

4. Educational Program

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Kyiv National University of Trade and Economics		
Faculty of International Trade and Law		
EDUCATIONAL – PROFESSIONAL PROGRAM		
Specialization	«Computer science and information technologies»	
Speciality	122 «Computer science and information technologies»	
Field of knowledge	12 «Information technologies»	
Level of higher education	Second	
Degree of higher education	Master	
Total number of credits	90	
Training period	17 months	
1	Requirements for the level of education of persons who begin training in educational and professional program	
	<ul style="list-style-type: none"> – bachelor in computer science and information technologies; – conditions of admission to the program are governed by the Rules of admission to KNUTE 	
2	List of academic disciplines	
	Academic disciplines	ECTS credits (for every subjects)
		<i>Position in a logical sequence of studying (year of training)</i>
	1. Financial management	4,5
	2. Situation financial risk modeling	10,5
	3. Business process reengineering in international trade	13,5
	4. Methods, technology of design and information systems management	4,5
	5.1 Methods of teaching in higher schools	3
	5.2 Methodology and organization of scientific research	3
	5.3 International legal regulation of Intellectual property	3
		1

	6.1 Labor Law	4,5	1
	6.2 Information Law	4,5	1
	7.1 Technology of partitioned database development and knowledge	4,5	1
	7.2 Corporate information separated systems	4,5	1
	8.1 Decision support system	3	1
	8.2 Grid-systems and Technology of cloud computing	3	1
	9.1 Psychology of business	3	1
	9.2 Psychology of business communication	3	1
	10. Modern control theory in data system	4,5	2
	11.1 Foreign trade engineering	4,5	2
	11.2 European integration	4,5	2
	Practical Training, including:	12	
	Practical Training	9	1
	Practical Training (pre-diploma)	3	2
	Form of attestation of those who acquire higher education	Defense of final qualifying work	
	Compulsory subjects percentage	75 %	
3	Key learning outcomes		
	Competency which Master must possess		
	general	<ul style="list-style-type: none"> - the ability to get information about scientific discoveries, to track new scientific developments, to implement analysis, to predict their possible application in practice; - full knowledge of a Business foreign language; - the ability to use modern information technology to the system, functional, constructive and technological design; - capacity for self-learning and continuing professional development; - the ability to properly and fully reflect the results of professional activity in technical and other documentation; - compliance with the requirements of 	

		Corporate Ethics and teamwork skills.
	Professional	<ul style="list-style-type: none"> - the ability to develop organizational , functional, information and managerial models of business process ; - knowledge of modern construction methods and analysis of efficient algorithms and the ability to implement them in the problems of international trade; - the ability to formalize problems of international trade; - the ability to analyze business processes of international trade and their modeling; <ul style="list-style-type: none"> – the ability to apply mathematical justification methods and to make managerial and technical decisions in different situations ; – the ability to design and use of decision support systems ; – the ability to develop integrated information solutions for businesses and organizations, including the design of computer networks; – the ability to design data processing systems and management using network solutions, hardware platforms and software products of leading world manufacturers; – the ability to introduce research in computer science and information technology.