

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL TECHNICAL UNIVERSITY
"KHARKIV POLYTECHNIC INSTITUTE"



EDUCATIONAL AND PROFESSIONAL PROGRAM
"BUSINESS ADMINISTRATION (in English)"

Second (master's) level of higher education
in the specialty 073 - Management
fields of knowledge 07 – Management and administration
Master of Management qualification

APPROVED
BY THE ACADEMIC COUNCIL OF
NTU "KhPI"

Head of the academic council

 Leonid TOVAZHNYANSKY

Protocol No. 4 dated

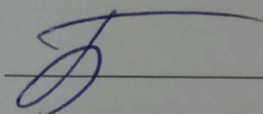
" 05 " 05 2023

PAGE OF AGREEMENT
educational and professional program

Level of higher education	Second (master's)
Discipline	07 Management and administration
Specialty	073 "Management"
Specialization	Business administration
Qualification	Master of Management

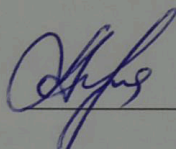
DEVELOPED

Working group in the specialty "Management"
Guarantor of the educational program


Pavlo BRIN
" 04 " 04 2023

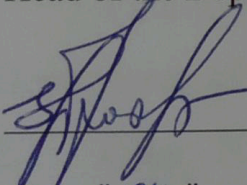
RECOMMENDED

Methodical Council of NTU "KhPI"
Deputy Chairman of the Methodical
Council


Ruslan MIGUSHCHENKO
" 04 " 04 2023

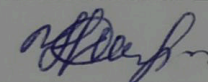
AGREED BY

Head of the Department of Management


Olena PROKHORENKO
" 04 " 04 2023

AGREED BY

Director of the Educational and Scientific
Institute of Economics, Management and
International Business


Natalia KRASNOKUTSKA
" 04 " 04 2023

APPROVED BY

Order of the Rector of the National Technical University "Kharkiv Polytechnic Institute"
No 168 02 dated " 09 " 05 2023.

This educational and professional programme may not be fully or partially reproduced, duplicated and distributed without the permission of the National Technical University "Kharkiv Polytechnic Institute".

PREFACE

The educational-professional programme (EP) was developed on the basis of the Higher Education Standard for the specialty 073 "Management" for the second (master's) level (order of the Ministry of Education and Science of Ukraine No. 959, July, 10th, 2019) by the working group of Department of Management of Educational and Scientific Institute of Economics, Management and International Business, National Technical University "Kharkiv Polytechnic Institute»:

Head of the working group–Olena PROKHORENKO, PhD in Economics, Associate Professor, Head of Department of Management

Guarantor of the program– Pavlo BRIN, PhD in Economics, Associate Professor, Professor of Department of Management.

Members of the working group:

1. Valentyn KOVSHIK, PhD in Economics, Associate Professor of Department of Management
2. Olha NASHCHEKINA, PhD in Physics and Mathematics, Associate Professor, Associate Professor of Department of Management
3. Mariia ZAMULA, student of EP "Business-administration (in English)

**I. PROFILE OF THE EDUCATIONAL PROGRAMME
IN SPECIALTY 073 – MANAGEMENT**

1 - General information	
Higher educational institution and structural unit	National Technical University "Kharkiv Polytechnic Institute", Educational and Scientific Institute of Economics, Management and International Business, Department of Management
The degree of higher education and the title of the qualification in the original language	Master, Master of Management
The official name of the educational programme	Educational and professional programme "Business administration (in English)"
Type of diploma and scope of the educational programme	Single, 90 ECTS credits, 1 year 4 months
Availability of accreditation	ND certificate No. 2192126, valid until July 1, 2025
Cycle/level	NFQ of Ukraine – Level 7, EQF LLL – Level 7; QF EHEA – second cycle
Prerequisites	Possession of a bachelor's or master's degree (specialist)
Language of teaching	English
The term of validity of the educational program	According to the validity period of the accreditation certificate
The Internet is the address of permanent placement of the description of the educational program	https://web.kpi.kharkov.ua/mto/educational-programs/business-administration/
2 - The purpose of the educational program	
To prepare specialists who are fluent in English and are able to identify and solve complex tasks and problems in the field of management or in the learning process, which involve conducting research and/or implementing innovations and are characterized by uncertainty of conditions and requirements.	
3 – Characteristics of the educational program	
Subject area (field of knowledge, specialty, specialization)	07 Management and administration 073 Management
Orientation of the educational programme	Educational and professional programme with applied orientation. Professional emphases: formation of the ability to carry out administrative, entrepreneurial, project and research activities using innovative approaches and methods of managing organizations, ensuring the needs of enterprises and institutions through an effective working technology of cooperation due to the continuity of scientific research traditions and schools; promoting the harmonious development of the individual and ensuring the training of a new generation of professionals capable of comprehensively combining research, project and entrepreneurial activities due to deep assimilation of fundamental knowledge.

The main focus of the educational programme and specialization	General education in specialty 073 "Management". Keywords: management, organization, leadership, decisions, project management, strategy, systemic and critical thinking, change management, corporate management.
Features of the program	The programme is taught in English using modern foreign literature; the programme is aimed at ensuring the competitiveness of enterprises in the conditions of globalization; the programme takes into account modern trends in the development of the economy both at the national and global levels; the programme should provide training of specialists for organizations of various spheres of activity, forms of ownership and scale.
4 – Suitability of graduates for employment and further education	
Suitability for employment	Graduates can work in the following groups of professions (according to the National Classifier of Professions DK 003:2010): 12. Heads of enterprises, institutions and organizations. 13. Managers of small enterprises without a management apparatus. 14. Managers (managers) of enterprises, institutions, organizations and their divisions. 23. Teachers. 24. Other professionals.
Further education	It is possible to continue education at the third (educational and scientific) level of higher education, as well as to improve qualifications and obtain additional postgraduate education
5 – Teaching and assessment	
Teaching and learning	Student-centered education, which is conducted in the form of lectures, seminars, practical classes, consultations, independent study, completion of coursework based on the study of textbooks, manuals, periodical scientific publications, use of the Internet.
Assessment	Final control and continuous assessment control and individual tasks, testing, etc.), differentiated grading and exams (oral and written), presentations, defense of the practice report, public defense of the qualification work. A rating system is used.
6 – Programme competencies	
Integral competence	The ability to solve complex tasks and problems in the field of management or in the learning process, which involves conducting research and/or implementing innovations and is characterized by the uncertainty of conditions and requirements
General competences	GC1. The ability to conduct research at the required level; GC2. The ability to communicate with representatives of other professional groups of different levels (with experts in other areas of knowledge / types of economic activity); GC3. Skills in using information and communication technologies; GC4. The ability to motivate people and to move towards a common goal; GC5. The ability to act on the basis of ethical considerations (motives); GC6. The ability to generate new ideas (creativity); GC7. The ability for abstract thinking, analysis and synthesis.

<p>Special (professional) competencies of the specialty (defined by the standard of higher education of the specialty)</p>	<p>SC1. The ability to choose and use relevant management concepts, methods and tools, in particular those corresponding to the set goals and international standards; SC2. The ability to define values, vision, mission, goals and the criteria, which can be used by an organization for choosing directions for future development, to create and implement corresponding strategies and plans; SC3. The ability for self-development, life-long learning and effective self-management; SC4. The ability to efficiently use and develop organizational resources; SC5. The ability to create and organize effective communications in the management process; SC6. The ability to develop leadership qualities and demonstrate them in the process of managing people; SC7. The ability to develop and manage projects, take the initiative and demonstrate entrepreneurial capability; SC8. The ability to use psychological technologies for working with personnel. Additionally for the educational program SC9. The ability to analyze and structure organizational problems, make effective organizational decisions and ensure their implementation; SC10. The ability to manage an organization and its development</p>
<p>Special (professional) competences according to selective block 01 "Business Management" (determined by the institution of higher education)</p>	<p>SC1.1. The ability to develop a business-strategy for an organization and functional strategies for the main strategic business units SC1.2. The ability to choose an effective strategic advantage corresponding to the external and internal environment of a company</p>
<p>Special (professional) competences according to selective block 02 "Business process management " (determined by the institution of higher education)</p>	<p>SC2.1. The ability to assess the effectiveness of an enterprise's functional areas and to choose the ways for improving SC2.2. The ability to manage an enterprise's business-processes, including the selection of the most efficient supplier either inside or outside the organization</p>
<p>7 – Programme learning outcomes</p>	
<p>Program results of studies in the specialty (determined by the standard of higher education of the specialty)</p>	<p>LO01. To critically assess, select, and use appropriate scientific, methodological and analytical tools for managing under conditions of unpredictability; LO02. To identify organizational problems and justify methods for solving them; LO03. To design effective management systems for organizations; LO04. To justify and manage projects, generate entrepreneurial ideas; LO05. To plan an organization's activities from both strategic and tactical perspectives;</p>

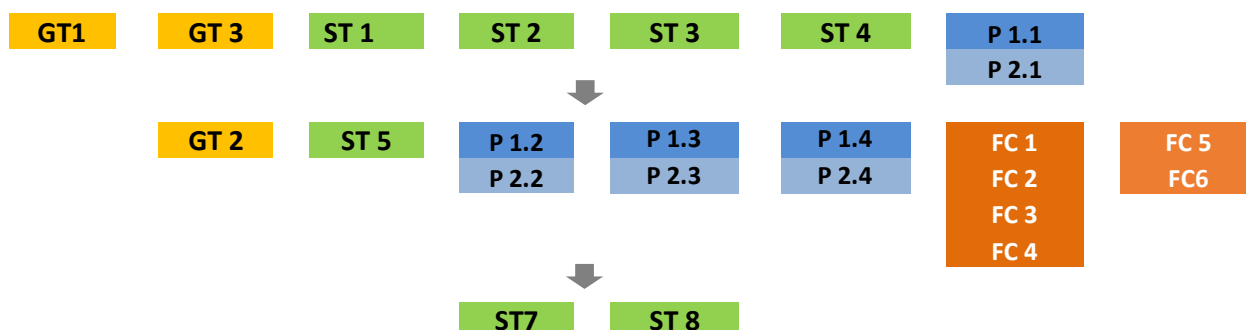
	<p>LO06. To possess the skills in making, justifying, and ensuring the implementation of managerial decisions under unpredictable conditions, taking into account the requirements of the current legislation, ethical considerations and social responsibility;</p> <p>LO07. To organize and carry out effective communications within the team, with representatives of various professional groups and in the international context;</p> <p>LO08. To use specialized software and information systems for solving problems related to management of organizations;</p> <p>LO09. To be able to communicate in professional and academic circles in the official language of Ukraine and in a foreign language;</p> <p>LO10. To demonstrate leadership skills and the ability to work in a team, interact with people, influence their behavior for solving professional tasks;</p> <p>LO11. To ensure professional self-development and personal time planning;</p> <p>LO12. To be able to delegate authority in an organization (unit) ;</p> <p>LO13. To be able to plan and provide informational, methodological, material, financial and staffing support for an organization (unit)</p>
Program learning outcomes for optional block 01 «Business Management» (defined by the higher education institution)	<p>LO1.1. To demonstrate the skills in developing a business strategy for an organization</p> <p>LO1.2. To be able to identify the most effective functional strategies for an organization</p> <p>LO1.3. To be able to perform comprehensive business diagnostics of an enterprise</p>
Program learning outcomes for optional block 02 « Business process management» (defined by the higher education institution)	<p>LO2.1. To be able to assess the effectiveness of functional areas of an enterprise</p> <p>LO2.2. To be able to assess the efficiency of business processes of an enterprise and to select the most efficient supplier either within or outside the organization</p> <p>LO2.3. To be able to manage an enterprise's business processes on the basis of the TQM principles</p>
8 – Resource support for programme implementation	
Staff support	Meets the personnel requirements for ensuring the implementation of educational activities in the field of higher education in accordance with the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of Licensing Conditions for the Implementation of Educational Activities of Educational Institutions" dated December 30, 2015 No. 1187 (as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine No. 365 dated March 24, 2021). The programme is staffed by teachers who have language certificates at the B2 level or higher.
Material and technical support	Meets the personnel requirements for ensuring the implementation of educational activities in the field of higher education in accordance with the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of Licensing Conditions for the Implementation of Educational Activities of Educational Institutions" dated December 30, 2015 No. 1187 (as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine No. 365 dated March 24, 2021).

Informational, educational and methodological support	Meets the personnel requirements for ensuring the implementation of educational activities in the field of higher education in accordance with the current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On Approval of Licensing Conditions for the Implementation of Educational Activities of Educational Institutions" dated December 30, 2015 No. 1187 (as amended in accordance with the Resolution of the Cabinet of Ministers of Ukraine No. 365 dated March 24, 2021).
9 – Academic mobility	
National credit mobility	On the basis of bilateral agreements between the National Technical University "Kharkiv Polytechnic Institute" and higher education institutions of Ukraine
International credit mobility	The EP is also conducted within the framework of the EU Erasmus+ programme and provides for academic mobility based on bilateral agreements between the National Technical University "Kharkiv Polytechnic Institute" and the University of Miskolc (Hungary), the University of Maribor (Slovenia); Sapienza University (Rome, Italy), University of Western Attica (Technical University of Piraeus), Greece
Training of foreign students of education	Provides for the possibility of teaching foreign citizens in English

2. List of components of the educational and professional programme

Code n/a	Components of the educational programme	Number of credits	Final control form
1	2	3	4
Mandatory EP components			
<i>1.1. General training</i>			
GT 1	Fundamentals of scientific research	4	Differentiated grading
GT 2	Business ethics and social responsibility	4	Differentiated grading
GT 3	Information systems and technologies in management	4	Exam
<i>1.2. Special (professional) training</i>			
ST1	Management of organizations	5	Exam
ST2	Strategic change management	5	Exam
ST3	Project management	4	Exam
ST4	Leadership and conflict management	4	Exam
ST5	Business diagnostics	4	Differentiated grading
ST7	Pre-diploma practice	15	Differentiated grading
ST8	Attestation	15	Exam
The total volume of mandatory components:		64	
2.1. Professional training of EP			
Profiled package of disciplines 01 "Business Management"			
P1.1	Human resource management and organizational behavior	4	Differentiated grading
P1.2	Marketing management	4	Exam
P1.3	Logistics management	4	Exam
P1.4	Crisis management	4	Exam
Profiled package of disciplines 02 " Business processes management"			
P2.1	Operational management (advanced course)	4	Differentiated grading
P2.2	Business processes management	4	Exam
P2.3	Outsourcing of business processes	4	Exam
P2.4	Total quality management	4	Exam
2.2. Disciplines of the student's free choice of specialized training according to the list		10	
FC1	Management (advanced course)	5	Differentiated grading
FC2	Strategic innovations	5	Differentiated grading
FC3	Competitiveness management	5	Differentiated grading
FC4	Risk management	5	Differentiated grading
FC5	Mathematical modeling in management	5	Differentiated grading
FC6	International management	5	Differentiated grading
The total volume of selective components:		26	
GENERAL AMOUNT OF THE EDUCATIONAL PROGRAMME:		90	

3. STRUCTURAL AND LOGICAL SCHEME OF THE EDUCATIONAL PROGRAM



4. DISTRIBUTION OF THE CONTENT OF THE EDUCATIONAL PROGRAMME BY COMPONENT GROUPS AND TRAINING CYCLES

No n/p	Training cycle	The volume of the educational load of the student of higher education (credits / %)		
		Mandatory components of the educational and professional programme	Elective components of the educational and professional programme	Total for the entire period of study
1	2	3	4	5
1	Cycle of general training	12 / 13,3	-	12 / 13,3
2	Cycle of professional and practical training	52/57.8	26 / 28.9	78 / 86.7
Total for the entire period of study		64 / 71.1	26 / 28.9	90 / 100.0

5. FORM OF CERTIFICATION OF HIGHER EDUCATION APPLICANTS

Attestation of the higher education applicants studying within the educational and professional programme "Business administration (in English)" specialty 073 "Management" is carried out in the form of a public defense of the qualification work and ends with the issuance of a document of the established form on awarding them a master's degree with the qualification: master of management.

6. Matrix of correspondence of programme competencies to the components of the educational programme

	GT 1	GT 2	GT 3	ST 1	ST 2	ST 3	ST 4	ST 5	ST 7	ST 8	P 1.1	P 1.2	P 1.3	P 1.4	B 2.1	B 2.2	B 2.3	B 2.4	FC1	FC2	FC3	FC4	FC5	FC6
GC1	+		+	+					+	+	+								+	+	+			+
GC2	+	+		+					+	+	+		+	+	+	+	+					+		
GC3			+			+		+	+	+													+	
GC4		+		+	+		+	+			+		+	+					+	+				
GC5		+	+	+			+						+	+					+		+			
GC6	+	+		+	+	+		+			+	+										+		+
GC7	+			+				+		+	+	+				+	+				+			+
SC1		+		+	+			+	+	+	+		+						+		+			+
SC2					+						+	+				+	+		+		+			+
SC3		+					+							+					+					+
SC4				+	+	+	+					+	+		+	+	+		+	+	+	+	+	
SC5		+					+				+								+					
SC6		+					+							+										
SC7						+		+			+			+			+		+			+	+	
SC8		+					+							+					+					
SC9				+	+				+	+	+	+					+				+	+	+	+
SC10		+		+	+			+	+	+		+	+		+	+			+		+			+
SC1.1											+	+	+	+					+					
SC1.2											+	+	+	+					+					
SC2.1															+	+	+	+	+					
SC2.2															+	+	+	+	+					

7. Matrix of correspondence of programme learning outcomes to the components of the educational programme

	GT 1	GT 2	GT 3	ST 1	ST 2	ST 3	ST 4	ST 5	ST 7	ST 8	P 1.1	P 1.2	P 1.3	P 1.4	B 2.1	B 2.2	B 2.3	B 2.4	FC1	FC2	FC3	FC4	FC5	FC6
LO01	+		+	+	+	+			+	+	+	+			+			+	+	+		+	+	
LO02		+		+	+			+				+	+				+		+	+	+		+	
LO03			+		+	+	+		+	+	+	+				+	+	+			+			+
LO04		+					+	+			+			+								+		
LO05				+	+	+	+				+				+	+	+			+	+		+	+
LO06		+						+					+	+	+	+								+
LO07		+		+				+					+									+		
LO08			+				+													+			+	+
LO09	+			+				+	+	+														
LO10		+					+	+	+	+			+	+										
LO11		+				+	+	+			+		+											+
LO12		+		+			+	+			+			+							+			
LO13			+	+	+	+			+	+		+		+			+	+		+			+	+
LO1.1											+	+	+	+						+				
LO1.2											+	+	+	+						+				
LO1.3											+	+	+	+								+		
LO2.1															+	+	+	+		+		+		
LO2.2															+	+	+	+				+		
LO2.3																		+		+				

8. Matrix of correspondence of programme learning outcomes to programme competencies

	GC 1	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	SC1	SC2	SC3	SC4	SC5	SC6	SC7	SC8	SC9	SC10
LO01	+							+								+	
LO02			+						+								
LO03	+											+					
LO04				+										+			
LO05						+			+		+						
LO06								+								+	
LO07		+			+							+					
LO08			+									+					
LO09					+		+										
LO10													+		+		
LO11										+							
LO12		+		+								+		+	+		+
LO13			+	+		+			+						+	+	



**KHARKIV
IT CLUSTER**

Громадська спілка "Харківський
кластер інформаційних технологій"
вул.Громадянська 11/13,
м.Харків, 61057 Україна
+38 (050) 658-88-46
olga.shapoval@it-kharkiv.com
www.it-kharkiv.com

Рецензія

на освітньо-професійну програму «Бізнес-адміністрування (англійською мовою навчання)» другого (магістерського) рівня за спеціальністю 073 «Менеджмент», підготовка за якою проводиться в Національному технічному університеті «Харківський політехнічний інститут»

Освітньо-професійна програма «Бізнес-адміністрування (англійською мовою навчання)» за спеціальністю 073 «Менеджмент», розроблена кафедрою менеджменту НТУ «ХПІ», заслуговує на високу оцінку й рекомендації для підготовки майбутніх спеціалістів. Програма враховує актуальний стан ринку праці та має на меті формування необхідних компетенцій для успішного працевлаштування й розвитку кар'єри в галузі менеджменту.

Програма є змістовною та гарно підходить для навчання менеджерів у сфері інформаційних технологій, оскільки в переліку дисциплін враховані всі ланки менеджменту. Особливо, хочемо відзначити наявність та важливість дисциплін «Менеджмент організацій», «Управління стратегічними змінами», «Кризовий менеджмент» та «Ризик-менеджмент», цикл знань з яких є важливими для майбутнього фахівця.

Освітньо-професійна програма логічно побудована й містить усі необхідні елементи й гарний перелік вибірових дисциплін. Усі освітні компоненти, передбачені освітньо-професійною програмою «Бізнес-адміністрування (англійською мовою навчання)», розвивають ключові компетентності та відповідають сучасним запитам роботодавців щодо підготовки фахівців ІТ-галузі.

Особливою перевагою програми є високий рівень інтернаціоналізації. Усі дисципліни викладаються англійською мовою, а під час їхнього вивчення використовуються міжнародні кейси. Це допомагає випускникам успішно працевлаштуватися в ІТ-компаніях та міжнародних організаціях. Випускники освітньо-професійної програми «Бізнес-адміністрування (англійською мовою навчання)» продемонстрували себе як старанні та добре підготовлені спеціалісти під час роботи в компаніях Харківського ІТ Кластера. Багато співпрацівників ІТ-компаній обирають саме цю програму для здобуття другої вищої освіти.

Однак, як рекомендація до поліпшення, пропонуємо вмістити до навчальних дисциплін вивчення методології Agile. Agile є актуальною концепцією, яка сприяє створенню комфортних умов для командної роботи та досягненню найкращих

результатів. Опанування цієї концепції буде корисним як для роботи в ІТ-індустрії, так і для управління бізнесом у будь-якій іншій галузі.

Вважаємо, що освітньо-професійна програма магістра «Бізнес-адміністрування (англійською мовою навчання)» за спеціальністю 073 «Менеджмент», підготовка за якою проводиться в Національному технічному університеті «Харківський політехнічний інститут», відповідає до сучасного рівня вимог роботодавців, що дозволяє рекомендувати її до використання для підготовки здобувачів вищої освіти за спеціальністю 073 «Менеджмент».

Виконавчий директор
ГС «Харківський кластер
інформаційних технологій»
2023 рік



Шаповал О.С