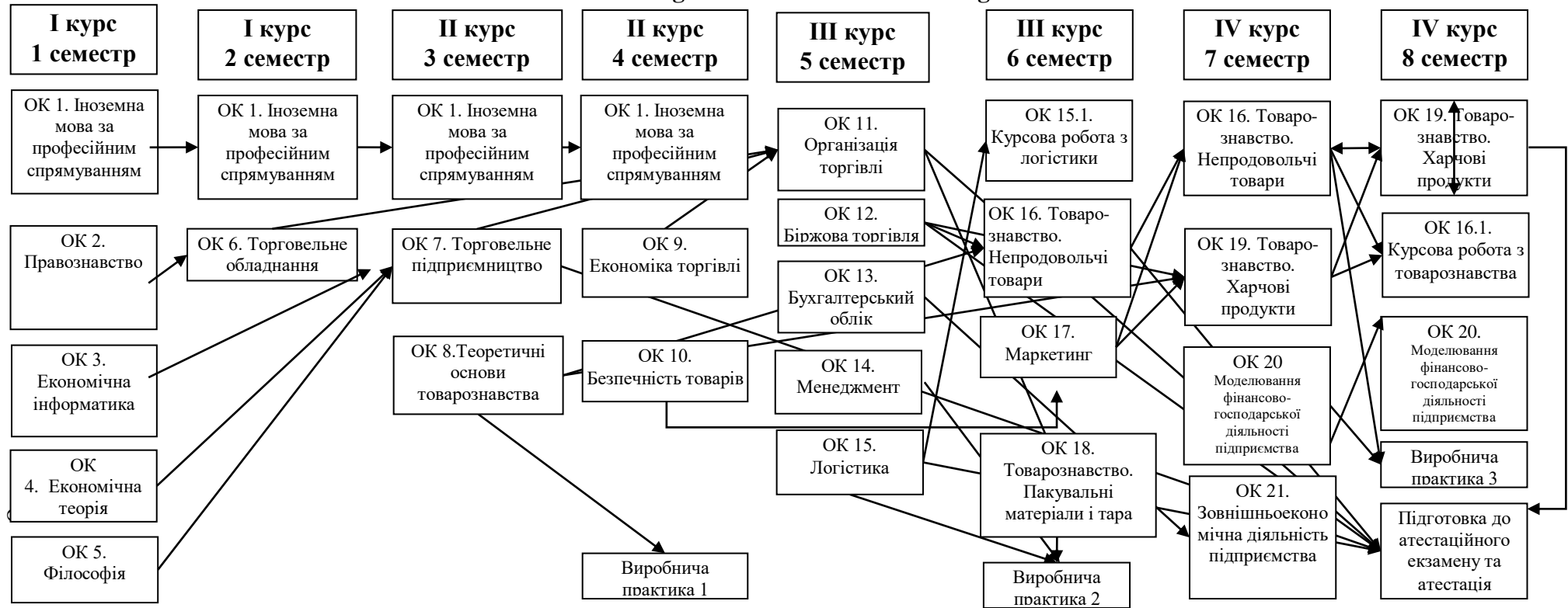
### 2.1 List of educational program components

Code	Components of educational program (academic disciplines, term projects (papers), industrial placements, qualification exam, final qualification work)	Amount of credits
1	2	3
CC 1	Foreign Language for Professional Purposes	21
CC 2	Jurisprudence	6
CC 3	Economic informatics	6

CC 4	Economic Theory	6
CC 5	Philosophy	6
CC 6	Commercial equipment	6
CC 7	Trade entrepreneurship	6
CC 8	Theoretical Foundations of Commodity Science	6
CC 9	Trade Economics	6
CC 10	Safety of Goods	4,5
CC 11	Trade Organizing	6
CC 12	Stock Trading	6
CC 13	Accounting	6
CC 14	Management	6
CC 15	Logistics	12
CC 15.1	Term project in logistics	
CC 16	Commodity Science. Non-foods	15
CC 16.1	Term project in Commodity science	
CC 17	Marketing	6
CC 18	Commodity Science. Packaging	6
CC 19	Commodity Science. Food staff	12
CC 20	Financial and Economic Activity of the Enterprise Modeling	9
CC 21	Foreign economic activity of the enterprise	6
<b>Total amount of compulsory components:</b>		<b>163,5</b>
BK1	Higher and Applied Mathematics	6
BK 2	Statistics	6
BK 3	Physical Methods of Investigation	6
BK4	Chemistry	6
BK5	Instrumental Research Method	6
BK 6	Esthetics	6
BK 7	History of Ukraine	6
BK 8	History of Ukrainian Culture	6
BK11	Elocution	6
BK12	Religious Studies	6
BK13	World Culture	6
BK14	Ukrainian Language for professional purposes	6
BK15	Sociology	6
BK16	Logic	6
BK17	Politology	6
BK18	Business Ethics	6
BK19	Trade Psychology	6
BK20	Social Leadership	6
BK21	Diplomatic and Business Protocol and Etiquette	6
BK22	Material science and the basics of technology of goods production	6
BK23	World market for goods and services	6
BK24	Life safety	6
BK 25	Electronic document flow	6
BK26	Microbiology	6

BK27	Food microbiology	6
BK 28	Sensory analysis	6
BK 29	Standardization, Metrology and Quality Management	6
BK 30	Commodity categories in retail	6
BK 31	Codex Alimentarius	6
BK 32	Contract law	6
BK 33	Economic analysis	6
BK 34	Commercial law	6
BK 35	Consumer rights protection	6
BK 36	Corporation law	6
BK 37	E-commerce and fulfillment	6
BK 38	Designing of commercial objects	6
BK 39	Advertising in trade	6
BK 40	Internet technologies in business	6
BK 41	Internet technologies in retail	6
BK 42	Digital-technologies in business	6
BK 43	Sales management and merchandising	6
BK 44	Customs Affairs	6
BK 45	Conformity valuation	6
BK 46	Comparative testing of goods and services	6
BK 47	Commodity Science. Civilian weapons	6
BK 48	Commodity Science. Combustibles and lubricants	6
BK 49	Commodity Science. Products for special purposes	6
BK 50	Commodity Science. Services	6
BK 51	Commodity Science. Flowers	6
BK 52	Commodity Science. Vehicles	6
BK 53	Commodity Science. Food supplements	6
BK 54	Foreign Language	12
<b>Total volume of optional components:</b>		<b>60</b>
<b>Practical training</b>		
	Industrial placement 1	4,5
	Industrial placement 2	3
	Industrial placement 3	6
<b>Total</b>		<b>13,5</b>
<b>Attestation</b>		
	Preparation for Qualification Exam and Attestation	3
<b>TOTAL EDUCATIONAL PROGRAM VOLUME</b>		<b>240</b>

### Structural-Logic Scheme of Education Program





## The form of attestation of higher education applicants

The form of attestation is the complex qualification exam.

Attestation of specialty 076 “ Entrepreneurship, trade and exchange activities” is carried out by the examination commission according to the requirements of the higher education standard.

### Matrix of correspondence of program learning competence to educational program components

Компоненти Компетентності	OK 1	OK 2	OK 3	OK 4	OK 5	OK 6	OK 7	OK 8	OK 9	OK 10	OK 11	OK 12	OK 13	OK 14	OK 15	OK 16	OK 17	OK 18	OK 19	OK 20	OK 21	
ЗК 01					+																	
ЗК 02						+					+		+			+				+	+	
ЗК 03							+								+	+				+		
ЗК 04	+																					
ЗК 05			+			+																+
ЗК 06									+			+	+			+	+			+	+	
ЗК 07							+					+		+							+	
ЗК 08															+						+	
ЗК 09										+						+				+		
ЗК 10		+																				
ЗК 11		+																				
ЗК 12				+																		
СК1				+			+	+				+										
СК2												+										
СК3									+		+	+										+
СК 4							+															
СК 5												+				+		+	+			
СК 6		+																				
СК 7											+				+							+
СК 8													+									
СК9																						+
СК 10						+	+		+									+				
СК 11											+				+							
СК 12																		+	+			





## Matrix of correspondence of program learning competence to educational program components

Програмні результати навчання	Компоненти																				
	OK 1	OK 2	OK 3	OK 4	OK 5	OK 6	OK 7	OK 8	OK 9	OK 10	OK 11	OK 12	OK 13	OK 14	OK 15	OK 16	OK 17	OK 18	OK 19	OK 20	OK 21
1					+			+								+				+	
2						+					+	+	+		+	+	+	+	+	+	
3	+																				
4			+																		
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