MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE KYIV NATIONAL UNIVERSITY OF TRADE AND ECONOMICS

EDUCATIONAL AND PROFESSIONAL PROGRAM "Economy of Trade" The first level of higher education in specialty 051 Economics Branch of Knowledge 05 Social and Behavioral Sciences Qualification: Bachelor Degree in Higher Education Specialty "Economics" Specialization "Economy of Trade"

APPROVED BY THE SCIENTIFIC COUNCIL OF KNUTE

Head of the Scientific Council

_____ / A.A. Mazaraki /

(protocol № ____ off "___" ____ 2018)

The educational program is brought into action since _____ 2018

Rector _____ /A.A. Mazaraki/

(order № ____ off "___" ____ 2018)

PREFACE

Developed by the working group consisting of:

- **1.** Blakita Ganna Vladyslavivna Doctor of Economic Sciences, Professor, Head of Economy and Finance of an Enterprise Department (Head);
- **2.** Mazaraki Anatoliy Antonovich– Doctor of Economic Sciences, Professor, Rector of KNUTE;
- **3.** Vysiochin Iryna Volodymyrivna– Doctor of Economic Sciences, Professor of Economy and Finance of an Enterprise Department;
- **4.** Trubei Oksana Mykolaivna– Candidate of Economic Sciences, Associate Professor, Associate Professor of Economy and Finance of an Enterprise Department;
- **5.** Kondratyuk Oksana Ivanivna– Candidate of Economic Sciences, Associate Professor, Associate Professor of Economy and Finance of an Enterprise Department;
- **6.** Ilchenko Natalia Borysivna– Doctor of Economic Sciences, Head of Trade Entrepreneurship and Logistics Department;
- 7. Roman Yevgeny Viktorovich– Doctor of Science in State Administration, Professor, Head of Marketing Department;
- **8.** Lagutin Vasyl Dmytrovich– Doctor of Economic Sciences, Professor, Head of Economic Theory and Competitive Policy Department;
- **9.** Gurzhy Taras Oleksandrovich– Doctor of Economic Sciences, Professor, Head of Administrative, Financial and Information Law Department;
- **10.** Kryvoruchko Olena Volodymyrivna– Doctor of Technical Sciences, Associate Professor, Head of Software Engineering and Information Systems Department;
- **11.** Korolchuk Mykola Stepanovych– Doctor of Psychological Sciences, Professor, Head of Psychology Department;
- **12.** Suyarko Lidia Volodymyrivna (by consent)–Director of LLC "LASSI", Founder and Hed of the Project "UA Krasa";
- **13.** Yakovenko Volodymyr Yuriyovych– Controller of the store "Ashan Petrivka" LLC "Ashan Ukraine Hypermarket";
- **14.** Kaminska Maryna Mykolaivna– Student of the 4th year of the 12th group of the Faculty of Economics, Management and Psychology, specialization "Economy of an Enterprise"

Reviews of external stakeholders:

- 1. Suyarko L.V.– Director of LLC "LASSI";
- 2. Yakovenko V.Yu.– The Controller of the store "Ashan Petrivka" LLC "Ashan Ukraine Hypermarket"

	(specialization "Economy of Trade")
	1-General information
Full name of the institution of	f Kyiv National University of Trade and Economics; Faculty of
higher education and	Economics, Management and Psychology; Department of
structural subolivision	Economy and Finance of an Enterprise
Higher education degree and	Higher education degree– bachelor, specialty "Economics",
the name of the qualification	specialization "Economy of Trade"
in the language of the origina	1
The official name of the	"Economy of Trade"
educational program	
Type of diploma and volume	Bachelor degree, unitary, 240 ECTS credits, term of study–3
of educational program	years 10 months
Availability of accreditation	Ministry of Education and Science of Ukraine
Availability of accreuitation	
	Accreditation Commission of the Ministry of Education and
	Science of Ukraine, from 2017 to 2026
Cycle / Level	NRC of Ukraine - 7th level, FQ-EHEA - first cycle,
	EQF-LLL-6 level
Prerequisites	- education degree "Junior Bachelor";
	- full secondary education;
	- The terms of admission and training under the Program are
	governed by the Rules of admission to KNUTE.
Language (s) of teaching	Ukrainian
The duration of the	2017-2026
educational program	
Internet address of the	https://www.knteu.kiev.ua
permanent description of the	
educational program	
A O	The purpose of the educational program
	essionals with modern economic thinking, theoretical knowledge and
	iness processes of the subject of trading activity, capable of solving
	s using tools and algorithm for making managerial decisions for the
	ent; preparation for the successful mastering of higher education
programs.	
1 0	aracteristics of the educational program
	Branch of Knowledge 05 "Social and Behavioral Sciences"
(branch of knowledge,	Specialty 051 "Economics"
specialty, specialization)	Specialization "Economy of Trade"
specially, specialization)	Compulsory components of the educational program occupy 73%,
	selective components of the educational program occupy 27%.
	Educational-professional. The program is based on the conceptual theoretical foundations of
	The program is based on the conceptual theoretical foundations of the leading scientific and accompany schools and the generalization of
	the leading scientific and economic schools and the generalization of
-	practical experience in the field of the economy of trade, forms the
	relevant competencies in the labor market, which provide
	opportunities for the development of professional and scientific
	careers. It provides the study of relevant, professionally oriented

1. Profile of educational program in specialty 051 "Economics " (specialization "Economy of Trade")

	disciplines in accordance with the approved programs:
	"Science of Commodities", "Economy of Trade", "Trade
	Management", "Trade Marketing", "Trade Organization",
	"Accounting in Trade", "International Trade", "Pricing", "Behavioral
	Economics", "Modeling of Financial and Economic Activity of an
	Enterprise ".
The main focus of the	Key words: socio-economic systems, management decisions,
educational program and	economic and mathematical models, economic objects, efficiency.
specialization	General education in the field of social and behavioral sciences,
	specialty-economy of trade, with in-depth study of the theoretical and methodological foundations of the organization of financial relations
	and their functioning at the macro and microeconomic levels;
	organizational and economic principles of the functioning of the
	trading business; the organization of accounting at a trade enterprise;
	systematic and processing analysis of economic systems, finding
	predictive assessments of their behavior in the future and developing
	management decisions on their basis; construction and use of
	economic and mathematical models, which are tools for the
	evaluation, analysis and forecasting of complex socio-economic
	systems; analysis and processing of statistical data using modern
	computer technologies; diagnostics and search for opportunities for
	achieving positive changes in the development of subjects of trade
	activity or other economic objects and their structural divisions;
	assessment of projects, methods and means of attraction of resources
	for implementation of projects and mechanisms for their
	management; analysis of the effectiveness of the business plan, and
	the use of specialized software.
Peculiarities of the	It provides the expansion of the obligatory component through the
program	study of relevant profession oriented disciplines in accordance with
	approved author's programs (Econometrics, Economic Analysis, Electronic Commerce, Digital Technologies in Business, Trade
	Entrepreneurship, Business Technologies, Business Planning,
	Franchise Business, Innovations in Trade, Commercial Logistics,
	Audit), which provide formation of abilities and skills for work in the
	field of the economy of trade.
	The industrial practice (6 weeks) at the leading enterprises of
	Ukraine are foreseen by the training plans.
4-Suitability	of graduates for employment and further education
Suitability for	Execution of the functions of the assistant to the head of the trade
employment	company, and its divisions.
	Work in positions: economist of sales, purchasing activities,
	financial work, pricing, planning, work; specialist of the efficiency
	of trading activities, project management and programs in the field of
	commerce, in the regulation and budgeting, of stock exchange
	transactions, of financial and economic security, in analytics;
	specialist in trade economics in public administration and local self-
	government bodies, assistant manager of an enterprise (institution,
	organization), assistant manager of another main unit. Owning a
E	commercial business (private entrepreneurship).
Further education	Ability to continue education to get the second level of higher
	education - master degree in economics.
Topphing and log-	5-Teaching and evaluation
Teaching and learning	Balanced combination of classroom work (lectures, discussions,

Evaluation	 seminars, practical classes in small groups, independent work with information sources, teacher counseling, distance learning) and independent work based on problem-oriented, interactive learning and self-learning. Students of KNUTE are evaluated twice a year according to the Regulations on the system of rating assessment of the students of the KNUTE approved by the Academic Council of KNUTE on May 25, 2017.
	All types of current assessment of students knowledge are made during the implementation of the curriculum (written examinations,
	presentation of individual works and projects, current control: testing, problem solving and situational exercises, cases, debates, public statements, final control, certification (qualifying
	examination).
	6-Program competencies
Integral competence	Ability to solve complex specialized economic problems and problems, to take appropriate analytical and managerial decisions in the field of trade activity or in the process of study, which envisages carrying out theoretical and applied researches with the use of innovative technologies and the latest software products.
General Competence	GC1. Ability to take initiatives, responsibilities and safety skills in
(GC)	 accordance with the future profile of work, sectoral rules and regulations, as well as the required level of individual and collective security in emergencies. GC2. Ability to think flexibly in a wide range of possible workplaces and in everyday life. Ability to analyze and synthesize on the basis of logical arguments and verified facts. GC3. Ability to conduct economic research in a group led by a leader; ability to take into account disciplinary requirements, planning and time management. GC4. Ability to continuous and up-to-date training, studying and generalization of best practices in the field of their professional activities, and generation of new ideas. GC5. Ability to conduct business communication in a foreign language. GC6. Ability to communicate effectively and to present complex comprehensive information and communication technologies and proper economic terminology. GC7. Formation of psychological culture of interaction in professional and everyday activities. GC8. Ability to adhere to ethical principles both in terms of professional honesty and in terms of understanding the possible impact of financial decisions on the social sphere.
Professional competence of the specialty (PC)	PC1. Ability to use the knowledge about the economic basis and the current trends in the functioning of trade as a sphere of turnover and some kind of economic activity, features of the functioning of the market of goods and services as a complex socio-economic system, and the role of trade in ensuring its development. PC2. Acquiring detailed and comprehensive knowledge of the economic essence, role and functions of retail, wholesale and foreign trade and indicators, allowing to evaluate their efficiency.

 PC3. Acquisition of detailed and comprehensive knowledge about the analysis and planning of the volume of activity (trade turnover) in trade, organizational and economic principles of the formation and use of resources (labor, material, financial), the mechanism for the formation and use of the results of trading activities (costs, revenues, financial results), and methodological fundamentals of assessing its economic efficiency. PC4. Ability to analyze, compare and evaluate critically statistics and market research data on key indicators of the development of the market for consumer and investment goods, analyze and plan the volume of commodity turnover and commodity supply, determine reserves of its growth, carry out analysis and planning of resource
 trade, organizational and economic principles of the formation and use of resources (labor, material, financial), the mechanism for the formation and use of the results of trading activities (costs, revenues, financial results), and methodological fundamentals of assessing its economic efficiency. PC4. Ability to analyze, compare and evaluate critically statistics and market research data on key indicators of the development of the market for consumer and investment goods, analyze and plan the volume of commodity turnover and commodity supply, determine
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market for consumer and investment goods, analyze and plan the volume of commodity turnover and commodity supply, determine
volume of commodity turnover and commodity supply, determine
reserves of its growth, carry out analysis and planning of resource
support of the trading enterprise, implement search for reserves to
increase resource efficiency.
PC5. Ability to carry out the analysis and planning of financial
resources of the trading company and the main financial and
managerial reports, to find reserves to increase the efficiency of their
formation and use, to analyze and plan income, expenses and
financial results in trade, to substantiate managerial decisions on
improving the efficiency of economic activity in the field of trade.
PC6. Ability to perform organizational and managerial, and
informational and analytical work in the following areas: formation
of economic strategy of a trade enterprise; improvement of the
organizational structure of a trade enterprise.
PC7. Ability to organize and to use workplaces efficiently; and to use
information systems and digital technologies in the management of
trade enterprises effectively.
PC8. Ability to find and to use information from different sources
(written, electronic and oral) according to the task with sufficient
level of validity.
PC9. Ability to use the systematic management of organizations; to
acquire skills for analyzing the internal and external environment of
an organization and tomake adequate managerial decisions.
PC10. Ability to build partner relations with all participants, to
regulate labor conflicts, to develop productive relations with people
on the principles of self-esteem, patience, emotional balance and
trust.
PC11. Ability to determine and meet the needs of development, to
think critically, to demonstrate the skills of critical assessment of
oneself and others for personal and professional development.
PC12. Ability to use methods of assessing the enterprise results, and
motivation to perform the tasks.
PC13. Ability to search, collect, systematize and accumulate the
regulatory, social, economic, scientific, methodological, reference
and other information necessary to perform official duties.
PC14. Ability to make effective business communication, to
communicate with colleagues in the field on scientific achievements
both at the general level and at the level of specialists, and to present
complex information in a convenient and understandable way.
PC15. Ability to use existing computer programs to increase the
efficiency of professional activities.
7-Program outcomes of the training
POT 1. Possession of wide-range horizons;

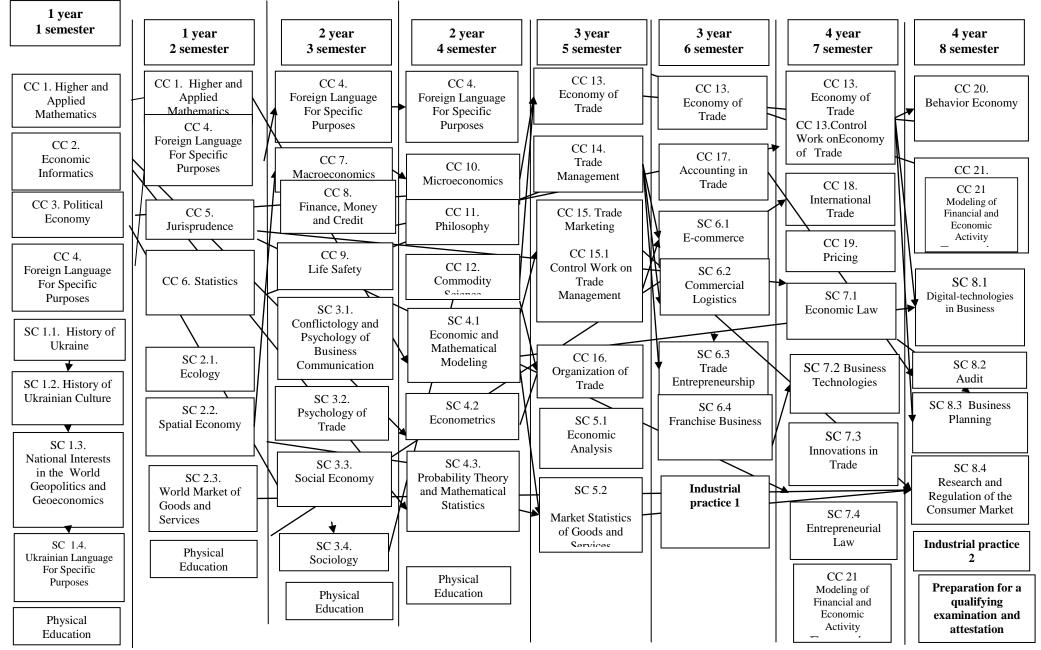
	principles of development of society;
	POT 4. Possession of communicative culture and culture of
	thinking; POT 5. Possession of formed cognitive, communicative abilities;
	POT 6. Possession of organized structure of individual traits,
	recognized values and certain positions;
	POT 7. Foreign language proficiency;
	POT 8. Ability to think logically on the basis of formal logic;
	POT 9. Ability to use mathematical and statistical methods of
	analysis, and to apply information technologies;
	POT 10. Knowledge and understanding of economic theory, legal
	norms regulating entrepreneurial activity; POT 11. Possibility to solve typical specialized tasks and practical
	problems in the field of economic activity of trade enterprises and
	in the process of training;
	POT 12. Ability to identify the reserves for improving efficiency
	and to justify recommendations for solving situational tasks in the
	field of economic activity management of the trading company;
	POT 13. Ability to interpret the results of the analysis of the
	reporting information of the enterprise, and data of domestic and
	foreign economic statistics. POT 14. Ability to develop plans, monitor their implementation,
	and to evaluate the effectiveness of the trading company;
	POT 15. Ability to apply information technologies in professional
	activities.
	POT 16. Ability to justify recommendations for solving the
	problems of operation and development of the trading company.
	POT 17. Ability to justify the development of a business plan,
	conduct an analysis of the effectiveness of the business plan, and to apply specialized software.
8-Resource	e support for the implementation of the program
Personnel support	Working group: ten persons with degrees and / or academic ranks,
	as well as the scientific and pedagogical workers with academic
	degrees and / or academics, as well as highly skilled specialists are
	involved.
	Provision of advanced training for scientific and pedagogical staff of KNUTE in accordance with the Regulations on the upgrading of
	qualifications and internships of scientific and pedagogical workers
	of KNUTE. All scientific and pedagogical workers have
	internships every five years.
Material and technical	internshipsevery five years.Ensuring the availability of the necessary resources for the
Material and technical support	Ensuring the availability of the necessary resources for the organization of the educational process, including independent
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with the Provision on the organization of students educational process;
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with the Provision on the organization of students educational process; Regulations on the independent work of the students and
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with the Provision on the organization of students educational process; Regulations on the independent work of the students and postgraduates of KNUTE.
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with the Provision on the organization of students educational process; Regulations on the independent work of the students and
	Ensuring the availability of the necessary resources for the organization of the educational process, including independent work of students, for each educational program in accordance with the Provision on the organization of students educational process; Regulations on the independent work of the students and postgraduates of KNUTE. The use of laboratories, computer and specialized classrooms of

advectional and	management of the advantional pressess through the system
educational and	management of the educational process through the systems:
methodological support	distance learning MOODLE (provides independent and individual
	training, control), access to the Internet and e-mail, "Dean's Office",
	"1- C: Accounting for Ukraine" (financial support), "Load-
	schedule", management of WEB-resources of KNUTE,
	management of the library fund, as well as the system of electronic
	document flow "OPTiMA - WorkFlow", corporate information
	field in the form of "personal office" of a user of web portal
	KNUTE.
	Ensuring publicity of information about educational programs,
	degrees of higher education and qualifications: realization of
	information policy of KNUTE; publication of information
	packages, educational programs, schedule of classes, as well as all
	components of the educational process, which are to be published in
	accordance with the Law of Ukraine "On Higher Education" on the
	official site of KNUTE;
	Providing an effective system for preventing and detecting
	academic plagiarism in the scientific works of the staff of KNUTE
	and the applicants of higher education (publication of the texts of
	the dissertation researches on the official site of KNUTE), and
	adherence to the rules of the Ethical Code of the scientist of
	Ukraine.
	Other procedures and measures that ensure the fulfillment of the
	Licensing terms for conducting academic activities by educational
	institutions (Resolution of the Cabinet of Ministers of Ukraine
	dated December 30, 2015, No. 1187 "On Approval of Licensing
	Terms for Academic Activities of Educational Institutions").
	9-Academic Mobility
National Credit Mobility	It is envisaged by law and it is expedient when it is necessary to
	study (master) by students fundamentally new courses, disciplines
	that are not taught in the higher educational establishment. There
	are developed regulations on the procedure for realization of the
	right to academic mobility in KNUTE.
International Credit	The University has signed agreements on cooperation between
Mobility	KNUTE and higher educational institutions, according to which
Withoutiney	partners exchanges and students training are carried out. In
	addition, international academic mobility is carried out through
	international programs and projects within Erasmus + in particular
	with the following universities: Krakow University of Economics
	(Poland, Krakow), Szczecin University (Poland, Szczecin),
	Business School Audencia(France, Nantes), University of Grenoble
	Alps (France, Grenoble), Paris Es Cretey University (France, Paris),
	University of Central Lancashire (Great Britain, Preston),
	Hohenheim University (Germany, Stuttgart), Piraeus University of
	Applied Sciences (Greece, Piraeus), University named after
	Clement Ohridski (Bulgaria, Sofia).
Teaching foreign applicants	For foreign students, the discipline "Ukrainian language" is taught
for higher education	during 1-3 semesters with a separate schedule by teachers who have
ivi ingnei cuucation	completed special training in teaching Ukrainian as a foreign
	completed special training in teaching Oktainian as a foleigh
	language.

	2.1. List of the EP com	1	
Code a/d	Components of the educational program (academic disciplines, course projects (works),	Amount of credits	Form of the final control
	practice, qualifying examination, final		
	qualifying work)		
1	2	3	4
	Compulsory components of th	e EP	
CC 1.	Foreign Language for Secific Purposes	24	exam
CC 2.	Higher and Applied Mathematics	12	exam
CC 3.	Philosophy	6	exam
CC 4.	Economic Informatics	6	exam
CC 5.	Jurisprudence	6	exam
CC 6.	Political Economy	6	exam
CC 7.	Life Safety	6	exam
CC 8.	Macroeconomics	6	exam
CC 9.	Finance, Money and Credit	6	exam
CC 10.	Statistics	6	exam
CC 11.	Microeconomics	6	exam
CC 12.	Commodity Science	6	exam
CC 13.	Economy of Trade		exam
CC 13.1	Control Work on Economy of Trade	18	
CC 14.	Organization of Trade	6	exam
CC 15.	Trade Management		
CC 15.1	Control Work on Trade Management	6	exam
CC 16.	Accounting in Trade	6	exam
CC 17.	Trade Marketing	6	
CC 18.	Pricing	6	exam
CC 19.	International Trade	6	exam
CC 20.	Modeling of Financial and Economic Activity of	9	exam
	an Enterprise		
	Physical Education		credit
Total volu	me of compulsory components:	159	
	Selective components of the		1
SC 1.1.	History of Ukraine	6	exam
SC 1.2.	History of Ukrainian Culture	6	exam
SC 1.3.	National Interests in the World Geopolitics and	6	exam
	Geoeconomics		
SC 1.4.	Ukrainian Language For Specific Purposes	6	exam
SC 2.1.	Ecology	6	exam
SC 2.2.	Spatial Economy	6	exam
SC 2.3.	World Market of Goods and Services	6	exam
SC 3.1.	Conflictology and Psychology of Business		exam
	Communication	6	
SC 3.2.	Psychology of Trade	6	exam
SC 3.3.	Social Economy	6	exam
SC 3.4.	Sociology	6	exam
SC 4.1.	Economic and Mathematical Modeling	6	exam
SC 4.2.	Econometrics	6	exam

2. List of components of the educational program and their logical consistency 2.1. List of the EP components

SC 4.3.	Probability Theory and Mathematical Statistics	6	exam
SC 5.1.	Economic Analysis	6	exam
SC 5.2.	Market Statistics of Goods and Services	6	exam
SC 6.1.	E-commerce	6	exam
SC 6.2.	Commercial Logistics	6	exam
SC 6.3.	Trade Entrepreneurship	6	exam
SC 6.4.	Franchise Business	6	exam
SC 7.1.	Economic Law	6	exam
SC 7.2.	Business Technologies	6	exam
SC 7.3.	Innovations in Trade	6	exam
SC 7.4.	Entrepreneurial Law	6	exam
SC 8.1.	Digital-technologies in Business	4,5	exam
SC 8.2.	Audit	4,5	exam
SC 8.3.	Business Planning	4,5	exam
SC 8.4.	Research and Regulation of the Consumer Market	4,5	exam
Total volu	me of selective components:	66	
	Practical training		
Industrial	practice 1	6	credit
Industrial	practice 2	6	credit
	Attestation		
Preparatio	on for a qualifying examination and attestation	3	
			exam
TOTAL V	OLUME OF THE EDUCATIONAL	240	
PROGRA	M		



2.2. Structural and logical scheme of the EP

11

3. Form of attestation of applicants for higher education

The attestation of graduates of the educational program of the specialty 051 "Economics", the specialization "Economy of Trade" is carried out in the form of a qualifying examination and ends with the issue of the document of the established sample on awarding him or her a bachelor's degree with the qualification: the degree of higher education – Bachelor, specialty "Economics", specialization "Economy of Trade".

The attestation is carried out openly and publicly.

3. Matrix of compliance of program competencies to the components of the educational program

	CC 1.	CC 2.	CC 3.	CC 4.	CC 5.	CC 6.	CC 7.	CC 8.	CC 9.	CC 10.	CC 11.	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	SC 1.1.	SC 1.2.	SC 1.3.	SC 1.4.	SC 2.1.	SC 2.2.	SC 2.3.	SC 3.1.	SC 3.2.	SC 3.3.	SC 3.4.	SC 4.1.	SC 4.2.	SC 4.3.	SC 5.1.	SC 5.2.	SC 6.1	SC 6.2.	SC 6.3	SC 6.4.	SC 7.1	SC 7.2	SC 7.3	SC 7.4	SC 8.1	SC 8.2	SC 8.3	SC 8.4
GC1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC5				+								1																	+	+																			_
GC6	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC7				+																+			+		+				+	+																			_
GC8																				+									+	+	+	+																	
PC1			+			+	+			+			+														+	+			+						+												+
PC2			+			+	+			+			+					+									+	+			+						+												+
PC3												+	+	+	+	+	+	+	+	+	+							+					+	+	+	+	+		+	+		+			+		+	+	
PC4		+										+	+	+	+	+	+	+	+	+	+							+					+	+	+	+	+	+	+	+		+			+	+	+		+
PC5		+						+					+				+		+		+												+			+											+	+	
PC6		+				+		+				1	+	+	+	+	+		+	+	+												+	+	+	+	+	+				+	+	+		+	+	+	+
PC7		+							+				+	+	+					+	+								+	+	+	+						+					+	+	+		+		
PC8		+			+		+					1	+	+	+	+	+	+	+	+	+				+											+													+
PC9													+	+	+	+											+	+					+	+	+	+	+			+		+	+	+	+	+	+		
PC10												1		+											+				+	+	+	+																	_
PC11											+	1								+									+	+	+	+																	_
PC12										+			+	+			+			+									+	+	+	+														_		-	
PC13					+	+	+			+			+	+	+	+	+	+	+		+			+			+	+								+	+					+			+	\uparrow	+		
PC14				+							+	1		1											+				+	+	+	+							+				+			+		+	
PC15		+										1		1																								+					+	+		+	+		

	CC 1.	CC 2.	CC 3.	CC 4.	CC 5.	CC 6.	CC 7.	CC 8.	CC 9.	CC 10.	CC 11.	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	SC 1.1.	SC 1.2.	SC 1.3.	SC 1.4.	SC 2.1.	SC 2.2.	SC 2.3.	SC 3.1.		SC 3.3.	SC 3.4.	SC 4.1.	SC 4.2.	SC 4.3.	SC 5.1.	SC 5.2.	SC 6.1	SC 6.2.	SC 6.3	SC 6.4.	SC 7.1	SC 7.2	SC 7.3	SC 7.4	SC 8.1	SC 8.2	SC 8.3	SC 8.4
POT1			+			+					+											+	+	+	+	+	+	+	+	+	+	+																	
POT2			+	+		+			+		+		+									+	+	+				+	+		+	+										+			+				
POT3			+																							+	+		+	+	+	+										+			+				
POT4											+			+									+						+	+	+	+																	
POT5											+			+									+						+	+	+	+																	
POT6											+			+															+	+	+	+																	
POT7				+																																													
POT8											+		+	+	+	+	+			+	+																												
РОТ9	+	+				+				+			+	+	+	+	+		+														+	+	+	+	+	+					+			+	+	+	+
POT10			+		+		+			+																																+			+				
POT11												+	+	+	+	+	+	+	+		+																	+	+	+	+	+	+	+	+	+	+	+	+
POT12													+	+	+	+	+		+		+															+							+	+		+	+		+
POT13						+							+	+	+	+					+															+	+						+			+	+	+	+
POT14													+	+	+	+					+																											+	
POT15		+											+	+	+	+	+				+																	+					+			+			
POT16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
POT17		+													+				+		+																			+			+					+	

5. Matrix of providing program outcomes of training (POT) with the corresponding components of the program