

1. Educational Program “Financial technologies in business”
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	State 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	https://knute.edu.ua/
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.
4 – Graduates employability and suitability for further learning	
Employability	<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"> • 2310. University and other higher educational institutions teachers 2414 Professionals in financial and economic security of businesses, institutions and organizations. 2441. Professionals in economics. 2419.3. Government service professionals. 2441.1. Наукові співробітники (економіка). 2441.1. Research workers (economics). 2441.2 Investment analyst. 2441.2 Lending analyst. 2441.2 Economist in taxes and duties. 2441.2 Economist in finance. 2441.2 Economic adviser 2441.2 Economic consultant 2441.2 Audit commission member 2441.2 Supervisory board member. 146.Financial managers..
Further learning	Ability to learn by the third higher education level programs.
5 – Teaching and assessment	
Teaching and assessment	Student-centered learning, self-study, problem-oriented learning, learning with distance technology elements application.
Assessment	<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"> - "Regulations on students educational process organization"; - "Regulations on learning outcomes assessment of for students and post-graduate students"
6 - Program competences	
Integral competence	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.
General competences (GC)	<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>

	GC9. Ability to act on the basis of ethical considerations (motives).
Specialized (professional, subject competence)	<p>SC1. 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>SC2. 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>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>SC9. Ability to develop technical tasks for designing information systems in finance, banking and insurance.</p> <p>SC 10. <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>SC 11. <i>Ability to create personalized financial products using economic and mathematical methods based on consumers financial behavior analysis.</i></p> <p>SC12. <i>Ability to develop investment plans for financial institutions' clients based on real-time data from world financial markets.</i></p> <p>SC 13. <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>SC14. <i>Ability to build a concept of financial ecosystems, models, structures and ecosystems components functioning.</i></p> <p>SC15. Ability to develop and implement business growth strategies based on financial technology tools application.</p>
7 – Program learning outcomes	
	<p>PLO 01. Use fundamental laws of finance, banking and insurance in combination with research and management tools for professional and scientific activities performance.</p> <p>PLO 02. Know at the level of the latest achievements the basic concepts and methodologies of scientific knowledge in finance, banking and insurance.</p> <p>PLO 03. Adapt and modify existing scientific approaches and methods to specific situations of professional activity.</p> <p>PLO 04. Search, process, systematize and analyze information necessary to solve professional and scientific problems in finance, banking and insurance.</p> <p>PLO 05. Communicate in a foreign language on professional and scientific issues orally and in writing fluently, present and discuss</p>

	<p>research results.</p> <p>PLO 06. Present the results of research orally and in writing in accessible and reasonable form, participate in professional discussions.</p> <p>PLO 07. Solve ethical dilemmas based on provisions of law, ethical principles and human values.</p> <p>PLO 08. Be able to apply innovative approaches in finance, banking and insurance and manage them.</p> <p>PLO 09. Apply management skills in finance, banking and insurance.</p> <p>PLO 10. Carry out diagnostics and modeling economic of economic entities financial activity.</p> <p>PLO 11. Apply in-depth knowledge in financial, banking and insurance management for decision making.</p> <p>PLO 12. 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>PLO 13. Evaluate the degree of tasks complexity in activity planning and processing their results.</p> <p>PLO 14. <i>Ability to develop, evaluate and improve financial products based on financial technology tools applying.</i></p> <p>PLO 15. <i>Ability to assess financial services consumers financial behavior and to predict the economic consequences of financial decisions.</i></p> <p>PLO 16. <i>Business growth strategies developing and implementing through financial technology solutions.</i></p> <p>PLO 17. <i>Ability to design business models based on smart IT services.</i></p> <p>PLO 18. <i>Ability to use innovative methods of investment projects financing.</i></p> <p>PLO 19. <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>PLO 20. <i>Ability to identify cyber risks and assess their consequences for financial market entities, business and national security .</i></p>
8 – Resource support for program implementation	
Staff support	The educational program implementation is provided by teachers with PhD and doctor of sciences degrees.
Material and technical support	Using KNUTE computer and specialized laboratories.
Information and educational -methodical support	<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>
9 – Academic mobility	
National credit mobility	On general provisions within Ukraine. Short-term students training according to predetermined course in higher education institutions.

International credit mobility	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
Foreign applicants for higher education training	Foreign applicants for higher education have an opportunity to study at the preparatory department for foreigners and stateless persons and by specializations.

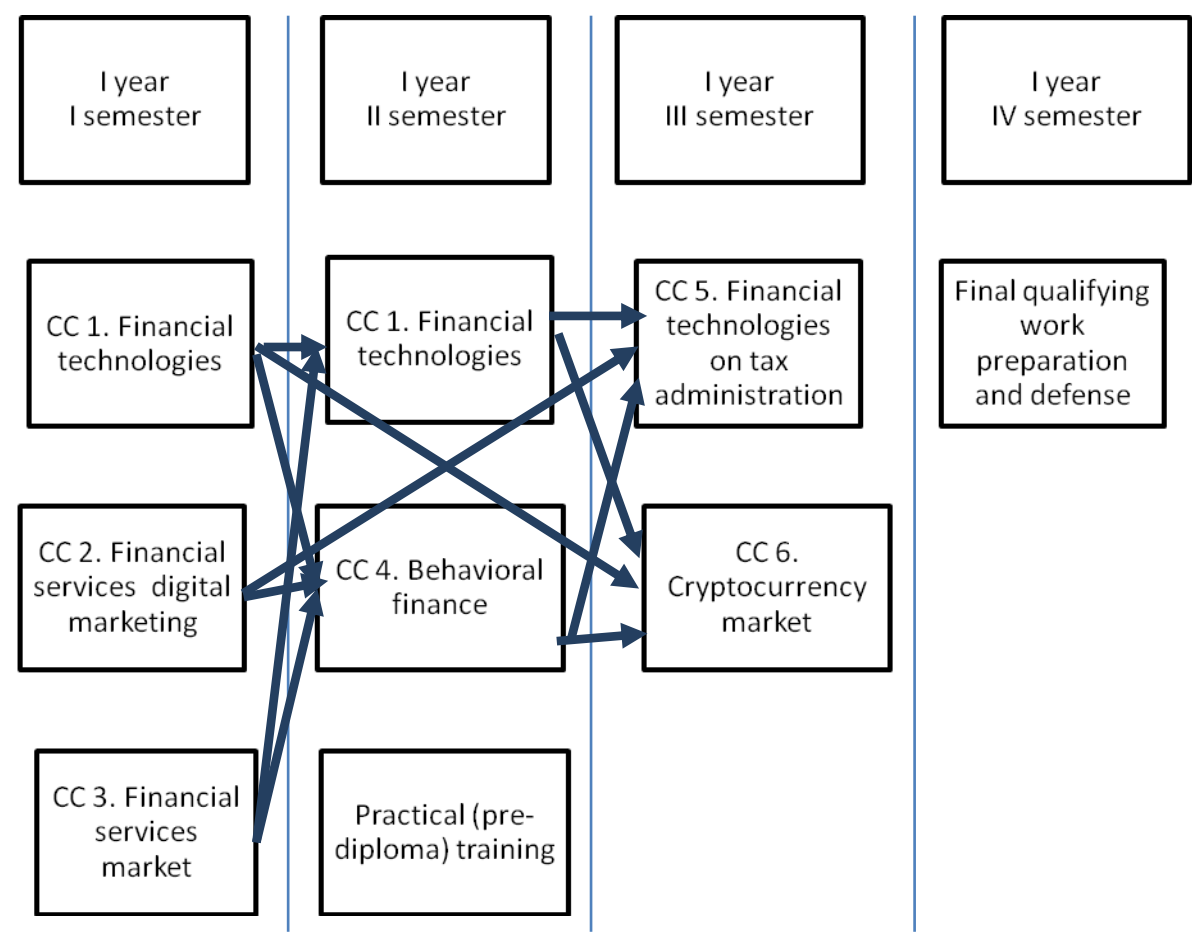
2. List of the educational program components and their logical order

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
Educational program compulsory components		
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
Compulsory components total volume:		45
Educational program optional components		
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
Optional components total volume:		24
Practical training		
Practical (pre-diploma) training		9
Attestation		
Final qualifying work preparation and defense		12
EDUCATIONAL PROGRAM TOTAL VOLUME		90

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

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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

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