

**3. Educational Program**  
**1. Educational Program Profile in specialty 072 “Finance, banking and insurance”**  
**(in specialization “State audit”)**

<b>1 – General information</b>	
<b>Full name of HEI and structural unit</b>	Kyiv National University of Trade and Economics Faculty of Finance and Accounting Finance Department
<b>Higher education level and qualification name in the original language</b>	Higher education level “Master” Specialty “Finance, banking and insurance” Specialization “State Audit”
<b>Educational program official name</b>	“State Audit”
<b>Diploma type and the educational program volume</b>	Master diploma, 90 ECTS credits, training period 16 months
<b>Accreditation availability</b>	-
<b>Cycle/Level</b>	National Qualification Frameworks of Ukraine – level 7, FQ-EHEA – the second cycle, EQF-LLL – level 7
<b>Preconditions</b>	Educational level – bachelor or specialist
<b>Language(s) of instruction</b>	Ukrainian
<b>Program validity period</b>	By scheduled accreditation
<b>Internet address for permanent placement of the educational program description</b>	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
<b>2 – Educational program aim</b>	
Ensure the learner to obtain the in-depth knowledge, skills and abilities necessary for solving problems in the field of his/her professional activity, which includes research and innovation performance, ensuring the ability to carry out professional activities in the entry-level position or transition to further training immediately after this program.	
<b>3 – Educational program characteristics</b>	
<b>Subject area (sphere of knowledge, speciality, and specialization (if available))</b>	Field of knowledge 07 «Management and administration» Speciality 072 “Finance, banking and insurance” Specialization “State Audit”
<b>Educational program orientation</b>	Educational and professional orientation
<b>Main focus of the educational program and specialization</b>	A specialized program is aimed at developing professional competencies related to state audit organizing, planning and performing. Key words: state audit, finance, public finance, public expenditure, financial system, financial policy, budget system.
<b>Program features</b>	The Kyiv National University of Trade and Economics and the Ministry of Finance of Ukraine, the State Treasury Service of Ukraine, the State Fiscal Service of Ukraine have made cooperation agreements allowing students to do practical training in the Ministry of Finance of Ukraine, and the relevant financial, territorial treasury authorities, which improves the experts training quality.

4 – Graduates employability and suitability for further learning	
<b>Employability</b>	Employment in government and local authorities in the positions of experts with functional responsibilities relating to the state audit.
<b>Further learning</b>	Ability to learn by the third higher education programs level.
5 – Teaching and assessment	
<b>Teaching and learning</b>	Student-centered learning, self-study, problem-oriented learning, learning with elements of distance technology.
<b>Assessment</b>	<p>Carried out in accordance with:</p> <ul style="list-style-type: none"> <li>- "Regulations on students educational process organization";</li> <li>- "Regulations on learning outcomes assessment for students and post-graduate students"</li> </ul> <p>Assessment methods: written examinations, a credit according to practical (pre-diploma) training results, a final qualifying work preparation and defense.</p>
6 - Program competences	
<b>Integral competence</b>	Ability to solve complex tasks and problems in professional activities or in training process in finance, banking and insurance, <i>in particular state audit</i> , which involves research and/or innovation and characterized by terms and requirements uncertainty.
<b>General competences (GC)</b>	<p>GC1. Ability to abstract thinking, analysis and synthesis</p> <p>GC2. Ability to communicate in a foreign language.</p> <p>GC3. Ability to conduct research at the appropriate level.</p> <p>GC4. Ability to identify, set and solve problems.</p> <p>GC5. Ability to make proved decisions.</p> <p>GC6. Interpersonal skills.</p> <p>GC7. Ability to motivate people and move towards a common goal.</p> <p>GC8. Ability to work in an international context.</p> <p>GC9. Ability to act on the basis of ethical considerations (motives).</p>
<b>Specialized (professional, subject competences) (SC)</b>	<p>SC1. Ability to use the fundamental laws of finance, banking and insurance development in state audit in combination with research and management tools to perform professional and scientific activities.</p> <p>SC2. Ability to use theoretical and methodological tools for diagnosing and modeling of financial activities of economic entities in state audit.</p> <p>SC3. Ability to apply management skills in finance, banking and insurance, in particular in state audit.</p> <p>SC4. Ability to evaluate the effectiveness of scientific, analytical and methodological tools for proved management decisions in finance, banking and insurance, as well as in state audit.</p> <p>SC5. Ability to assess the limits of their own professional competence and improve professional skills in state audit.</p> <p>SC6. Ability to apply interdisciplinary approaches in solving complex problems in finance, banking and insurance, in particular in state audit.</p> <p>SC7. Ability to search, use and interpret information necessary to solve professional and scientific problems in finance, banking and insurance, including state audit.</p> <p>SC8. Ability to apply innovative approaches in finance, banking and insurance, as well as in state audit.</p> <p>SC9. Ability to develop technical tasks for designing information systems in finance, banking and insurance, including in state audit.</p>
7 – Program learning outcomes	
	PLO1. Use fundamental laws of finance, banking and insurance, <i>in particular state audit</i> , in combination with research and management

	<p>tools for professional and scientific activities performance.</p> <p>PLO2. Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance, <i>including state audit</i>.</p> <p>PLO3. Adapt and modify existing scientific approaches and methods to specific situations of professional activity, <i>in particular in state audit</i>.</p> <p>PLO4. Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance, <i>including state audit</i>.</p> <p>PLO5. Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss research results, <i>in particular in state audit</i>.</p> <p>PLO6. Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions <i>on all state audit issues</i>.</p> <p>PLO7. Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p>PLO8. Be able to apply innovative approaches in finance, banking and insurance, <i>including state audit</i>, and manage them.</p> <p>PLO9. Apply management skills in finance, banking and insurance, <i>as well as in state audit</i>.</p> <p>PLO10. Carry out diagnostics and modeling of economic entities financial activity <i>in state audit</i>.</p> <p>PLO11. Apply in-depth knowledge in financial, banking and insurance management, <i>including state audit</i> for decision making.</p> <p>PLO12. Prove choosing management decisions options in finance, banking and insurance, <i>in particular in state audit</i>, and evaluate their effectiveness taking into account objectives, existing restrictions, legal and ethical aspects.</p> <p>PLO13. Evaluate the degree of tasks complexity in activity planning and its results processing.</p>
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
<b>Material and technical support</b>	Using KNUTE computer and specialized laboratories.
<b>Information and educational-methodical support</b>	<p>The educational program implementation is carried out upon availability of full provision of educational and methodical complexes of disciplines, programs of practical training and other types of educational and methodical materials.</p> <p>Information support is provided on the basis of KNUTE distance learning system, department computer classrooms, and university resources.</p>
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	On general provisions within Ukraine. Short-term students training according to predetermined course at higher education institutions.
<b>International credit mobility</b>	<p>Cooperation agreements between KNUTE and higher education institutions in France, Great Britain, Poland, Germany, within which students partner exchange and training are carried out.</p> <p>Training in KA1 according to predetermined courses with credits obtaining in universities of Erasmus + countries</p>

<b>Foreign applicants for higher education training</b>	Foreign applicants for higher education have an opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.
---	---

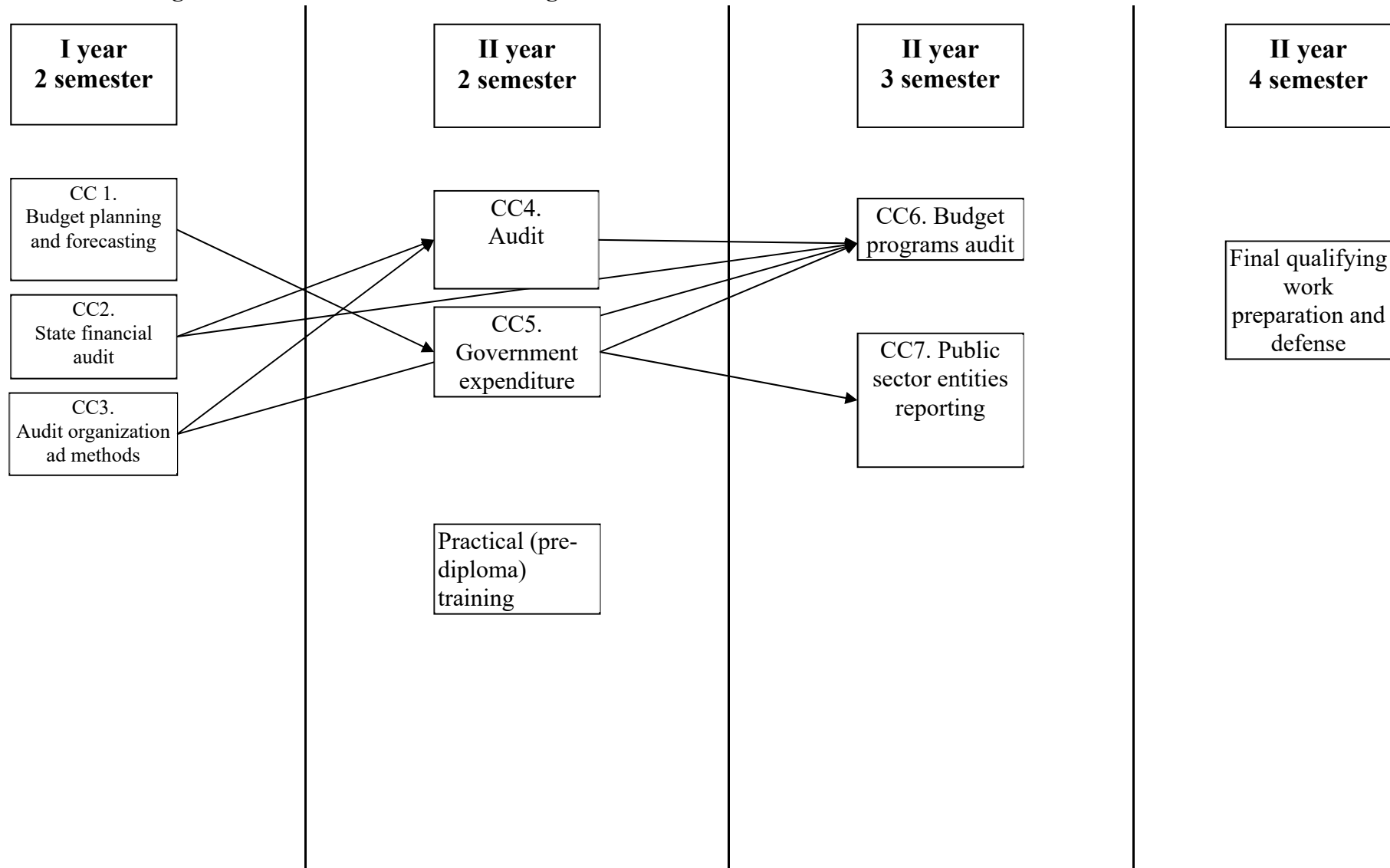
## 2. List of the educational program components and their logical order

### 2.1. List of the educational program components

Code	Educational program components (academic disciplines, course projects (works), practical trainings, A qualifying examination, a final qualifying work)	Amount of credits
1	2	3
<b>Educational program compulsory components</b>		
CC 1	Budget planning and forecasting	6
CC 2	State financial audit	6
CC 3	Audit organization and methods	6
CC 4	Audit	7,5
CC 5	Public expenditures	7,5
CC 6	Budget programs audit	6
CC 7	Public sector entities reporting	6
<b>Compulsory components total volume:</b>		<b>45</b>
<b>Educational program optional components</b>		
OC1	State policy analysis	6
OC2	Internal audit	6
OC3	Public sector economy	6
OC4	Public procurement control	6
OC5	Public property items management control	6
OC6	State social policy	6
OC7	Financial modeling	6
OC8	Financial management	6
OC9	Financial monitoring	6
OC10	Financial technologies	6
<b>Optional components total volume:</b>		<b>24</b>
<b>Practical training</b>		
Practical (pre-diploma) training		9
<b>Attestation</b>		
Final qualifying work preparation and defense		12
<b>EDUCATIONAL PROGRAM TOTAL VOLUME</b>		<b>90</b>

The form of final control for all the educational program components is an examination.

## 2.2. Structural-logical scheme of the Educational Program



### **3. ATTESTATION FORM FOR APPLICANTS FOR HIGHER EDUCATION**

Applicants attestation is carried out in the form of public final qualifying work defense.

The final qualification work should involve solving a complex task or problem in finance, banking and insurance, in particular state audit, which involves research and/or innovation and is characterized by conditions and requirements uncertainty.

The final qualifying work must not contain academic plagiarism, fabrication or falsification. The final qualifying work must be placed in the higher education institution or its structural unit official website or in the higher education institution repository.

#### 4. MATRIX OF THE PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM COMPONENTS

Components/Competences	CC1	CC2	CC3	CC4	CC5	CC6	CC7	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10
GC1	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+
GC2	+		+	+	+			+	+	+	+			+	+		+
GC3	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+
GC4	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+
GC5	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+
GC6	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC7		+	+	+		+	+		+								
GC8	+		+		+			+		+	+	+	+	+	+	+	+
GC9		+	+	+		+	+		+				+				
SC 1	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+
SC 2	+	+	+	+	+	+	+	+	+	+				+	+	+	+
SC 3	+	+		+	+	+		+	+	+	+	+	+	+	+		+
SC 4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SC 5		+		+		+	+		+						+	+	+
SC 6	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+
SC 7			+	+	+		+		+			+			+	+	+
SC 8	+	+	+	+	+	+		+	+	+	+	+	+	+			
SC 9		+	+	+		+	+		+		+	+	+	+	+	+	+

## 5. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE RELEVANT EDUCATIONAL PROGRAM COMPONENTS

[illegible]



## Changes registration paper

[illegible]

**3. Educational Program**  
**1. Educational Program Profile in specialty 072 “Finance, banking and insurance”**  
**(in specialization “International Finance”)**

<b>1 – General Information</b>	
<b>Full name of HEI and structural unit</b>	Kyiv National University of Trade and Economics Faculty of Finance and Accounting Finance Department
<b>Higher education level and qualification name in the original language</b>	Higher education level “Master” Specialty “Finance, banking and insurance” Specialization “International Finance”
<b>Educational program official name</b>	“International Finance”
<b>Diploma type and the educational program volume</b>	Master diploma, unitary, 90 ECTS credits, training period 16 months
<b>Accreditation Availability</b>	-
<b>Cycle\Level</b>	National Qualification Frameworks of Ukraine – level 7, FQ-EHEA – the second cycle, EQF-LLL – level 7
<b>Preconditions</b>	Educational level – bachelor or specialist
<b>Language(s) of instruction</b>	Ukrainian
<b>Program validity period</b>	By scheduled accreditation
<b>Internet address for permanent placement of the educational program description</b>	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
<b>2 – Educational program aim</b>	
Ensure the learner to obtain the in-depth knowledge, skills and abilities necessary for solving problems in his / her professional activity, which includes research and innovation performance, ensuring the ability to carry out professional activities in the entry-level position or transition to further training immediately after this program.	
<b>3 - Educational program characteristics</b>	
<b>Subject area (sphere of knowledge, speciality, and specialization(if available))</b>	Field of knowledge 07 “Management and administration” Specialty 072 “Finance, banking and insurance” Specialization “International Finance”
<b>Educational program orientation</b>	Educational and professional orientation. The focus is made on solving complex tasks or problems in international finance, which involves research and/or innovation and is characterized by terms and requirements uncertainty.
<b>Main focus of the educational program and specialization</b>	A specialized program is aimed at developing professional competences related to management, planning and forecasting in international finance. Key words: finance, international finance, international financial flows, currency dealing, transfer pricing, financial services, financial technologies, international financial institutions, international audit, investments.
<b>Program features</b>	In-depth study and knowledge of prospective areas of international finance development, features of financial mechanism functioning in

	foreign economic sphere, data mining, processes financial modeling, and decision-making in context of international finance uncertainty and features.
<b>4 – Graduates employability and suitability for further learning</b>	
<b>Employability</b>	Jobs by the national classifier of Ukraine "Classifier of professions" SC 003: 2010: <ul style="list-style-type: none"> <li>• 2310. University and higher educational institutions teachers.</li> <li>• 2419.3. State service professionals.</li> <li>• 146 Managers in financial activities</li> <li>• 1461 Managers in monetary intermediation</li> <li>• 1462 Managers in financial leasing</li> <li>• 1467 Managers in supporting activities in finance</li> <li>• 2441 Professionals in economics</li> <li>• 2441.1. Researchers (economics).</li> <li>• 2441.2 Economists.</li> </ul> The graduate may hold other positions in accordance with the professional job titles characterized by special professional competences.
<b>Further learning</b>	Ability to study by the programs of the third higher educational and scientific level (Doctor of Philosophy) and acquire additional qualifications in postgraduate education system.
<b>5 - Teaching and assessment</b>	
<b>Teaching and learning</b>	Student-centered learning, an individual study, self-study, problem-oriented and learning with distance technologies elements application.
<b>Assessment</b>	Current control, written examinations, presentations, testing, a credit by practical (pre-diploma) training results, a final qualifying work preparation and defense.
<b>6 - Program competences</b>	
<b>Integral competence</b>	Ability to solve complex tasks and problems in professional activities or in training process in finance, banking and insurance, <i>in particular in international finance</i> , which involves research and/or innovation and characterized by terms and requirements uncertainty.
<b>General competences (GC)</b>	<b>GC1.</b> Ability to abstract thinking, analysis and synthesis <b>GC2.</b> Ability to communicate in a foreign language. <b>GC3.</b> Ability to conduct research at the appropriate level. <b>GC4.</b> Ability to identify, set and solve problems. <b>GC5.</b> Ability to make proved decisions. <b>GC6.</b> Interpersonal skills. <b>GC7.</b> Ability to motivate people and move towards a common goal. <b>GC8.</b> Ability to work in an international context. <b>GC9.</b> Ability to act on the basis of ethical considerations (motives).
<b>Special (professional, subject) competences (SC)</b>	<b>SC1.</b> Ability to use the fundamental laws of finance, banking and insurance development of finance, banking and insurance, <i>in particular international finance</i> , in combination with research and management tools for professional and scientific activities performing. <b>SC2.</b> Ability to use theoretical and methodological tools for diagnosing and modeling of economic entities financial activity. <b>SC3.</b> Ability to apply management skills in finance, banking and insurance, <i>in particular international finance</i> . <b>SC4.</b> Ability to evaluate the effectiveness of scientific, analytical and methodological tools for proved management decisions in finance, banking and insurance.

	<p>SC5. Ability to assess the limits of their own professional competences and improve professional skills.</p> <p>SC6. Ability to apply interdisciplinary approaches in solving complex problems in finance, banking and insurance, <i>in particular international finance</i>.</p> <p>SK7. Ability to search, use and interpret information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p>SC8. Ability to apply innovative approaches in finance, banking and insurance, <i>in particular international finance</i>.</p> <p>SC9. Ability to develop technical tasks for designing information systems in finance, banking and insurance.</p>
<b>7 – Program learning outcomes</b>	
	<p>PLO1. Use fundamental laws of finance, banking and insurance in combination with research and management tools for professional and scientific activities performance.</p> <p>PLO2. Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance.</p> <p>PLO3. Adapt and modify existing scientific approaches and methods to specific situations of professional activity.</p> <p>PLO4. Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance, <i>in particular international finance</i>.</p> <p>PLO5. Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss research results.</p> <p>PLO6. Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions.</p> <p>PLO7. Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p>PLO8. Be able to apply innovative approaches in finance, banking and insurance and manage them.</p> <p>PLO9. Apply management skills in finance, banking and insurance, <i>in particular international finance</i>.</p> <p>PLO10. Carry out diagnostics and modeling of economic entities financial activity.</p> <p>PLO11. Apply in-depth knowledge in financial, banking and insurance management for decision making.</p> <p>PLO12. Prove choosing management decisions in finance, banking and insurance and evaluate their effectiveness taking into account objectives, existing restrictions, legal and ethical aspects.</p> <p>PLO13. Evaluate the degree of tasks complexity in activity planning and processing its results.</p>
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
<b>Material and technical support</b>	Using KNUTE computer and specialized laboratories.
<b>Information and educational-methodical support</b>	The educational program implementation is carried out upon availability of full provision of educational and methodical complexes of disciplines, programs of practical training and other types of educational and methodical materials.

	Information support is provided on the basis KNUTE distance learning system, department computer classrooms, and university resources.
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	On general provisions within Ukraine. Short-term students training according to predetermined course in higher education institutions.
<b>International credit mobility</b>	Cooperation agreements between KNUTE and higher education institutions in France, Great Britain, Poland, Germany, within which partner student exchange and training are carried out. Training in KA1 according to predetermined courses with credits obtaining in universities of Erasmus + countries.
<b>Foreign applicants for higher education training</b>	Foreign applicants for higher education have an opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.

## 2. List of the educational program components and their logical order

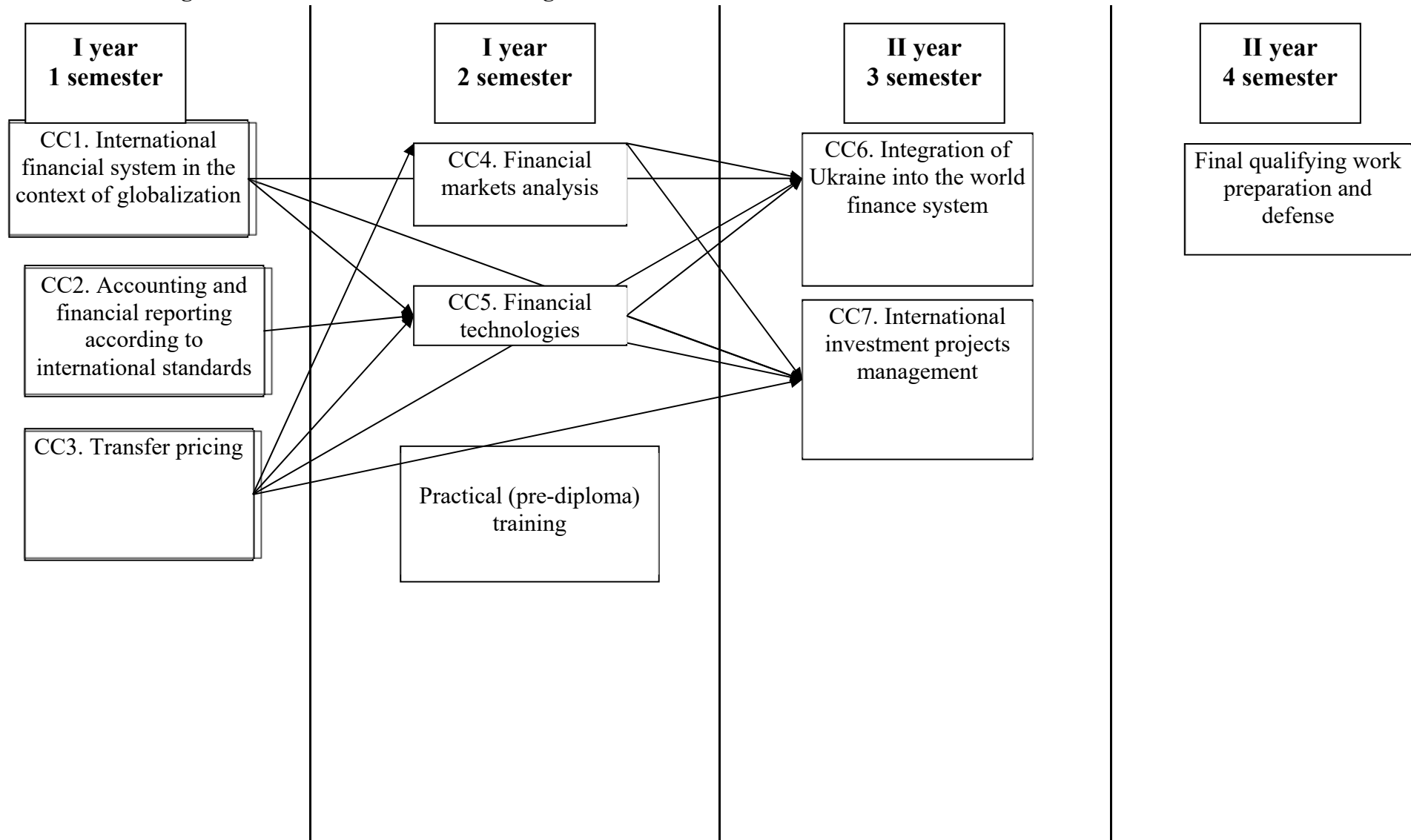
### 2.1. List of the educational program components.

Code	Educational program components (academic disciplines, course projects (works), practical trainings, a qualifying examination, a final qualifying work)	Amount of credits
1	2	3
<b>Educational program compulsory components</b>		
CC1.	International financial system in the context of globalization	6
CC2	Accounting and financial reporting according to international standards	6
CC3	Transfer pricing	6
CC4	Financial markets analysis	7,5
CC5	Financial technologies	7,5
CC 6	Integration of Ukraine into the world finance system	6
CC7	International investment projects management	6
<b>Compulsory components total volume:</b>		<b>45</b>
<b>Educational program optional components</b>		
OC1	Budget planning and forecasting	6
OC2	Currency dealing	6
OC3	International audit	6
OC4	International economic development strategies	6
OC5	Project financing	6
OC6	Financial services market	6
OC7	World insurance market	6
OC8	Business analytics system in international business	6
OC9	Public debt management	6
OC10	Financial risk management	6
OC11	Financial modeling	6
OC12	Cloud and GRID technologies	6
<b>Optional components total volume:</b>		<b>24</b>
<b>Practical training</b>		
Practical (pre-diploma) training		9
<b>Attestation</b>		

Final qualifying work preparation and defense	12
<b>EDUCATIONAL PROGRAM TOTAL VOLUME</b>	<b>90</b>

\*The form of final control for all the educational program components is an examination.

## 2.2. Structural-logical scheme of the Educational Program



### **3. ATTESTATION FORM FOR APPLICANTS FOR HIGHER EDUCATION**

Applicants attestation is carried out in the form of public final qualifying work defense.

The final qualification work should involve solving a complex task or problem in finance, banking and insurance, in particular state audit, which involves research and/or innovation and is characterized by conditions and requirements uncertainty.

The final qualifying work must not contain academic plagiarism, fabrication or falsification. The final qualifying work must be placed in the higher education institution or its structural unit official website or in the higher education institution repository.



#### 4.1. MATRIX OF THE PROGRAM COMPETENCIES CONFORMITY WITH THE EDUCATIONAL PROGRAM COMPULORY COMPONENTS

<div>Components</div> <div>Competences</div>	CC1	CC2	CC3	CC4	CC5	CC6	CC7
GC1	+	+	+	+	+	+	+
GC2	+	+	+			+	+
GC3	+		+		+	+	+
GC4	+		+	+		+	+
GC5	+	+	+	+	+	+	+
GC6	+	+	+	+		+	+
GC7	+		+			+	+
GC8	+	+	+		+	+	+
GC9						+	+
SC 1	+	+	+	+	+	+	+
SC 2		+	+		+		+
SC 3			+		+		+
SC 4		+	+	+	+	+	
SC 5	+		+	+	+	+	
SC 6	+	+	+	+	+	+	+
SC 7	+	+	+	+	+	+	+
SC 8		+	+		+		+
SC 9					+		

#### 4.2. MATRIX OF THE PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

Components Competences	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10	OC11	OC12
GC1	+	+	+	+	+	+	+	+	+	+	+	+
GC2			+	+		+	+	+				+
GC3	+	+	+		+	+	+	+	+	+	+	+
GC4	+	+	+	+	+	+	+	+	+	+	+	+
GC5	+	+	+	+	+	+	+	+	+	+	+	
GC6			+							+		
GC7			+		+					+		
GC8	+	+	+	+	+	+	+	+	+	+	+	+
GC9	+			+	+	+					+	
SC1				+	+	+	+		+		+	
SC2		+	+			+	+	+		+	+	
SC3	+	+	+		+	+			+	+	+	
SC4	+					+		+	+	+	+	+
SC5	+				+				+	+		+
SC6	+				+	+	+	+	+	+	+	
SC7	+	+	+		+	+		+	+	+	+	
SC8				+	+	+					+	+
SC9								+			+	

## 5. 1. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE RELEVANT EDUCATIONAL PROGRAM COMPULSORY COMPONENTS

<div> <div>Components</div> <div>Program Learning outcomes</div> </div>	CC1	CC2	CC3	CC4	CC5	CC6	CC7
	+	+		+		+	+
PLO 2	+					+	
PLO 3			+	+	+		+
PLO 4	+	+	+	+	+	+	+
PLO 5	+		+		+	+	+
PLO 6	+	+	+	+	+	+	+
ΠP07				+			+
PLO 8		+	+		+		+
PLO 9			+	+	+	+	+
PLO 10		+	+		+		+
PLO 11			+	+	+		
PLO 12		+	+	+	+	+	+
PLO 13						+	+

## 5.2. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE RELEVANT EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

<div> <div>Components</div> <div>Program learning outcomes</div> </div>	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10	OC11	OC12
PLO1	+			+	+	+	+	+	+	+	+	
PLO 2	+		+	+			+	+	+		+	+
PLO 3	+	+	+	+	+		+	+	+	+		+
PLO 4	+		+	+	+	+	+	+	+	+	+	+
PLO 5				+			+	+	+			+
PLO 6	+	+	+	+	+		+	+	+	+	+	+
PLO7				+								+
PLO 8					+		+	+		+		+
PLO 9	+	+	+	+	+			+	+	+		
PLO 10	+	+			+		+		+		+	
PLO 11		+		+	+	+		+	+		+	+
PLO 12	+	+	+	+	+		+	+	+	+	+	
PLO 13	+		+				+	+	+	+		

## Changes registration paper

[illegible]

### 3. Educational Program

#### 1. Educational Program Profile in specialty 072 “Finance, banking and insurance” (in specialization “Public Finance”)

1 – General Information	
Full name of HEI and structural unit	Kyiv National University of Trade and Economics Faculty of Finance and Accounting Finance Department
Higher education level and qualification name in the original language	Higher education level “Master” Specialty “Finance, banking and insurance” Specialization “Public Finance”
Educational program official name	“Public Finance”
Diploma type and the educational program volume	Master diploma, unitary, 90 ECTS credits, training period 16 months
Accreditation Availability	Accredited (specialty), National Accreditation Agency of Ukraine, by 01.07.2024
Cycle/Level	National Qualification Frameworks of Ukraine –level 7, FQ-EHEA – the second cycle, EQF-LLL – level 7
Preconditions	Educational level – bachelor or specialist
Language(s) of instruction	Ukrainian
Program validity period	By 01.07.2024
Internet address for permanent placement of the educational program description	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
2 – Educational program aim	
Ensure the learner to obtain the in-depth knowledge, skills and abilities necessary for solving problems in his/her professional activity, which includes research and innovation performance, ensuring the ability to carry out professional activities in the entry-level position or transition to further training immediately after of this program.	
3. Educational program characteristics	
Subject area (sphere of knowledge, speciality, and specialization(if available))	Field of knowledge 07 “Management and administration” Specialty 072 “Finance, banking and insurance” Specialization “Public Finance”
Educational program orientation	Educational and professional orientation.
The main focus of educational program and specialization	A specialized program is aimed at developing professional competences related to management, planning and forecasting in public finance. Key words: public finance, financial system, financial policy, budget system, tax system.
Program features	Kyiv National University of Trade and Economics and the Ministry of Finance of Ukraine, the State Treasury Service of Ukraine, the State Fiscal Service of Ukraine have made cooperation agreements allowing students to do practical training in the Ministry of Finance of Ukraine, and the relevant financial, territorial treasury authorities, which improves the experts training quality.

4 – Graduates employability and suitability for further learning	
<b>Employability</b>	<p>Work by the national classifier of Ukraine "Professions Classifier" SC 003: 2010:</p> <ul style="list-style-type: none"> <li>• 2310. Universities and higher educational institutions teachers.</li> <li>• 2419.3. State Service experts.</li> <li>• 2441.1. Researchyky (economics)</li> <li>• 2441.2 Economists</li> </ul> <p>A graduate can hold other positions in accordance with professional job titles characterized by special professional competences.</p>
<b>Further learning</b>	Ability to learn by the third higher education level programs.
5 – Teaching and assessment	
<b>Teaching and learning</b>	Student-centered learning, self-study, problem-oriented learning, learning with elements of distance technology application.
<b>Assessment</b>	<p>Carried out in accordance with:</p> <ul style="list-style-type: none"> <li>- "Regulations on students educational process organization";</li> <li>- "Regulations on learning outcomes assessment for students and post-graduate students"</li> </ul> <p>Written examinations, presentations, testing, a credit according to the practical (pre-diploma) training results, a final qualifying work preparation and defense.</p>
6 - Program competences	
<b>Integral competence</b>	Ability to solve complex tasks and problems in professional activities or in training process in finance, banking and insurance, <i>in particular public finance</i> , which involves research and/or innovation and characterized by terms and requirements uncertainty.
<b>General competences (GC)</b>	<p>GC1. Ability to abstract thinking, analysis and synthesis</p> <p>GC2. Ability to communicate in a foreign language.</p> <p>GC3. Ability to conduct research at the appropriate level.</p> <p>GC4. Ability to identify, set and solve problems.</p> <p>GC5. Ability to make proved decisions.</p> <p>GC6. Interpersonal skills.</p> <p>GC7. Ability to motivate people and move towards a common goal.</p> <p>GC8. Ability to work in an international context.</p> <p>GC9. Ability to act on the basis of ethical considerations (motives).</p>
<b>Specialized (professional, subject) competences (SC)</b>	<p>SC1. Ability to use fundamental laws of finance, banking and insurance, <i>in particular in public finance</i>, in combination with research and management tools for professional and scientific activities.</p> <p>SC2. Ability to use theoretical and methodological tools for diagnosis and modeling of financial activities of economic entities, <i>in particular in public finance</i>.</p> <p>SC3. Ability to apply management skills in finance, banking and insurance, <i>in particular public finance</i>.</p> <p>SC4. Ability to evaluate the effectiveness of scientific, analytical and methodological tools for proved management decisions in finance, banking and insurance, <i>as well as public finance</i>.</p> <p>SC5. Ability to assess the limits of their own professional competence and improve professional skills <i>in public finance</i>.</p> <p>SC6. Ability to apply interdisciplinary approaches in solving complex problems in finance, banking and insurance, <i>in particular in public finance</i>.</p> <p>SC7. Ability to search, use and interpret information necessary to solve</p>

	<p>professional and scientific problems in finance, banking and insurance, <i>in particular in public finance</i>.</p> <p>SC8. Ability to apply innovative approaches in finance, banking and insurance, <i>in particular public finance</i>.</p> <p>SC9. Ability to develop technical tasks for designing information systems in finance, banking and insurance, <i>in particular public finance</i>.</p>
<b>7 – Program learning outcomes</b>	
	<p>PLO1. Use fundamental laws of finance, banking and insurance development, <i>in particular public finance</i>, in combination with research and management tools for professional and scientific activities performance.</p> <p>PLO2. Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance, <i>in particular public finance</i>.</p> <p>PLO3. Adapt and modify existing scientific approaches and methods to specific situations of professional activity, <i>in particular in public finance</i>.</p> <p>PLO4. Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance, <i>including public finance</i>.</p> <p>PLO5. Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss research results, <i>in particular in public finance</i>.</p> <p>PLO6. Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions <i>on all public finance issues</i>.</p> <p>PLO7. Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p>PLO8. Be able to apply innovative approaches in finance, banking and insurance, <i>including in public finance</i>, and manage them.</p> <p>PLO9. Apply management skills in finance, banking and insurance, <i>as well as public finance</i>.</p> <p>PLO10. Carry out diagnostics and modeling of economic entities financial activity <i>in public finance</i>.</p> <p>PLO11. Apply in-depth knowledge in financial, banking and insurance management, <i>including public finance</i> for decision making.</p> <p>PP PLO12. Prove choosing management decisions options in finance, banking and insurance, <i>in particular in public finance</i>, and evaluate their effectiveness taking into account objectives, existing restrictions, legal and ethical aspects.</p> <p>PLO13. Evaluate tasks complexity in activity planning and processing its results.</p>
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
<b>Material and technical support</b>	Using KNUTE computer and specialized laboratories.
<b>Information and educational-methodical support</b>	The educational program implementation is carried out in the presence of full provision of educational and methodical complexes of disciplines, practical training programs and other types of educational and methodical materials.



	Information support is provided on the basis of KNUTE distance learning system, department computer classrooms, and university resources.
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	On general provisions within Ukraine. Short-term students training according to predetermined course in higher education institutions.
<b>International credit mobility</b>	Cooperation agreements between KNUTE and higher education institutions in France, Great Britain, Poland, Germany, within which partner student exchange and training are carried out. Training in KA1 according to predetermined courses with credits obtaining in universities of Erasmus + countries.
<b>Foreign applicants for higher education training</b>	Foreign applicants for higher education have the opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.

## 2. List of the educational program components and their logical order

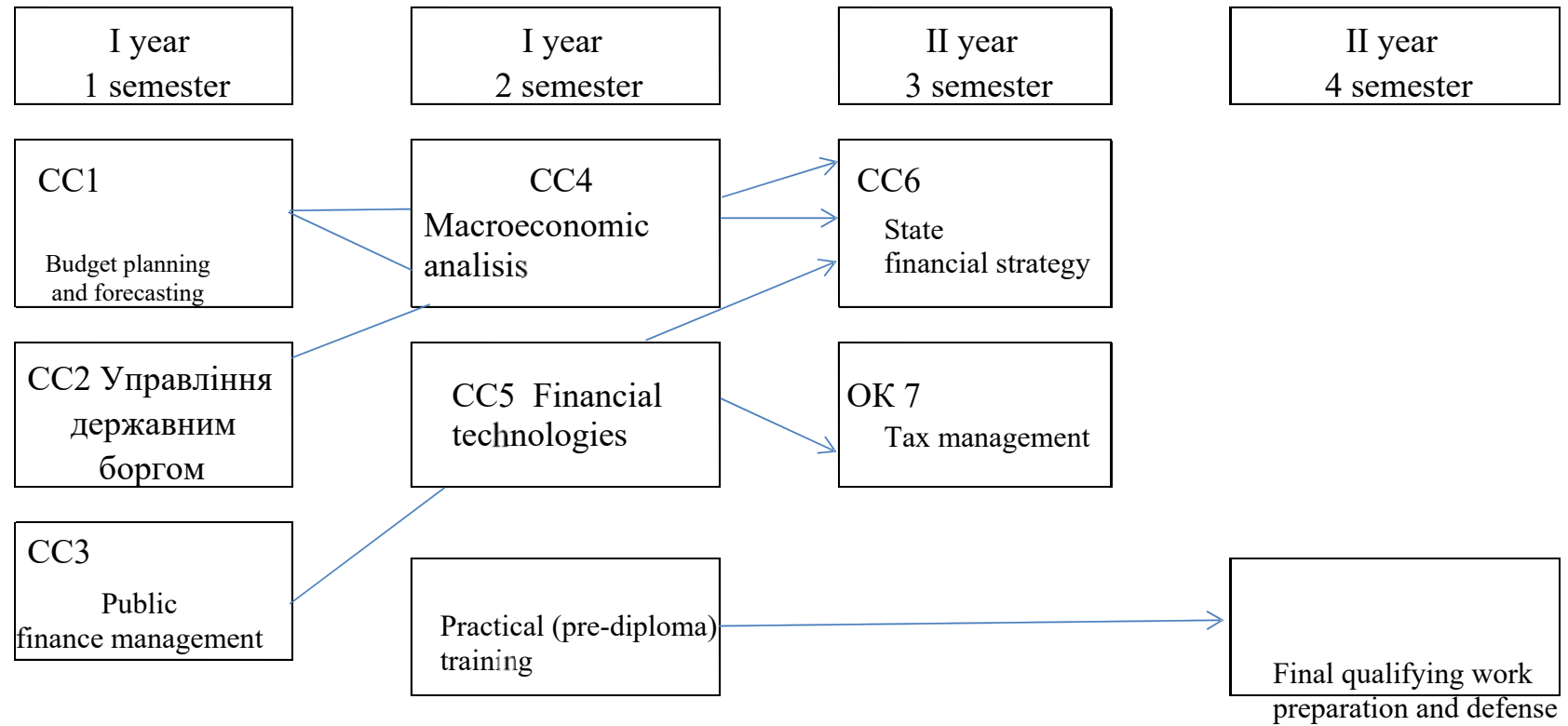
### 2.1. List of the educational program components

Code	Educational program components (academic disciplines, course projects (works), practical trainings, a qualifying examination, a final qualifying work)	Amount of credits
1	2	3
<b>Education program compulsory components</b>		
CC 1	Budget planning and forecasting	6
CC 2	Public debt management	6
CC 3	Public finance management	6
CC 4	Macroeconomic analysis	7,5
CC 5	Financial technologies	7,5
CC 6	State financial strategy	6
CC 7	Tax management	6
<b>Optional components total volume:</b>		<b>66</b>
<b>Educational program optional components</b>		
OC1	State policy analysis	6
OC2	Financial markets analysis	6
OC3	Anti-corruption audit	6
OC4	Internal audit	6
OC5	Digital marketing for financial services	6
OC6	International financial system in the context of globalization	6
OC7	National security	6
OC8	Pension system	6
OC9	Financial services market	6
OC10	State social policy	6
OC11	Insurance management	6

OC12	Financial risk insurance	6
OC13	State financial policy	6
OC14	Financial modeling	6
OC15	Financial management	6
OC16	Financial monitoring	6
OC17	Cloud and GRID technologies	6
<b>Optional components total volume:</b>		<b>24</b>
<b>Practical training</b>		
Practical (pre-diploma) training		9
<b>Attestation</b>		
Final qualifying work preparation and defense		12
<b>EDUCATIONAL PROGRAM TOTAL VOLUME</b>		<b>90</b>

The form of final control for all the educational program components is an examination.

## 2.2. Structural - logical scheme of the Educational Program



### 3. ATTESTATION FORM FOR APPLICANTS FOR HIGHER EDUCATION

Applications attestation is carried out in the form of public final qualifying work defense.

The final qualification work should involve solving a complex task or problem in finance, banking and insurance, *in particular public finance*, which involves research and / or innovation and is characterized by conditions and requirements uncertainty.

The final qualifying work must not contain academic plagiarism, fabrication or falsification. The final qualifying work must be placed in the higher education institution or its structural unit official website or in the higher education institution repository.

### 4. MATRIX OF THE PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM COMPONENTS

Components/ Competences	CC1	CC2	CC3	CC4	CC5	CC6	CC7	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10	OC11	OC12	OC13	OC14
GC1	+	+	+	+	+	+	+	+		+	+			+	+	+	+	+	+	+	+
GC2	+	+			+		+	+	+	+	+	+	+	+		+		+		+	+
GC3	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+
GC4	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+		+
GC5	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		
GC6	+	+	+			+		+	+	+	+				+		+	+	+	+	+
GC7			+	+	+	+			+	+		+	+		+			+	+		
GC8	+			+	+		+	+		+	+		+	+		+	+	+	+	+	+
GC9		+	+	+		+	+		+	+		+	+		+	+	+		+		
SC 1	+	+	+	+	+	+	+	+		+	+		+	+		+	+	+		+	+
SC 2	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+			+	+	+
SC 3	+	+	+	+	+	+	+	+	+		+	+				+	+	+	+	+	+
SC 4	+	+	+	+		+	+	+	+	+	+		+	+		+	+	+	+	+	+
SC 5					+	+			+	+		+			+			+	+	+	
SC 6	+	+	+	+		+		+		+	+	+	+			+	+		+		+
SC 7		+	+	+	+	+	+		+	+		+	+	+	+	+		+	+	+	
SC 8	+	+	+	+		+	+	+	+	+	+		+	+		+	+		+	+	+
SC 9			+	+	+	+						+					+	+	+		+

**5. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES (PLO) BY THE  
RELEVANT EDUCATIONAL PROGRAM COMPONENTS**

Components/ Program learning outcomes	<b>CC1</b>	<b>CC2</b>	<b>CC3</b>	<b>CC4</b>	<b>CC5</b>	<b>CC6</b>	<b>CC7</b>	<b>OC1</b>	<b>OC2</b>	<b>OC3</b>	<b>OC4</b>	<b>OC5</b>	<b>OC6</b>	<b>OC7</b>	<b>OC8</b>	<b>OC9</b>	<b>OC10</b>	<b>OC11</b>	<b>OC12</b>	<b>OC13</b>	<b>OC14</b>	<b>OC15</b>	<b>OC16</b>	<b>OC17</b>
PLO1	+	+			+	+	+	+			+	+	+	+	+	+	+			+		+	+	+
PLO 2		+	+	+		+	+		+	+		+				+		+	+	+	+	+		+
PLO 3	+	+	+	+	+		+	+	+		+		+			+	+	+	+		+	+		
PLO 4	+	+	+	+	+	+		+		+	+		+	+	+	+	+	+	+	+	+	+	+	+
PLO 5	+	+			+			+	+	+	+	+	+			+	+	+	+	+		+	+	+
PLO 6	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	
PLO7		+	+	+	+		+		+	+		+			+			+	+	+		+		+
PLO 8		+	+	+	+	+	+		+	+		+	+	+	+	+			+	+		+	+	+
PLO 9		+	+		+	+	+		+	+		+		+					+			+	+	
PLO 10	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+	+	+	+		+	+
PLO 11		+	+	+	+	+	+			+		+	+	+	+	+	+	+			+	+	+	
PLO 12	+		+	+		+	+	+	+		+	+		+			+	+	+	+	+	+		+
PLO 13	+	+	+		+	+		+	+	+	+		+	+			+	+	+	+	+	+		+

## Changes registration paper

[illegible]

### 3.1. Educational Program Profile in specialty 072 “Finance, banking and insurance” (in specialization “Insurance management”)

1 – General Information	
Full name of HEI and structural unit	Kyiv National University of Trade and Economics Faculty of Finance and Accounting Finance Department
Higher education level and qualification name in the original language	Higher education level “Master” Specialty “Finance, banking and insurance” Specialization “Insurance management”
Educational program official name	“Insurance management”
Diploma type and the education program volume	Master diploma, unitary, 90 ECTS credits, training period 16 months
Accreditation availability	Accredited, National Accreditation Agency of Ukraine, Ukraine, by 01.07.2024
Cycle/level	National Qualification Frameworks – level 7, FQ-EHEA–the second level, EQF-LLL –1 evel 7
Preconditions	Educational level – bachelor or specialist
Language(s) of instruction	Ukrainian
Education program validity period	By 01.07.2024
Internet address for permanent placement of the program description	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
2 – Educational program aim	
Ensure the learner to obtain the in-depth knowledge, skills and abilities necessary for solving problems in his/her professional activity, which includes research and innovation performance, ensuring the ability to carry out professional activities in the entry-level position or transition to further training immediately after this program.	
3 – Educational program characteristics	
Subject area (sphere of knowledge, speciality, and specialization (if available))	Field of knowledge 07 “Management and administration” Speciality 072 “Finance, banking and insurance” Specialization “Insurance management”
Educational program orientation	Educational and professional orientation
Main focus of the educational program and specialization	A specialized program aimed at forming professional competencies related to financial relations management in insurance at the micro and macro levels. Key words: insurance, financial services, insurance market, management, investment strategy, pension system, financial policy.
Program features	Kyiv National University of Trade and Economics, Pension Fund of Ukraine, and individual leading insurance companies have made cooperation agreements which allows students to have practical training, and provides an opportunity to train highly qualified experts.
4 – Graduates employability and suitability for further learning	

<b>Employability</b>	<p>Work according to the national classifier of Ukraine "Professions Classifier" SC 003: 2010, in particular:</p> <ul style="list-style-type: none"> <li>• 2310. Universities and higher educational institutions teachers.</li> <li>• 2441.1. Professionals in economics</li> </ul> <p>1231 Heads of financial, accounting, economic, legal and administrative departments and other executives.</p> <p>The graduate may hold positions in accordance with their professional titles characterized by special professional competences.</p>
<b>Further learning</b>	Ability to learn by the third higher education level programs.
<b>5 – Teaching and assessment</b>	
<b>Teaching and learning</b>	Student-centered learning, self-study, problem-oriented learning, learning with elements of distance technology.
<b>Assessment</b>	<p>According to the "Regulations on Students educational process organization" and the "Regulations on student learning outcomes evaluation".</p> <p>Written examinations, presentations, testing, credit by the results of practical (pre-diploma) training. final qualifying work preparation and defense.</p>
<b>6 - Program competences</b>	
<b>Integral competence</b>	Ability to solve complex tasks and problems in professional activities or in the process of training in finance, banking and insurance, which involves research and/or innovation and is characterized by conditions and requirements uncertainty.
<b>General competences (GC)</b>	<p>GC1. Ability to abstract thinking, analysis and synthesis</p> <p>GC2. Ability to communicate in a foreign language.</p> <p>GC3. Ability to conduct research at the appropriate level.</p> <p>GC4. Ability to identify, set and solve problems.</p> <p>GC5. Ability to make proved decisions.</p> <p>GC6. Interpersonal skills.</p> <p>GC7. Ability to motivate people and move towards a common goal.</p> <p>GC8. Ability to work in an international context.</p> <p>GC9. Ability to act on the basis of ethical considerations (motives).</p>
<b>Specialized (professional, subject) competences (SC)</b>	<p>SC1. Ability to use the fundamental laws of finance, banking and insurance development in state audit in combination with research and management tools for professional and scientific activities performing.</p> <p>SC2. Ability to use theoretical and methodological tools for diagnosis and modeling economic entities financial activities.</p> <p>SC3. Ability to apply management skills in finance, banking and insurance.</p> <p>SC4. Ability to evaluate the effectiveness of scientific, analytical and methodological tools for proved management decisions in finance, banking and insurance.</p> <p>SC5. Ability to assess the limits of their own professional competence and improve professional skills.</p> <p>SC6. Ability to apply interdisciplinary approaches in solving complex problems in finance, banking and insurance.</p> <p>SK7. Ability to search, use and interpret information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p>SC8. Ability to apply innovative approaches in finance, banking and insurance.</p>



	<p><b>SC9.</b> Ability to develop technical tasks for designing information systems in finance, banking and insurance.</p> <p><b>SC 10.</b> <i>Ability to calculate the probability of occurrence of accident insured, substantiate mathematically the values of the required insurance reserves in different types of insurance.</i></p> <p><b>SC 11.</b> <i>Ability to understand business processes, their optimization terms and evaluate the insurer management effectiveness.</i></p> <p><b>SC12.</b> <i>Ability to calculate and analyze indicators of all segments of the financial services market and the pension system position, assess their impact on the national economy development, and identify long-term objectives.</i></p> <p><b>SC13.</b> <i>Ability to develop the insurer's investment strategy and analyze its results.</i></p> <p><b>SC14.</b> <i>Ability to manage insurance companies financial risks.</i></p>
	<p><b>7 – Program learning outcomes</b></p>
	<p><b>PLO1.</b> Use fundamental laws of finance, banking and insurance development in combination with research and management tools for professional and scientific activities performance.</p> <p><b>PLO2.</b> Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance</p> <p><b>PLO3.</b> Adapt and modify existing scientific approaches and methods to specific situations of professional activity.</p> <p><b>PLO4.</b> Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p><b>PLO5.</b> Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss research results.</p> <p><b>PLO6.</b> Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions.</p> <p><b>PLO7.</b> Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p><b>PLO8.</b> Be able to apply innovative approaches in finance, banking and insurance and manage them.</p> <p><b>PLO9.</b> Apply management skills in finance, banking and insurance.</p> <p><b>PLO10.</b> Carry out diagnostics and modeling of economic entities financial activity.</p> <p><b>PLO11.</b> Apply in-depth knowledge in financial, banking and insurance management for decision making.</p> <p><b>PLO12.</b> Prove choosing management decisions in finance, banking and insurance and evaluate their effectiveness taking into account objectives, existing restrictions, legal and ethical aspects.</p> <p><b>PLO13.</b> Evaluate tasks complexity in activity planning and processing their results.</p> <p><b>PLO14.</b> <i>Be able to calculate insurance rates, insurance premiums, net reserves for different types of insurance.</i></p> <p><b>PLO15.</b> Be able to evaluate the insurer's business processes according to various methods and indicators and develop proposals on their improvement.</p> <p><b>PLO16.</b> <i>Be able to apply analytical tools in different financial services market segments.</i></p>

	<p><b>PLO17.</b> Carry out forecasting of revenues to pension funds and management of non-state pension funds and social insurance funds finance.</p> <p><b>PLO18.</b> Be able to develop and implement an insurance company's investment strategy, to predict the economic consequences of investment decisions.</p>
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
<b>Material and technical support</b>	Using KNUTE computer and specialized laboratories.
<b>Information and educational-methodical support</b>	<p>The educational program implementation is carried out in the presence of full provision of educational and methodical complexes of disciplines, programs of practical training and other types of educational and methodical materials.</p> <p>Information support is provided on the basis of KNUTE distance learning system, department computer classrooms, the Internet, and university resources.</p>
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	National credit mobility is carried out in accordance with the academic mobility agreements.
<b>International credit mobility</b>	International credit mobility is realized through making agreements on international academic mobility (Erasmus +), international projects, that involve students training, a double diploma issue, etc.
<b>Foreign applicants for higher education training</b>	Foreign applicants for higher education have the opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.

### 3.2. List of the educational program components and their logical order

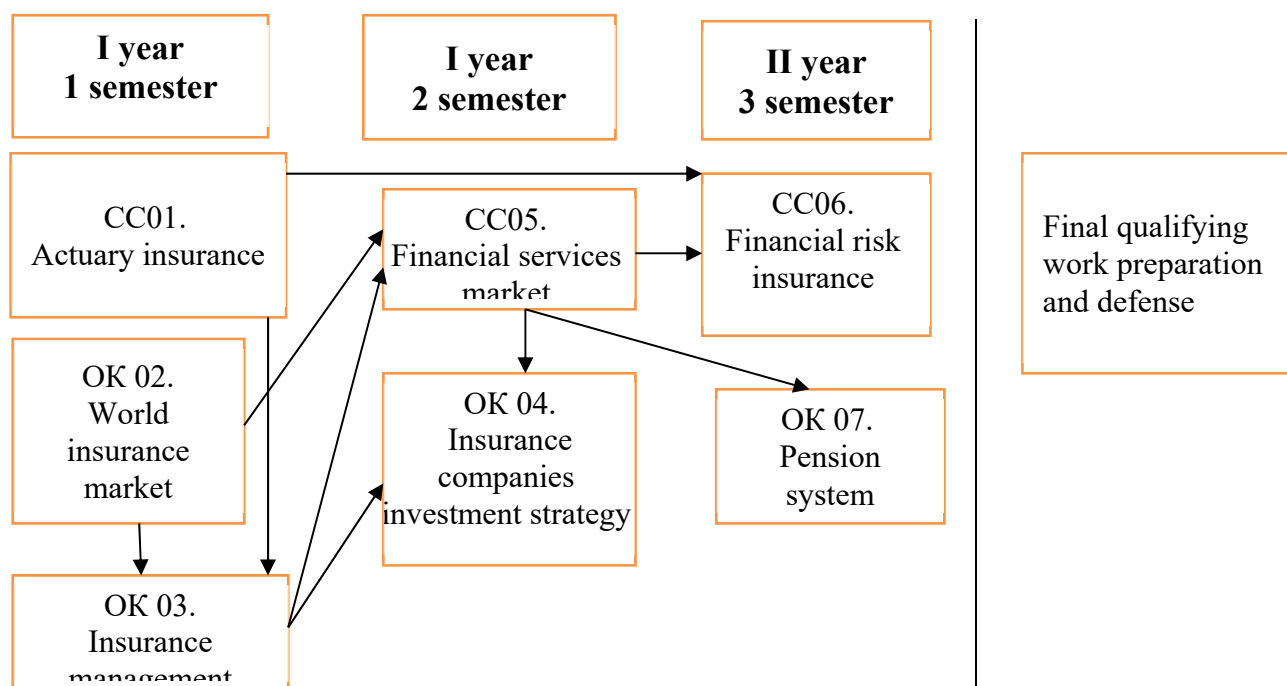
#### 3.2.1. List of the educational program components

Code	Educational program components (academic disciplines, course projects (works), practical training, a qualifying examination, a final qualifying work)	Amount of credits
1	2	3
<b>Educational program compulsory components</b>		
CC 1	Actuary insurance	6
CC 2	World insurance market	6
CC 3	Insurance management	6
CC 4	Insurance companies investment strategy	7,5
CC 5	Financial services market	7,5
CC 6	Financial risk insurance	6
CC 7	Pension system	6
<b>Compulsory components total volume</b>		<b>45</b>
<b>Educational program optional components</b>		
OC1	Internal audit	6

OC2	International financial system in the context of globalization	6
OC3	State financial policy	6
OC4	Financial management	6
OC5	Financial monitoring	6
OC6	Macroeconomic analysis	6
OC7	State social policy	6
OC8	State financial strategy	6
OC9	Bank organization management	6
OC10	Financial technologies	6
OC 11.	Cloud and GRID technologies	6
	<b>Optional components total volume:</b> * 4 optional educational program components are chosen	<b>24</b>
<b>Practical training</b>		
Practical (pre-diploma) training		9
<b>Attestation</b>		
Final qualifying work preparation and defense		12
<b>EDUCATIONAL PROGRAM TOTAL VOLUME</b>		<b>90</b>

The form of final control for all educational program components is an examination.

### 3.2.2. Structural-logical scheme of the Educational Program



### 3.3. ATTESTATION FORM FOR APPLICANTS FOR HIGHER EDUCATION

Applicants attestation is carried out in the form of final qualifying work public defense.

The final qualification work should involve solving a complex problem or problem in finance, banking and insurance, which involves research and/or innovation and is characterized by conditions and requirements uncertainty.

The final qualifying work must not contain academic plagiarism, fabrication or falsification. The final qualifying work must be placed in the higher education institution or its structural unit official website or in the higher education institution repository .

#### 3.4. 1. MATRIX OF PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM COMPULSORY COMPONENTS

Components Competences	CC01	CC02	CC03	CC04	CC05	CC06	CC07
GC1	+	+	+	+	+	+	+
GC2		+	+	+	+		
GC3		+	+	+	+	+	+
GC4		+	+		+		+
GC5	+		+	+	+	+	+
GC6		+	+	+			+
GC7	+	+	+				+
GC8		+		+	+	+	
GC9		+	+		+	+	+
SC 1	+	+	+	+	+	+	+
SC 2	+		+		+	+	
SC 3		+	+		+	+	+
SC 4	+	+	+	+	+	+	+
SC 5			+				
SC 6	+	+	+		+	+	+
SC 7	+	+	+	+	+	+	+
SC 8		+	+		+	+	
SC 9	+						
SC10	+						
SC11			+				
SC12		+			+		+
SC13				+			
SC14						+	

### 3. 4.2. MATRIX OF PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

Components Competences	OC01	OC02	OC03	OC04	OC05	OC06	OC07	OC08	OC09	OC10	OC11
<b>GC1</b>	+		+	+	+	+	+	+	+	+	+
<b>GC2</b>		+								+	+
<b>GC3</b>	+	+	+	+	+	+	+	+	+	+	+
<b>GC4</b>	+	+	+	+	+	+	+	+	+	+	+
<b>GC5</b>	+	+	+	+	+	+	+	+	+	+	+
<b>GC6</b>	+	+	+	+	+	+	+	+	+	+	+
<b>GC7</b>				+			+		+		
<b>GC8</b>		+				+					
<b>GC9</b>	+			+	+		+		+		
<b>SC1</b>	+	+	+	+	+	+	+	+	+	+	+
<b>SC2</b>	+			+	+				+	+	
<b>SC3</b>		+	+	+			+	+	+	+	
<b>SC4</b>	+	+		+	+	+	+	+	+	+	+
<b>SC5</b>	+			+	+				+	+	
<b>SC6</b>				+	+				+	+	+
<b>SC7</b>	+	+	+	+	+	+	+		+	+	+
<b>SC8</b>	+			+	+		+		+	+	+
<b>SC9</b>	+			+	+				+	+	+
<b>SC10</b>				+						+	
<b>SC11</b>				+							
<b>SC12</b>			+				+				
<b>SC13</b>									+		
<b>SC14</b>				+	+						

### 3.5.1. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE RELEVANT EDUCATIONAL PROGRAM COMPULSORY COMPONENTS

<div>Components</div> <div>Program learning outcomes</div>	CC01	CC02	CC03	CC04	CC05	CC06	CC07
PLO 01	+	+	+	+	+	+	+
PLO 02	+	+	+		+		+
PLO 03		+	+		+		+
PLO 04	+	+	+	+	+	+	+
PLO 05			+	+	+		
PLO 06	+	+	+	+	+		+
PLO 07		+	+				+
PLO 08		+	+		+		
PLO 09			+				+
PLO 10			+		+		+
PLO 11	+	+	+		+	+	+
PLO 12			+	+			+
PLO 13	+	+	+				+
PLO 14	+						
PLO 15			+				
PLO 16		+			+	+	
PLO 17							+
PLO 18				+			

### 3.5.2. MATRIX OF PROVIDING PROGRAM LERNING OUTCOMES BY THE RELEVANT EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

Components Program learning outcomes	OC01	OC02	OC03	OC04	OC05	OC06	OC07	OC08	OC09	OC10	OC11
PLO1	+	+	+	+	+	+	+	+	+	+	+
PLO 2	+			+	+				+	+	
PLO 3		+	+	+			+	+	+	+	
PLO 4	+	+		+	+	+	+	+	+	+	+
PLO 5		+								+	+
PLO 6	+	+	+	+	+	+	+	+	+	+	+
PLO7	+		+			+	+	+	+		
PLO 8	+			+	+		+		+	+	+
PLO 9		+	+	+			+	+	+	+	
PLO 10	+			+	+				+	+	
PLO 11	+	+	+	+	+		+		+	+	
PLO 12		+	+	+			+	+	+	+	
PLO 13	+			+		+			+		
PLO 14				+			+		+		
PLO 15									+		
PLO 16	+			+		+	+		+		
PLO 17							+				
PLO 18				+						+	



## 1. Educational Program

### Educational Program Profile in specialty 072 “Finance, banking and insurance” (in specialization “Financial technologies in business”)

1 – General Information	
Full name of HEI and structural unit	Kyiv National University of Trade and Economics Faculty of Finance and Accounting Finance Department
Higher education level and qualification name in the original language	Higher education level “Master” Specialty “Finance, banking and insurance” Specialization “Financial technologies in business”
Educational program official name	“Financial technologies in business”
Diploma type and the educational program volume	Master diploma, unitary, 90 ECTS credits, training period 16 months
Accreditation Availability	-
Cycle/Level	National Qualification Frameworks of Ukraine – level 7, FQ-EHEA – the second cycle, EQF-LLL –level 7
Preconditions	Higher education level – bachelor or specialist
Language(s) of instruction	Ukrainian
Program validity period	
Internet address for educational program description permanent placement	<a href="https://knute.edu.ua/">https://knute.edu.ua/</a>
2 – Educational program aim	
Ensure the learner to obtain the in-depth knowledge, skills and abilities necessary for solving problems in his/her professional activity, which includes research and innovation performance, ensuring the ability to carry out professional activities in the entry-level position or transition to further training immediately after this program.	
3 - Educational program characteristics	
Subject area (sphere of knowledge, speciality, and specialization(if available))	Field of knowledge 07 “Management and administration” Specialty 072 “Finance, banking and insurance” Specialization “Financial technologies in business”
Educational program orientation	Educational and professional orientation.
The main focus of Education program and specialization	A specialized program aimed at forming professional competences related to financial ecosystems formation and development in context of intensifying FinTech tools application for business growth strategies development and implementation. Key words: financial technologies, business, financial ecosystem, financial services market, business strategies.
Program features	The educational program is one of the first in the educational services domestic market, which will enable an expert in finance to gain the relevant knowledge in financial ecosystems forming and developing in

	context of intensifying FinTech tools application for business growth strategies development and implementation.
<b>4 – Graduates employability and suitability for further learning</b>	
<b>Employability</b>	<p>Employment in businesses of different forms of property, government and local authorities in the positions of experts with functional responsibilities relating to financial services, analysis, control and taxation providing</p> <p>After the educational-professional program obtaining, the graduate is able to perform the professional work specified in the National Classifier of Ukraine "Classifier of Professions SC 003: 2010" and can hold the appropriate entry-level position:</p> <ul style="list-style-type: none"> <li>• 2310. University and other higher educational institutions teachers</li> <li>2414 Professionals in financial and economic security of businesses, institutions and organizations.</li> <li>2441. Professionals in economics.</li> <li>2419.3. Government service professionals.</li> <li>2441.1. Наукові співробітники (економіка).</li> <li>2441.1. Research workers (economics).</li> <li>2441.2 Investment analyst.</li> <li>2441.2 Lending analyst.</li> <li>2441.2 Economist in taxes and duties.</li> <li>2441.2 Economist in finance.</li> <li>2441.2 Economic adviser</li> <li>2441.2 Economic consultant</li> <li>2441.2 Audit commission member</li> <li>2441.2 Supervisory board member.</li> <li>146.Financial managers..</li> </ul>
<b>Further learning</b>	Ability to learn by the third higher education level programs.
<b>5 – Teaching and assessment</b>	
<b>Teaching and assessment</b>	Student-centered learning, self-study, problem-oriented learning, learning with distance technology elements application.
<b>Assessment</b>	<p>Written examinations, presentations, testing, credit by the results of practical (pre-diploma) training, a final qualifying work preparation and defense.</p> <p>The assessment is carried out in accordance with:</p> <ul style="list-style-type: none"> <li>- "Regulations on students educational process organization";</li> <li>- "Regulations on learning outcomes assessment of for students and post-graduate students"</li> </ul>
<b>6 - Program competences</b>	
<b>Integral competence</b>	Ability to solve complex tasks and problems in professional activities or in the process of training in finance, banking and insurance, <i>in particular, in financial ecosystems designing and functioning</i> , which involves research and/or innovation and is characterized by conditions and requirements uncertainty.
<b>General competences (GC)</b>	<p>GC1. Ability to abstract thinking, analysis and synthesis</p> <p>GC2. Ability to communicate in a foreign language.</p> <p>GC3. Ability to conduct research at the appropriate level.</p> <p>GC4. Ability to identify, set and solve problems.</p> <p>GC5. Ability to make proved decisions.</p> <p>GC6. Interpersonal skills.</p> <p>GC7. Ability to motivate people and move towards a common goal.</p>

	<p><b>GC8.</b> Ability to work in an international context.</p> <p><b>GC9.</b> Ability to act on the basis of ethical considerations (motives).</p>
<b>Specialized (professional, subject competence)</b>	<p><b>SC1.</b> Ability to use the fundamental laws of finance, banking and insurance development in combination with research and management tools for professional and scientific activities performing.</p> <p><b>SC2.</b> Ability to use theoretical and methodological tools for economic entities financial activities diagnosis and modeling, <i>in particular on the basis of financial technologies application.</i></p> <p><b>SC3.</b> Ability to apply management skills in finance, banking and insurance.</p> <p><b>SC4.</b> Ability to evaluate the effectiveness of scientific, analytical and methodological tools for proved management decisions in finance, banking and insurance.</p> <p><b>SC5.</b> Ability to assess the limits of their own professional competence and improve professional skills.</p> <p><b>SC6.</b> Ability to apply interdisciplinary approaches in solving complex problems in finance, banking and insurance.</p> <p><b>SK7.</b> Ability to search, use and interpret information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p><b>SC8.</b> Ability to apply innovative approaches in finance, banking and insurance.</p> <p><b>SC9.</b> Ability to develop technical tasks for designing information systems in finance, banking and insurance.</p> <p><b>SC 10.</b> <i>Ability to assess the impact of financial technology instruments on the national economy development in context of strengthening the focus on consumer needs and globalization processes intensifying.</i></p> <p><b>SC 11.</b> <i>Ability to create personalized financial products using economic and mathematical methods based on consumers financial behavior analysis.</i></p> <p><b>SC12.</b> <i>Ability to develop investment plans for financial institutions' clients based on real-time data from world financial markets.</i></p> <p><b>SC 13.</b> <i>Ability to determine the need for different types of financial services by consumers and evaluate them based on competitors activity analysis .</i></p> <p><b>SC14.</b> <i>Ability to build a concept of financial ecosystems, models, structures and ecosystems components functioning.</i></p> <p><b>SC15.</b> Ability to develop and implement business growth strategies based on financial technology tools application.</p>
<b>7 – Program learning outcomes</b>	
	<p><b>PLO 01.</b> Use fundamental laws of finance, banking and insurance in combination with research and management tools for professional and scientific activities performance.</p> <p><b>PLO 02.</b> Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance.</p> <p><b>PLO 03.</b> Adapt and modify existing scientific approaches and methods to specific situations of professional activity.</p> <p><b>PLO 04.</b> Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p><b>PLO 05.</b> Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss research results.</p>

	<p><b>PLO 06.</b> Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions.</p> <p><b>PLO 07.</b> Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p><b>PLO 08.</b> Be able to apply innovative approaches in finance, banking and insurance and manage them.</p> <p><b>PLO 09.</b> Apply management skills in finance, banking and insurance.</p> <p><b>PLO 10.</b> Carry out diagnostics and modeling economic of economic entities financial activity.</p> <p><b>PLO 11.</b> Apply in-depth knowledge in financial, banking and insurance management for decision making.</p> <p><b>PLO 12.</b> Prove choosing management decisions in finance, banking and insurance and evaluate their effectiveness taking into account objectives, existing restrictions, legal and ethical aspects.</p> <p><b>PLO 13.</b> Evaluate the degree of tasks complexity in activity planning and processing their results.</p> <p><b>PLO 14.</b> <i>Ability to develop, evaluate and improve financial products based on financial technology tools applying.</i></p> <p><b>PLO 15.</b> <i>Ability to assess financial services consumers financial behavior and to predict the economic consequences of financial decisions.</i></p> <p><b>PLO 16.</b> <i>Business growth strategies developing and implementing through financial technology solutions.</i></p> <p><b>PLO 17.</b> <i>Ability to design business models based on smart IT services.</i></p> <p><b>PLO 18.</b> <i>Ability to use innovative methods of investment projects financing.</i></p> <p><b>PLO 19.</b> <i>Ability to apply the principles of digital financial inclusiveness in developing regulations on Public procurement, social welfare, financial market functioning, and tax legislation.</i></p> <p><b>PLO 20.</b> <i>Ability to identify cyber risks and assess their consequences for financial market entities, business and national security .</i></p>
<b>8 – Resource support for program implementation</b>	
<b>Staff support</b>	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
<b>Material and technical support</b>	Using KNUTE computer and specialized laboratories.
<b>Information and educational -methodical support</b>	<p>The educational program implementation is carried out upon the availability of full provision by educational and methodical complexes of disciplines, programs of practical trainings and other types of educational and methodical materials.</p> <p>Information support is provided on the basis of KNUTE distance learning system, a department computer classrooms, and university resources.</p>
<b>9 – Academic mobility</b>	
<b>National credit mobility</b>	On general provisions within Ukraine. Short-term students training according to predetermined course in higher education institutions.
<b>International credit mobility</b>	<p>Cooperation agreements between KNUTE and higher education institutions in France, Great Britain, Poland, Germany, within which partner student exchange and training are carried out.</p> <p>Training in KA1 according to predetermined courses with credits obtaining in universities of Erasmus + countries</p>

<b>Foreign applicants for higher education training</b>	Foreign applicants for higher education have an opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.
---	---

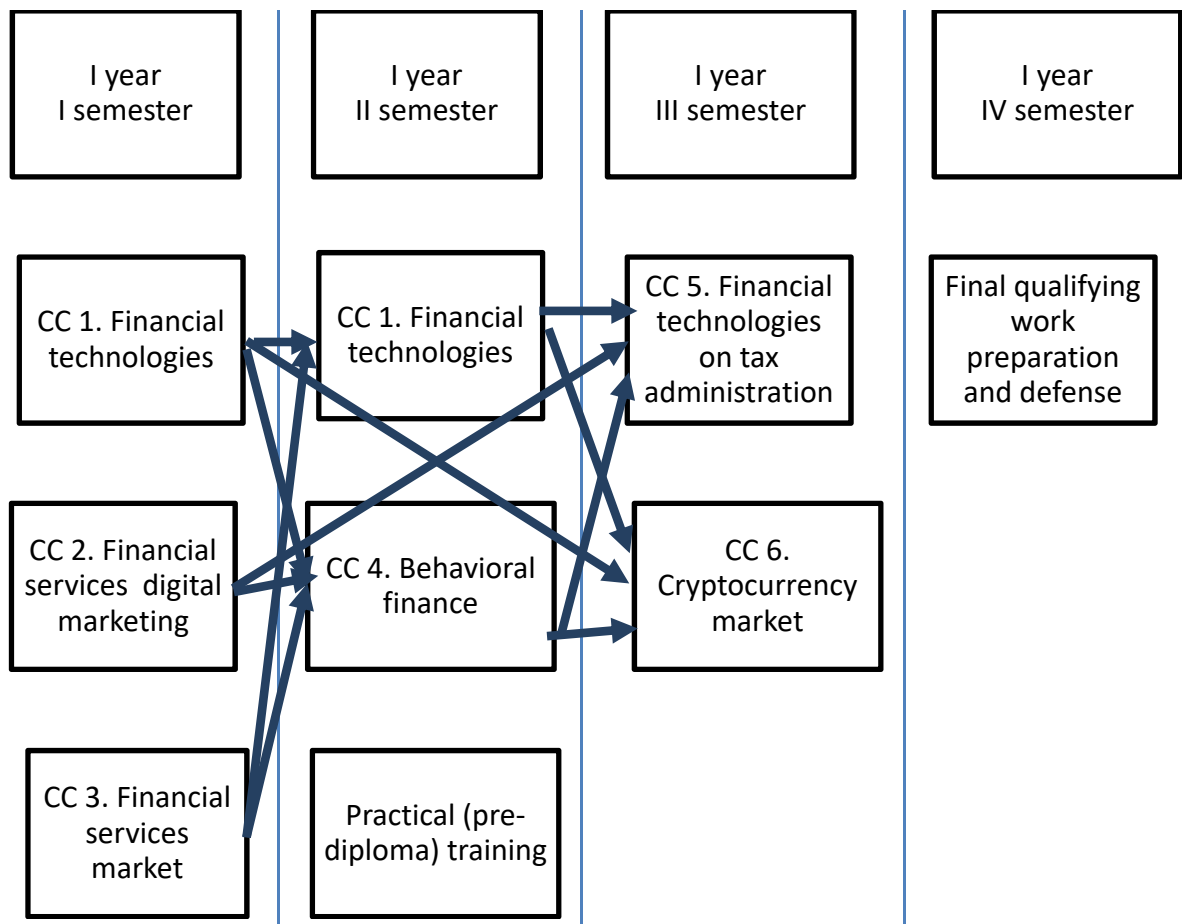
## 2. List of the educational program components and their logical order

### 2.1. List of the educational program components

Code	Educational program components (academic disciplines, course projects (works), practical trainings, a qualifying examination, a final qualifying work)	Amount of credits
1	2	3
<b>Educational program compulsory components</b>		
CC1	Financial technologies	13,5
CC2	Digital marketing of financial services	6
CC3	Financial markets analysis	6
CC4	Behavioral finance	7,5
CC5	Financial technologies in tax administration	6
CC6	Cryptocurrency market	6
<b>Compulsory components total volume:</b>		<b>45</b>
<b>Educational program optional components</b>		
OC1	Due diligence	6
OC2	E-commerce	6
OC3	Competition policy in financial services market	6
OC4	International financial system in the context of globalization	6
OC5	International business	6
OC6	business intelligence system in international process	6
OC7	Strategic management accounting	6
OC8	Financial risk insurance	6
OC9	Data analysis technologies	6
OC10	Transfer pricing	6
OC 11.	Informatization project management	6
OC12	International investment projects management	6
OC13	Financial modeling	6
OC14	Financial analysis	6
OC15	Cloud and GRID technologies	6
<b>Optional components total volume:</b>		<b>24</b>
<b>Practical training</b>		
Practical (pre-diploma) training		9
<b>Attestation</b>		
Final qualifying work preparation and defense		12
<b>EDUCATIONAL PROGRAM TOTAL VOLUME</b>		<b>90</b>

The form of final control for all educational program components is an examination.

## 2.2. Structural-logical scheme of the Educational Program



### 3. ATTESTATION FORM FOR APPLICANTS FOR HIGHER EDUCATION

Applicants attestation is carried out in the form of public final qualifying work defense.

The final qualification work should involve solving a complex task or problem in finance, banking and insurance, which involves research and/or innovation and is characterized by conditions and requirements uncertainty.

The final qualifying work must not contain academic plagiarism, fabrication or falsification. The final qualifying work must be placed in the higher education institution or its structural unit official website or in the higher education institution repository.

#### 4. 1. MATRIX OF THE PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM COMPULSORY COMPONENTS

Components/ Competences	CC1	CC2	CC3	CC4	CC5	CC6
GC1	+	+	+	+	+	+
GC2	+	+		+	+	+
GC3	+	+	+	+	+	+
GC4	+	+	+	+	+	+
GC5	+	+	+	+	+	+
GC6	+	+	+	+	+	+
GC7	+	+	+	+	+	+
GC8	+		+	+	+	+
GC9	+	+	+	+	+	+
SC 1	+		+	+	+	+
SC 2	+			+	+	
SC 3	+		+	+	+	+
SC 4	+			+	+	+
SC 5	+		+	+	+	+
SC 6	+			+	+	+
SC 7	+		+	+	+	+
SC 8	+		+	+	+	+
SC 9	+					
SC10	+			+	+	+
SC11	+		+	+	+	+
SC12	+			+		+
SC13	+			+		
SC14	+			+	+	
SC15	+		+		+	

#### 4.2. MATRIX OF THE PROGRAM COMPETENCES CONFORMITY WITH THE EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

Components/ Competences	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10	OC11	OC12	OC13	OC14	OC15
GC1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC2	+				+					+		+			
GC3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC5		+	+	+	+	+	+	+		+		+	+	+	
GC6		+	+	+	+	+	+	+		+		+	+	+	
GC7		+	+	+	+	+	+	+		+		+	+	+	
GC8		+		+	+	+	+	+		+		+	+	+	
GC9		+	+	+	+	+	+	+		+		+	+	+	
SC 1	+	+	+				+	+		+		+		+	
SC 2		+	+	+	+	+	+	+	+		+	+	+	+	+
SC 3	+	+					+	+		+		+		+	
SC 4		+		+	+	+		+	+	+	+		+	+	+
SC 5	+	+	+				+	+		+				+	
SC 6		+	+	+	+	+	+	+	+	+	+	+	+	+	+
SC 7		+	+			+		+	+	+	+	+	+	+	+
SC 8								+		+		+		+	
SC 9						+			+	+	+		+		+
SC10						+			+		+		+		+
SC11						+		+	+		+		+		+
SC12												+	+	+	
SC13			+			+		+	+		+				+
SC14										+			+		
SC15													+		



## 5. 1. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE EDUCATIONAL PROGRAM COMPULSORY COMPONENTS

Components/ Program learning outcomes	CC1	CC2	CC3	CC4	CC5	CC6
PLO 01	+	+	+	+	+	+
PLO 02	+	+	+	+	+	+
PLO 03	+	+	+	+	+	+
PLO 04	+	+	+	+	+	+
PLO 05	+			+	+	+
PLO 06	+	+	+	+	+	+
PLO 07	+	+	+	+	+	+
PLO 08	+	+	+	+	+	+
PLO 09	+	+	+	+	+	+
PLO 10	+	+	+	+	+	+
PLO 11	+	+	+	+	+	+
PLO 12	+	+	+	+	+	+
PLO 13	+	+	+	+	+	+
PLO 14	+			+		+
PLO 15	+	+	+	+	+	+
PLO 16	+			+	+	+
PLO 17	+					
PLO 18	+					
PLO 19	+	+		+	+	+
PLO 20	+		+		+	+

## 5.2. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES BY THE EDUCATIONAL PROGRAM OPTIONAL COMPONENTS

Components/ Program learning outcomes	OC1	OC2	OC3	OC4	OC5	OC6	OC7	OC8	OC9	OC10	OC11	OC12	OC13	OC14	OC15
PLO 01	+	+	+	+	+	+	+	+		+		+	+	+	
PLO 02	+	+	+	+	+	+	+	+	+	+	+		+	+	+
PLO 03	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 04	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 05	+				+					+		+			
PLO 06	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 07	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 08	+	+	+	+	+	+	+	+		+		+	+	+	
PLO 09	+	+	+	+	+	+	+	+		+		+	+	+	
PLO10		+	+			+			+	+	+	+	+		+
PLO11		+	+	+	+	+		+		+			+		
PLO12		+	+	+	+	+	+	+	+	+	+	+	+		+
PLO13	+	+	+	+	+	+		+		+		+	+		
PLO14						+			+		+				+
PLO15			+	+	+	+		+		+			+		
PLO16										+					
PLO17		+				+			+		+		+		+
PLO18												+	+		
PLO19		+	+					+		+					
PLO20								+							

## Changes registration paper

[illegible]

