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

EDUCATIONAL PROGRAM

«Wholesale and retail trade»

First level of academic degree

Specialization 076 Entrepreneurship, trade, and stock activity

Field of study 07 Management and administration Qualification: Bachelor's degree

Specialty «Entrepreneurship, trade, and stock activity»

Specialization «Wholesale and retail trade»

Kyiv 2019

1. Educational Program profile in specialty 076 «Entrepreneurship, trade, and stock activity»

	1–General information
Full name of IHE and	Kyiv National University of Trade and Economics, Department of
structural unit	Trade and Marketing, Department of Trade Entrepreneurship and
	Logistics
Academic degree and	Ступінь вищої освіти бакалавр
qualification title in the	спеціальність «Підприємництво, торгівля та біржова діяльність»
original	спеціалізація «Оптова і роздрібна торгівля»
	Academic degree «Bachelor»
	specialty «Entrepreneurship, trade, and stock activity»
	specialization «Wholesale and retail trade»
Educational Program Title	«Wholesale and retail trade»
Diploma type and	Bachelor Diploma, Single, 240 ECTS credits,
quantity of the program	Studying period -3 year 10 months
Accreditation	Ministry of Education and Science of Ukraine, Ukraine, certificate of
	accreditation dated 07/8/2014, protocol No. 11
Cycle/Level	NRK-Ukraine -7 level,
-	FQ-EHEA –1-st cycle,
	EQF - LLL - 7 level
Preconditions	Availability of a certificate of completed general secondary
	education
	Having a junior Bachelor's degree in specialty 076
	"Entrepreneurship, trade, and stock activity"
	The conditions for admission to the program are regulated by the
	Rules of admission to KNUTE
Language of instruction	Ukrainian
Program duration	Till 01.07.2024
Internet address for	https://knute.edu.ua
permanent placement of	
the program description	
	2 - Educational program aim
	alists in the theory of commodity circulation, trade business and stock
•	undamental professional knowledge, modern economic outlook, and
practical skills in the organi	1
	3 - Educational program characteristics
Subject area (Field of	Field of study 07 «Management and administration»
study, speciality, and	Specialty 076«Entrepreneurship, trade, and stock activity» Specialization «Wholesale and retail trade»
<pre>specialization(if exists))</pre>	Compulsory courses - 40%, of which the general training cycle -
	28%, professional training - 72%.
	Optional courses - 60%, of which the cycle of general training -
	57%, professional training - 43%.
Educational program	Educational and professional, academic
orientation	The emphasis on a broad review of the problems of trade
	entrepreneurship, the ability to understand the current transformations
	taking place in these areas and to make economically sound decisions on
	the effective management of wholesale and retail trade enterprises
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(specialization "Wholesale and retail trade")

Educational program	General economic education in the field of management and
and specialization goals	administration of business, trade and stock activity.
and objectives	Key words: entrepreneurship, retail trade, wholesale trade, e-commerce,
	logistics activities of wholesale trade enterprises, logistics activity of retail
	trade enterprises, design of trade entities, stock exchange activity
Specific requirements	Special education in the field of enterprise, trade and stock trading,
	acquisition of competencies regarding the peculiarities of the organization
	of trading activity, designing of trade entities, organization of trade and
	technological processes in the wholesale and retail trade, ensuring a high
	level of quality of customer service, assessing the economic efficiency of
	commercial activity.
4 -	- Career opportunities and further learning
Career opportunities	According to the National Classifier of Types of Economic Activities
	DK 009: 2010, as well as taking into account the requirements of the
	labor market, the types of professional activity of the graduate are:
	- wholesale and retail trade in motor vehicles and motorcycles, their
	repair - G. 45;
	- wholesale trade, except trade in motor vehicles and motorcycles -
	G. 46;
	- retail trade, except trade in motor vehicles and motorcycles - G. 47;
	- warehousing - H. 52.1;
	- advising on business and management issues - M. 70.22;
	- research of market conditions and public opinion - M. 73.20.
	In accordance with the National Classification of Professions DK
	003: 2010 an expert may hold the following primary positions:
	commodity expert, sales consultant, delivery organizer, sales
	organizer, sales inspector, trading inspector, trading broker, dealer,
	commercial agent, trading agent, supply agent, quality control
	inspector, analyst for commodity market research, merchant,
	salesman, merchandiser. Curriculum plans include production
	practice at leading Ukrainian wholesale and retail trade enterprises
Further learning	Second Level Education for Master's Degree In Higher Education
T 1. 11 ·	5 – Training and assessment
Teaching and learning	Balanced combination of classroom and self work on the basis of
	problem-oriented and interactive learning using modern educational
	technologies and techniques, student-centered, problem-oriented
	training in conducting practical, laboratory, and seminar classes, self-
	training in preparation for classes.
Assessment	Written exams, solving situational practical tasks, presentations, surveys,
	testing, writing essays, case studies, etc.
	6 – Program competences
Integral competence	Ability to solve complex specialized problems and practical
(IC)	problems in the field of entrepreneurship, trade, and stock activity,
	which involves the application of knowledge on the theory of
	commodity circulation and organizational and legal basis of
	entrepreneurship, characterized by complexity of decision-making in
	conditions of ambiguity of the environment
	containing of amorganty of the environment
General competence	GC1. Ability to understand the subject area, critical understanding of
General competence (GC)	GC1. Ability to understand the subject area, critical understanding of the basic theories, principles, methods, and concepts used in teaching
-	GC1. Ability to understand the subject area, critical understanding of

other processes and phenomena in specific historical condition	
at the present stage of development, taking into account ge	
human values, norms of behavior, and morals, and in	the
international context.	
GC3. Ability to use modern methods, models, technologic	es of
collection, systematization, processing, and interpretation	n of
information.	
GC 4. Ability to apply knowledge in solving practical problems	and
conducting research at the appropriate methodological level.	
GC5. Ability to identify, to put, and to solve problems.	
GC6. Ability to communicate in the state and foreign languag	es in
the professional field.	05 111
GC7. Ability to initiate measures to preserve the environment a	nd to
carry out safe activities.	nu to
GC8. Ability to identify initiative and entrepreneurship, to act of	n tha
basis of ethical considerations (motives), socially responsible	and
consciously from civic positions.	1
GC 9. Ability to carry out communication activities, to work bot	11 111
a team (group) and independently (autonomously).	c
GC10. Ability to make ground decisions about the activitie	es of
wholesale and retail trade enterprises.	
GC11. Ability to design and to manage projects.	
GC12. Ability to learn, to adapt, to form new ideas and manifest	ation
of creativity.	
essional competence PC1. Ability to understand the regularities of functioning of	
modern economy and entrepreneurship entities, trade and	stock
activities.	
PC2. Ability to understand the theoretical foundations, tool	s and
methodology of the study of the development of wholesale and	retail
trade, the usage of a systematic approach to the management of	of the
business entities.	
PC3. Ability to effective implementation of theoretical position	s and
practical methods of organization and technology of sales of g	goods
and provision of trade services, observance of legal principl	es of
consumer protection.	
PC 4. Ability to identify the goods, to use modern methods for	
determining the quality and safety of goods in accordance with	the
requirements of the standards.	
PC5. Ability to manage the processes of purchase and sale of g	oods,
trade services of customers at trade enterprises and to develop a	
implement PC measures to improve their organization.	
PC 6. Ability to apply information and communication technology	gies
for the organization of activities and ensuring the competitive	0
advantages of wholesale and retail trade enterprises in the consumation of advantages of wholesale and retail trade enterprises in the consumation of the consumation	ner
market.	
PC7. Ability to assess the impact of environmental factors of	n the
functioning of business entities, trade and stock activities, to ide	
causal relationships of processes and phenomena in the fie	•
trade.	iu UI
	tional
PC8. Ability to use special tools, to make informed opera	
decisions to optimize and to improve the management o	
activities of wholesale and retail trade enterprises.	i uic

PC9. Ability to solve operational and tactical problems in the field
of commercial, logistic, and marketing activities of wholesale and
retail trade enterprises.
PC10. Ability to use the skills of working with software products and
knowledge and skills in the field of modern information technology
to solve experimental and practical problems.
PC11. Ability to deep analysis, synthesis and the establishment of
interconnections between phenomena and processes in the field of
entrepreneurship, trade, and stock activities.
PC 12. Ability to apply innovative approaches in the activity of
wholesale and retail trade entities.
PC13. Knowledge and understanding of regulatory and legal
regulation in the field of business, trade, and stock activity.
PC14. Ability to identify and to perform professional tasks in the
organization of business, trade, and stock structures.
PC15. Ability to describe processes and phenomena in the field of
entrepreneurship, trade, and stock activity on the basis of theoretical
and applied models, to analyze and to interpret comprehensively
recieved results.
PC16. To be able to organize search, self-selection, analysis and
quality processing of information from different sources for the
formation of data banks in the field of entrepreneurship, trade, and
stock activity.
PC17. To have economic and mathematical methods and tools for
substantiation of managerial decisions on creation and functioning of
business, trade, and stock structures.
7 - Program learning outcomes

PLO1. To have a comprehensive training and communicative competence, to have a linguistic literacy and culture of speech, to demonstrate professional communication at the proper level. PLO 2. To understand the essence of the historical transformations
taking place in modern Ukraine, the laws of the national historical and cultural process, to realize universal human and national cultural
values.
PLO3. To have a legal culture, thinking, and consciousness, to acquire knowledge about economic relations and entrepreneurship, to know the mechanisms of protection of consumer rights at the state level and public organizations.
PLO4. To understand the essence of the social life of society, to have a philosophical culture of thinking and knowledge of the world and yourself, to have abstract and critical thinking, to have a system of knowledge about politics and problems of modern religious life.
PLO5. To know the basic principles and regularities of the functioning of the world market, taking into account the interaction of factors and the laws of their formation, the evolution of structural
changes and patterns of development. PLO6. To have theoretical knowledge and practical skills of using physical and chemical methods of research of raw materials and materials.
PLO7. To be able to use modern information and communication technologies.
PLO8. To have the basics of the mathematical apparatus of modern methods of quantitative financial analysis, a system of knowledge, skills and abilities in the field of creating mathematical models of management systems.
PLO9. To have theoretical knowledge and practical skills of statistical estimation of economic phenomena and processes of public life, accounting, planning, and modeling of financial and economic activity of the enterprise.
PLO10. To be able to prevent dangerous situations, to reduce the negative consequences of emergencies, to provide first aid, to maintain a healthy lifestyle.
PLO11. To understand the laws and mechanisms of the functioning of the market economy, the realization of geopolitical and geo-economic interests, to possess special economic and financial knowledge of the organizational and legal foundations of the creation and operation of financial organizations.
PLO12. To have knowledge about the modern assortment of raw materials and materials for the production of goods, to possess the instrumental
methods of modern standardization, metrology and quality management, to have a system of special theoretical knowledge and skills in assessing the nutritional value, quality, safety and environmental friendliness of food and
non-food products in the process of production and commodity circulation. PLO13. To understand the processes of spatial development of regions and the formation of their competitive advantages, to possess
methodological approaches for the analysis and evaluation of the effectiveness of foreign economic activity and the provision of customs- mediated services, to understand the role and place of customs in the
economic development of Ukraine.

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	PLO14. To possess theoretical knowledge and practical skills in
	organization and implementation of entrepreneurial activity in
	wholesale and retail trade, designing of commercial objects,
	management of financial and economic activities of business
	entities.
	PLO15. To have a modern system of views, speciale knowledge and
	skills in marketing and practical skills in organizing marketing and
	commercial activities of wholesale and retail trade enterprises.
	PLO 16. To understand the conceptual foundations of system
	management of organizations, the phenomenon of social leadership,
	be able to analyze the internal and external environment of the
	enterprise trade, to make informed decisions and regulate social
	conflicts in the team.
	PLO17. Ability to determine the criteria for the formation of the
	product range and to manage it effectively, to apply merchandising
	tools in the process of selling goods and servicing customers in
	stores.
	PLO18. To have knowledge of the diplomatic protocol, etiquette, and
	ceremonial, ethical norms of professional activity, laws of beauty and
	harmony, and skills of their usage.
	PLO19. To have knowledge of the business protocol and etiquette, the
	content of diplomacy and the main forms of its implementation, modern
	concepts of ethics and business psychology, to use methods of non-conflict
	business communication in order to build an effective and ethical
	interaction between business and society.
	PLO20. To understand the principles and regularities of the
	integrated management of material, informational, financial, and
	other flows, taking into account the specifics of the activity of
	enterprises of trade.
	Resource support for program implementation
Academic staff	Project team: three people with a degree and / or academic rank (the
	guarantor of the educational program - Ph.D., prof., 1 doctor of
	sciences, associate professor and 1 Ph.D., associate professor and 1
	Ph.D.) Scientific and pedagogical workers with scientific degrees
	and / or scientists, as well as highly skilled specialists, are involved
	in the implementation of EPP. In order to increase the professional
	level, all scientific and pedagogical workers undergo an internship
	once every five years.
Facilitian	Dreviding of growings for any dusting training associate and control
Facilities	Providing of premises for conducting training sessions and control
	activities and appropriate multimedia equipment in accordance with
	requirements. Usage of laboratories, computer and specialized
	audiences of KNUTE. To provide the educational process, there are
	specialized educational and research laboratories of the Department
	of Trade Entrepreneurship and Logistics. Providing of training
	rooms, computer workstations, multimedia equipment meets the
	need Availability of social and domestic infrastructure of KNUTE.
	There are all necessary social and domestic infrastructure, the
	number of places in the hostel meets the requirements.
Informational toli	The existing MOODLE distance learning sustant manually suff and
Informational, teaching	The existing MOODLE distance learning system provides self and individual training. Tools and aquipment: technical aquipment specialized
Informational, teaching and learning materials	The existing MOODLE distance learning system provides self and individual training. Tools and equipment: technical equipment, specialized application licensed software, etc. KNUTE has a local computer network.

	The use of the Internet network is unlimited.
	9 – Academic mobility
National credit mobility	It is envisaged by law and it is expedient when it becomes necessary
	to study (mastering) students of fundamentally new disciplines
	which are not taught in the basic ZVO.
	The protocol on academic mobility has been developed
International credit mobility	The University has concluded agreements on cooperation between KNUTE and higher education institutions, in which partner exchange and student 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: Krakiw University of Economics (Poland, Krakiw), Shchetsin University (Poland, Shchetsin), Audensia Business School (France, Nant), France University of Grenobl Alps (France, Grenobl), Pari Es Cretay University (France, Paris), University of Central Lancashire (Great Britain, Preston), Hohenheim University (Germany, Stuttgart), Piraeus University of Applied Sciences (Greek, Piraeus,) Clement Ohrydskyi University (Bulgaria, Sofia).
Training of foreign	English language programs are developed on the discipline, which
students	are fixed by the department.

List of educational program components and their logical order 2.1. List of educational program components

Nº	Educational Program components	Total credits	Final assessment
	(disciplines, term projects (papers), practical training qualification exam, graduate paper)		
1	2	3	4
	Compulsory component of EP		
CC 1.	Foreign language in professional direction	21	exam
CC 2.	Higher and applied Mathematics	6	exam
CC 3.	Economics Informatics	6	exam
CC 4.	Philosophy	6	exam
CC 5.	Economics theory	6	exam
CC 6.	Trade equipment	6	exam
CC 7.	Law science	6	exam
CC 8.	Trade enterpreneurship	6	exam
CC 9.	Finance, money, and credit	6	exam
CC 10.	Life safety	4,5	exam
CC 11.	Trade Economics	6	exam
CC 12.	Commodity study. Non-food products	6	exam
CC 13.	Commodity study. Food products	6	exam
CC 14.	Organization of retail trade	6	exam

CC 15.	Foreign economic activity of the enterprise	6	exam
CC 16.	Exchange trading	6	exam
CC 17.	Marketing	6	exam
CC 18.	Logistics	6	exam
CC 19.	Accounting	4,5	exam
CC 20.	Organization of wholesale trade		
CC 20.1	Control work on the organization of wholesale		
	and retail trade	4,5	
CC 21.	E-commerce	6	exam
CC 22.	Modeling of financial and economic activity	9	exam
	of the enterprise	_	
CC 23.	Sales management and merchandising	6	exam
CC 24.	Management	6	exam
CC 25.	Commercial entities designing	6	exam
CC 25.1	Trade design control works	~ 	
	Physical training		credit
Total am	ount of compulsory components:	163,5	
	Optional component of EP		
OC 1.1.	Statistics	6	exam
OC 1.2.	Physical methods of research	6	exam
OC 1.3.	Chemistry	6	exam
OC 2.1.	History of Ukraine	6	exam
OC 2.2.	History of Ukrainian Culture	6	exam
OC 2.3.	National interests in the world economy and	6	exam
OC 2.4.	geopolitics Ukrainian language (professional direction)	6	avam
	Aesthetics	0 6	exam
OC 2.5.		0 6	exam
OC 2.6.	5	0 6	exam
OC 2.7.	Public speaking		exam
OC 2.8.	Religious studies World culture	6	exam
OC 2.9.		6	exam
OC 3.1.	Conflictology and psychology of business communication	6	exam
OC 3.2.	Business psychology	6	exam
OC 3.3.	Diplomatic and business protocol and	6	_
	etiquette		exam
OC 3.4.	Business ethics	6	exam
OC 3.5.	Logics	6	exam
	Logics	6 6	exam exam
OC 3.5. OC 3.6.	Logics Politology		
OC 3.5. OC 3.6. OC 3.7.	Logics Politology Psychology	б	exam exam
OC 3.5. OC 3.6.	Logics Politology	6 6	exam

	technologies of goods production		
OC 4.2.	Standardization, metrology, and quality	6	avam
	management		exam
OC 4.3.	International Economics	6	exam
OC 4.4.		6	exam
OC 5.1.	Consumer rights protection	6	exam
OC 5.2.	Theory of branch markets	6	exam
OC 6.1.	Systems of automated designing	6	exam
OC 6.2.	Enterprise activity planning	6	exam
OC 7.1.	Custom business	6	exam
OC 7.2.	Custom and intermediary services	6	exam
OC 8.1.	Trade marketing	6	exam
OC 8.2.	Category management	6	exam
OC 9.1.	Product safety		
OC 9.2.	Commercial activity	6	exam
OC10.1.	Economic law	6	exam
OC10.2.	Entrepreneurial law	6	exam
Total vo	lume of optional components:	60	
	Practical training		
Practical	training 1	4,5	credit
Practical	training 2	3	credit
Practical	training 3	6	credit
	Attestation		
	n of graduation and qualification work and its	3	
protection			
TOTAL	EP VOLUME	240	

3. Form of certification of applicants for higher education

The certification of graduates of the educational program of the specialty 076 "Entrepreneurship, trade, and stock activity" is conducted in the form of a qualifying examination and ends with the issuance of a standard document of awarding a bachelor's degree with a qualification: a higher education degree bachelor specialty "Entrepreneurship, trade, and stock activity" specialization "Wholesale and retail trade ".

The certification is carried out openly and publicly.

	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	CC 22	CC 23	CC 24	CC 25
GC 1		х		x	х			x			x			х	х	х	х	х		х	х		x	х	
GC 2				х	х		х		х	х														Х	
GC 3		Х	Х								Х			Х	Х	Х	Х	Х	Х	Х	х	х		Х	Х
GC 4	Х	Х	Х		Х	Х	Х	Х			Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
GC 5	х	Х			х		Х				Х	Х	х	Х	Х	Х	Х	Х	Х	Х	х	х			
GC 6	х																								
GC 7						х				Х		Х	Х												
GC 8								Х						Х	Х	Х	Х	Х		Х	Х		Х	Х	
GC 9	Х							Х						Х	Х	Х	Х	Х		Х	Х		Х		
GC 10			Х		Х			Х			Х			Х	Х	Х	Х	Х		Х	Х	Х	Х	Х	
GC 11								х						х			Х	Х		х			х	Х	Х
GC 12	Х				Х			х									Х						х	Х	
PC 1			Х		Х			Х	Х		Х			Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	
PC 2								х			Х			х		Х				х	Х				
PC 3								х			х			х		Х					х		х		
PC 4												х	х												
PC 5											х			х		Х				х			х		
PC 6		Х	Х					х	х		х			х	х	Х	Х	Х	Х	х	х	х	х	Х	х
PC 7		Х	Х		х			х	х		х			х	х	Х	Х	Х		х	х	х	х	Х	
PC 8		Х	Х		х			Х			х			Х	Х	Х	Х	Х		Х	х	х	Х	Х	x
PC 9																	Х	Х					Х		
PC 10			Х															Х	Х		Х	Х			Х
PC 11		Х	Х		Х		Х	Х	Х		Х	Х	Х	Х	Х	Х		Х	Х	Х				Х	
PC 12								x			Х			х		Х	Х	Х		х	Х			Х	
PC 13							Х							Х	Х				Х	Х	х				
PC 14								Х			Х			Х		Х	Х	Х		Х	х		Х	Х	X
PC 15		Х			х			Х	х		Х	Х	Х	Х	Х	Х	Х			Х	х	Х		Х	
PC 16			Х								х			Х	х		Х	Х	Х	Х				Х	
PC 17		Х	Х								Х			х				Х		Х		х			

4. Program Competences and EP Componernts Matrix

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	OB 1.1	OB 1.2	OB 1.3	OB 2	OB 2.2	OB 2	OB 2.4	OB 2.5	OB 2.6	OB 2.7	OB 2.8	OB 2.9	OB 3.1	OB 3.2	OB 3.3	OB 3.4	OB 3.5	OB 3.6	OB 3.7	OB 3.8	OB 3.9	OB 4.1	OB 4.2	OB 4.3	OB 4.4	OB 5.1	OB 5.2	OB 6.1	OB 6.2	OB 7.1	OB 7.2	OB 8.1	OB 8.2	OB 9.1	OB 9.2	OB 10.1	OB 10.2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	С	0	0	0	0	0	ō	ō
GC 1	х	х	х					х			х						х	х	х	х	х						х	х		х	х					х	х
GC 2				х	х	х			Х		Х	х	х	х	х		х	х	Х	х	х			х	х	х	х								i İ		
GC 3	Х																											х	Х						Х		
GC 4		х	х														х					х	х	х	х	х	х	х	Х			Х	х	Х	Х	х	х
GC 5	х	х	х	х	х								Х	х							х	Х	х	х	х	х		х	Х			Х	Х	Х	Х	Х	х
GC 6							Х			Х					х																				Ī		
GC 7																						Х	х			х								Х			
GC 8						Х										х										х				х	х						
GC 9													Х	Х		Х				Х	Х											Х			i l		
GC 10	Х																									Х			Х				Х		Х		
GC 11																												х	Х			Х	Х		i l		
GC 12																																Х			i l		
PC 1																	х	х	Х	х	Х																
PC 2																																					
PC 3																										х											
PC 4																						Х	Х											Х			
PC 5																																			х		
PC 6													х	х																		х			1		
PC 7	х																х							х											1		
PC 8																													х						х		
PC 9																				х															х		
PC 10																												х							1		
PC 11																																					
PC 12																																			шJ		
PC 13																														х	х			Х	<u> </u>		
PC 14																																Х	Х		Х		
PC 15																																			Х		
PC 16	Х																																	Х	Х		
PC 17																																					

5. Program learning outcomes (PLO) and EP Componernts Matrix

	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	CC 22	CC 23	CC 24	CC 25
PLO 1	x																								
PLO 2																									
PLO 3							x																		
PLO 4				x																					
PLO 5																									
PLO 6												x													
PLO 7			x							x									x	x	x	x			
PLO 8		x							x		x														
PLO 9																			x			х			
PLO 10										x															
PLO 11					x																				
PLO 12												х	x												
PLO 13															х										
PLO 14						x		x			x			x		x				x	х				x
PLO 15																	x								
PLO 16																								х	
PLO 17																							x		
PLO 18																									
PLO 19																									
PLO 20																		х							

	OB 1.1	OB 1.2	OB 1.3	OB 2.1	OB 2.2	OB 2.3	OB 2.4	OB 2.5	OB 2.6	OB 2.7	OB 2.8	OB 2.9	OB 3.1	OB 3.2	OB 3.3	OB 3.4	OB 3.5	OB 3.6	OB 3.7	OB 3.8	OB 3.9	OB 4.1	OB 4.2	OB 4.3	OB 4.4	OB 5.1	OB 5.2	OB 6.1	OB 6.2	OB 7.1	OB 7.2	OB 8.1	OB 8.2	OB 9.1	OB 9.2	OB 10.1	OB 10.2
	0	0	0	0	0	С	0	0	0	0	0	0	С	С	С	0	С	0	С	С	C	0	U	0	C	0	0	0	0	0	0	0	0	0	0	0	0
PLO 1	х						Х			х																											
PLO 2				х	х				х			х																									
PLO 3																										Х				х	х						
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PLO 5																								х			Х										
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PLO 12																						х	х											Х			
PLO 13																								х	х											Х	х
PLO 14																													х								1
PLO 15																																х			х		
PLO 16													х	х						х																	
PLO 17																																	х				
PLO 18								Х					Х	х	х	х			х																		
PLO 19													х	х	х	Х			х																		
PLO20																												Х	Х					Х			