

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Aerospace University  
«Kharkiv Aviation Institute»

**APPROVED**

scientific council

National Aerospace University  
«Kharkiv Aviation Institute»

19 April 2017, Protocol № 13  
order № 178 dated 19.04.2017

Entered into force on 01 September 2017

**EDUCATIONAL PROGRAM**

**Management**

**The level of higher education - the first (bachelor's)  
in the specialty 073 "Management"  
in the field of knowledge 07 Management and Administration**

**Qualification: Bachelor of Management in the educational program  
Management**

(as amended in accordance with:

the decision of the Academic Council KhAI protocol № 9 from 20.03.2019;

the decision of the scientific and methodical commission 3 (NMC 3) protocol № 8  
from 17.04.2020;

by the decision of the scientific and methodical commission 3 (NMC 3) protocol № 1  
from 31.08.2020)

The educational program is put in force  
from 01 September 2020

Rector of the National Aerospace University  
«Kharkiv Aviation Institute»

\_\_\_\_\_ M.V. Nechiporuk

31 August 2020

Kharkiv 2020

## PREFACE

Educational and professional program "Management" for the preparation of applicants for the first (bachelor's) level of higher education in the specialty 073 Management at the National Aerospace University "Kharkiv Aviation Institute" was updated in connection with:

– with changes in accordance with the Standard of the Ministry of Education and Science (order of the Ministry of Education and Science № 1165 of 29.10.2018) (approved by the decision of the Academic Council of KHAI of 20.03.2019 protocol № 9);

– with the redistribution of ECTS credits between the components of the educational-professional program and updating the content of the description of the educational program (approved by the decision of the scientific-methodical commission 3 (NMC 3) protocol № 8 from 17.04.2020);

– with a change in the National Qualifications Framework (Resolution of the Cabinet of Ministers of Ukraine of June 25, 2020, No. 519) (approved by the decision of the scientific-methodical commission 3 (NMC 3) protocol № 1 dated 31.08.2020).

Update of the educational-professional program Management was carried out by the group of development and support of OPP of the National Aerospace University "Kharkiv Aviation Institute" consisting of:

- |   |                |                   |   |
|---|----------------|-------------------|---|
| 1 | Group leader   | Doronin Andrey    | - Dr. Econ. Sciences, Professor, Department of Management             |
|   | (guarantor)    | Vitalyevich       |   |
| 2 | Group members: | Samoilenko Inna   | - Dr. Econ. Sciences, Associate Professor, Department of Management   |
|   |                | Alexandrovna      |   |
|   |                | Kamneva Anastasia | - Cand. tech. Sciences, Associate Professor, Department of Management |
|   |                | Vladimirovna      |   |

### members of the working group:

1. Bondareva Tetyana Ivanivna - Candidate of Philology tech. Sciences, Associate Professor, Department of Management
2. Vartanyan Vasil Mikhailovich - Dr. Tech. Sciences, Professor, Department of Management
3. Zelenkov Andriy Viktorovych - Candidate of Philology tech. Sciences, Associate Professor, Department of Management
4. Zeiniev Teymur Gidayatovych - Cand. tech. Sciences, Department of Management
5. Kalinina Olga Mykolayivna - Candidate of Philology econ. Sciences, Associate Professor, Department of Management
6. Kononenko Antonina Viktorivna - Candidate of Philology tech. Sciences, Department of Management
7. Pronchakov Yuriy Leonidovych - Candidate of Philology tech. Sciences, Department of Management
8. Rovinska Nastasya Yuriyivna - Candidate of Philology tech. Sciences, Department of Management
9. Romanenkov Yuriy Oleksandrovych - Dr. tech. Sciences, Professor, Department of Management
10. Skachkova Iryna Anatoliivna - Candidate of Philology tech. Sciences, Associate Professor, Department of Management
11. Feoktistova Olena Ihorivna - Candidate of Philology tech. Sciences, Associate Professor, Department of Management

12. Steinbrecher Daria Alexandrovna - Ph.D. tech. Sciences, Department of Management.

Reviews of external stakeholders (if available):

1

2

---

This educational and professional program may not be fully or partially reproduced, reproduced and distributed without the permission of the National Aerospace University "Kharkiv Aviation Institute"

## INTRODUCTION

According to Art. 1 "Basic terms and their definitions" of the Law of Ukraine "On Higher Education" from 01.07.2014 № 1556-VII (as amended) educational program - a system of educational components at the appropriate level of higher education within the specialty that determines the requirements for the level of education persons who can start studying under this program, the list of disciplines and the logical sequence of their study, the number of ECTS credits required to implement this program, as well as the expected learning outcomes (competencies) that must be mastered by the applicant.

The educational program is used during:

- accreditation of the educational program, inspection of educational activity by specialty and specialization;
- curriculum development, curricula and practices;
- development of diagnostic tools for the quality of higher education;
- determining the content of training in the system of retraining and advanced training;
- professional orientation of applicants for the specialty.

The educational and professional program takes into account the requirements of the Law of Ukraine "On Higher Education" dated 01.07.2014 № 1556-VII (as amended), the Resolution of the Cabinet of Ministers of Ukraine "On approval of the National Qualifications Framework" dated 23.11.2011 № 1341 and establishes:

- volume and term of study of bachelors;
- general competencies;
- professional competencies;
- program learning outcomes;
- the list and volume of academic disciplines for mastering the competencies of the educational-professional program;
- requirements for the structure of academic disciplines.

Educational and professional program is used for:

- drawing up curricula and working curricula;
- formation of individual plans of students;
- formation of working programs of academic disciplines, practices;
- determination of the information base for the formation of diagnostic tools;
- accreditation of educational and professional program;
- internal and external quality control of training;
- certification of bachelors in the educational-professional program "Management" in the specialty 073 "Management".

Users of the educational and professional program:

- applicants for higher education studying at the National Aerospace University "Kharkiv Aviation Institute";
- scientific and pedagogical workers who train bachelors in the educational and professional program Management in the specialty 073 Management at the National Aerospace University "Kharkiv Aviation Institute" ;;
- examination commission of specialty 073 Management of the National Aerospace University "Kharkiv Aviation Institute";
- Admissions Committee of the National Aerospace University "Kharkiv Aviation Institute".

The educational and professional program extends to the departments of the University involved in the training of specialists with a bachelor's degree in the educational and professional program Management in the specialty 073 Management.

## 1 REGULATORY REFERENCES

The educational and professional program is developed on the basis of the following regulations and recommendations:

1.1 Law of Ukraine "On Higher Education". № 1556-UII dated 01.07.2014 (as amended).

1.2 Resolution of the Cabinet of Ministers of Ukraine "On approval of the National Qualifications Framework" dated 23.11.2011 № 1341 (as amended).

1.3 Resolution of the Cabinet of Ministers of Ukraine "On approval of the list of branches of knowledge and specialties in which the training of higher education seekers" from 29.04.2015 № 266.

1.4 Resolution of the Cabinet of Ministers of Ukraine "On approval of the Regulations on the procedure for exercising the right to academic mobility" dated 12.08.2015 № 579.

1.5 National Classifier of Ukraine. Classifier of professions DK 003: 2010, approved by the order of Derzhspozhyvstandart of Ukraine dated 28.07.2010 № 327 (as amended).

1.6 Methodical recommendations for the development of higher education standards, approved by the higher education sector of the Scientific and Methodological Council of the Ministry of Education and Science of Ukraine Minutes of 29.03.2016 № 3 (as amended).

1.7 Regulation "On the organization of the educational process" SUYA KHAI-NOV-P / 005: 2016 of the National Aerospace University "Kharkiv Aviation Institute", approved by the Academic Council of the University on 18.05.2016, protocol № 10.

1.8 A Tuning Guide to Formulating Degree Programme Profiles Including Programme Competences and Programme Learning Outcomes. - Bilbao, Groningen and The Hague, 2010.

1.9 A TUNING-AHELO conceptual framework of expected / desired learning outcomes in engineering. OECD Education Working Papers, No. 60, OECD Publishing 2011. <http://dx.doi.org/10.1787/5kghtchn8mbn-en>

1.10 Development of educational programs. Methodical recommendations / Author: VM Zakharchenko, VI Lugovyi, Yu.M. Rашкевич, Ж.В. Talanova / Ed. V.G. Flint. - Kyiv: State Enterprise "Priorities", 2014. - 120 p.

1.11 Order of the Ministry of Education and Science of Ukraine "On the peculiarities of the introduction of the list of branches of knowledge and specialties for which higher education students are trained, approved by the Cabinet of Ministers of Ukraine dated April 29, 2015 № 266" dated 06.11.2015 № 1151.

1.12 Classification of economic activities: DK 009: 2010. - Valid from 01.01.2012. - (National Classifier of Ukraine).

1.13 Classifier of professions: DK 003: 2010. - Valid from 01.11.2010. - (National Classifier of Ukraine).

1.14 National educational glossary: higher education / 2nd ed., Revised. And extra. / Author: VM Захарченко, С.А. Kalashnikov, VI Луговий, А.В. Stavvysky, Yu.M. Rашкевич, Ж.В. Talanova / Ed .. V.G. Flint. - Kyiv: Pleiades Publishing House LLC, 2014. - 100 p.

1.15 Standard of higher education of Ukraine: first (bachelor's) level, field of knowledge 07 - Management and administration, specialty 073 - Management. Approved Order of the Ministry of Education and Science № 1165 dated 29.10.18: ofits. edition. Kyiv: Ministry of Education and Science of Ukraine, 2018. 14 p.

## 2 PROFILE OF THE EDUCATIONAL PROFESSIONAL PROGRAM "MANAGEMENT" BY SPECIALTY 073 "MANAGEMENT"

1 - General information	
<b>Full name of the higher educational institution and structural subdivision</b>	National Aerospace University "Kharkiv Aviation Institute" Department of Management
<b>Degree of higher education and title of qualification in the original language</b>	Degree of higher education - bachelor Qualification: Bachelor of Management in the educational program "Management"
<b>The official name of the educational and professional program</b>	Management
<b>Type of diploma and scope of educational and professional program</b>	<ul style="list-style-type: none"> <li>- on the basis of complete general secondary education is 240 ECTS credits,</li> <li>- on the basis of the degree "junior bachelor" (educational qualification level "junior specialist") KHAI recognizes and recalculates ECTS credits received within the previous educational program of junior bachelor (junior specialist), amounting to no more than 120 ECTS credits.</li> </ul>
<b>Availability of accreditation</b>	Certificate of accreditation: Series UD № 21008317, issued on January 25, 2019, order of the Ministry of Education and Science of Ukraine dated June 10, 2010 № 16111 (based on the order of the Ministry of Education and Science of Ukraine dated December 19, 2016 № 1565). Accreditation period: until July 1, 2020
<b>Cycle / level</b>	First (bachelor's) NRC of Ukraine - level 6, FQ-EHEA - the first cycle, EQF-LLL - level 6
<b>Prerequisites</b>	A person has the right to obtain a bachelor's degree if he / she has a complete general secondary education or a "junior bachelor" degree (educational qualification level "junior specialist").
<b>Language (s) of instruction</b>	The language of instruction is the state language. In order to create conditions for international academic mobility, it may be decided to teach one or more disciplines in English and / or other foreign languages, while ensuring that students in the relevant discipline know the state language.
<b>Validity of the educational and professional program</b>	Before the introduction of a new educational program
<b>Internet address of the</b>	<a href="https://khai.edu/ua/education/osvitni-programi-i-komponenti/osvitni-programi-bakalavriv/">https://khai.edu/ua/education/osvitni-programi-i-komponenti/osvitni-programi-bakalavriv/</a>

<p><b>permanent placement of the description of the educational-professional program</b></p>	
<p>2 - The purpose of the educational program</p>	
<p>To train highly qualified specialists of modern level capable of carrying out professional activities on the basis of mastering the system of competencies that promote the development of basic management concepts and principles that can think systematically and innovatively, make effective and timely management decisions, be guided by principles of humanity, solve practical problems and complex specialized tasks. management of organizations and their divisions of the aerospace industry in Ukraine (aviation, astronautics, mechanical engineering, information technology), as well as in related industries.</p>	
<p>3 - Characteristics of the educational and professional program</p>	
<p>Subject area</p>	<p><b>Object of study:</b> management of organizations and their departments.  Learning objectives: training of specialists capable of solving practical problems and complex specialized tasks, characterized by complexity and uncertainty of conditions, in the field of management of organizations and their divisions of the aerospace industry in Ukraine (aviation, astronautics, mechanical engineering, information technology) and related fields.  <b>Theoretical content</b> of the subject area: paradigms, laws, patterns, principles, historical prerequisites for management development; concepts of system, situational, adaptive, antisipative, anti-crisis, innovation, project management, etc .; functions, methods, technologies and management decisions in management.  <b>Methods, techniques and technologies:</b> general scientific and specific research methods (calculation-analytical, economic-statistical, economic-mathematical, expert evaluation, factual, sociological, documentary, balance sheet, etc.); methods of realization of management functions (methods of marketing researches; methods of economic diagnostics; methods of forecasting and planning; methods of designing of organizational structures of management; methods of motivation; methods of control; methods of estimation of social, organizational and economic efficiency in management, etc.). management methods (administrative, economic, socio-psychological, technological); technologies for substantiation of management decisions (economic analysis, simulation modeling, decision tree, etc.).  <b>Instruments and equipment:</b> modern information and communication equipment, information systems and software products used in management.</p>
<p>Orientation of the educational-professional program</p>	<p>Educational and professional program for bachelors.</p>
<p>The main focus of the educational and professional program (specialization)</p>	<p>The educational-professional program establishes qualification requirements for social and production activities of graduates of higher education institutions in the specialty 073 Management of the bachelor's degree and state requirements for the properties and qualities of a person who has obtained a certain level of education in the educational-professional program Management.</p>
<p>Features of the program</p>	<p>The educational program is aimed at managing industrial enterprises (on the example of aviation, instrument and machine-building and other enterprises of the Kharkiv region) in the context of increasing the level of their competitiveness and innovative modernization under conditions accelerated informatization of the economy and high variability of external and internal factors using a synergetic approach, the implementation of which is based on the use of the concept of sustainable development and the principles of the knowledge economy. The program is aimed at becoming new quality of partnership between the university and the applicant.,</p>

	enables the balance between the goals and interests of internal and external stakeholders, teaches leadership and creative management, provides a roadmap that leads to success in the global digital space.
<b>4 - Suitability of graduates for employment and further study</b>	
Suitability for employment	Specialists in the specialty in accordance with the qualification of Bachelor of Management in the educational program Management, according to the National Classification of Occupations DK 003: 2010, may hold positions: 343 Management technicians 3411 Corporate Governance Specialist 3436 Assistant managers  3436.1 Assistants to heads of enterprises, institutions and organizations  3436.2 Assistants to heads of production and other main divisions  3436.3 Assistants to managers of small enterprises without management staff
Further training	They have the right to continue their studies at the second (master's) level of higher education. Acquisition of additional qualifications in the system of postgraduate education.
<b>5 - Teaching and assessment</b>	
Teaching and learning	Student-centered learning, self-study, problem-oriented learning is aimed at the development of critical and creative thinking. Lectures, multimedia lectures, laboratory work, seminars, practical classes in small groups, independent work based on textbooks and abstracts, consultations with teachers, preparation qualifying work of the bachelor.
Evaluation	Written or examinations in the form of testing, practice reports, presentations, current (modular) control, public defense of bachelor's qualification work.
<b>6 - Program competencies</b>	
Integral competence	Ability to solve complex specialized problems and practical problems characterized by complexity and uncertainty of conditions in the field of management, in particular the aerospace industry in Ukraine (aviation, astronautics, mechanical engineering, information technology), as well as in related fields or in the learning process application of theories and methods of social and behavioral sciences.
General competence (GC)	GC1 Ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine. GC2 Ability to preserve and multiply moral, cultural, scientific values and increase the achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies. activities for active recreation and a healthy lifestyle. GC3 Ability to abstract thinking, analysis, synthesis. GC4 Ability to apply knowledge in practical situations GC5 Knowledge and reason subject area and understanding of professional activity. GC6 Ability to communicate in the state language both orally and in writing. GC7 Ability to communicate in a foreign language. GC8 Skills in the use of information and communication technologies. GC9 Ability to learn and master modern knowledge. GC10 Ability to conduct research at the appropriate level. GC11 Ability to adapt and act in a new situation. GC12 Ability to generate new ideas (creativity).



	<p>GC13 Appreciation and respect for diversity and multiculturalism.</p> <p>GC14 Ability to work in an international context.</p> <p>GC15 Ability to act on the basis of ethical considerations (motives).</p>
<p>Special (professional) competencies (SC)</p>	<p>SC1 Ability to identify and describe the characteristics of the organization.</p> <p>SC2 Ability to analyze the results of the organization, to compare them with the factors of external and internal environment.</p> <p>SC3 Ability to determine the prospects for the development of the organization.</p> <p>SC4 Ability to identify functional areas of the organization and the relationships between them.</p> <p>SC5 Ability to manage the organization and its departments through the implementation of management functions,</p> <p>SC6 The ability to act socially responsibly and consciously.</p> <p>SC7 Ability to choose and use modern management tools.</p> <p>SC8 Ability to plan the activities of the organization and manage time.</p> <p>SC9 Ability to work in a team and establish interpersonal interaction in solving professional problems.</p> <p>SC10 Ability to evaluate the work performed, ensure their quality and motivate the staff of the organization.</p> <p>SC11 Ability to create and organize effective communications in the management process.</p> <p>SC12 Ability to analyze and structure the problems of the organization, to form sound decisions.</p> <p>SC13 Understand the principles and norms of law and use them in professional activities.</p> <p>SC14 Understand the principles of psychology and use them in professional activities.</p> <p>SC15 Ability to form and demonstrate leadership qualities and behavioral skills.</p> <p>SC16 Ability to maintain a favorable socio-psychological climate in the team, to establish effective interaction in the team, to create favorable conditions for training and self-development of enterprise personnel.</p> <p>SC17 Ability to make non-standard decisions and think creatively and willingness to take responsibility and show leadership qualities;</p> <p>SC18 Ability to continuous and relevant learning, self-development and self-design of the future, the ability to apply knowledge in practice;</p> <p>SC19 Ability to organize and conduct business meetings and negotiations with partners and other economic entities, to maintain business contacts using modern technical means, means of communication and information technology;</p> <p>SC20 Ability to understand the economic basis of the organization, to determine the needs and directions of rational use of resources of the organization.</p> <p>SC21 Ability to apply the tools of investment, innovation and logistics management in conditions of uncertainty</p> <p>SC22 Ability to substantiate management decisions and exercise effective control over their implementation</p> <p>SC23 Ability to formalize the processes of enterprise management and their automation with the help of modern specialized software products.</p> <p>SC24 Ability to develop and manage projects with a guarantee of the quality of work performed;</p> <p>SC25 Ability to organizational and simulation modeling of economic processes based on a systems approach using specialized information technologies.</p> <p>SC26 Ability to assess and forecast the development of foreign economic activity of the enterprise</p> <p>SC27 Ability to ensure timely and effective implementation of production organization tasks, including in the aerospace industry in Ukraine.</p> <p>SC28 Ability to manage the work of industrial enterprises, take responsibility for their decisions within professional competence;</p>
<p>7 - Learning outcomes</p>	
<p>Learning</p>	<p>LO1 - To know their rights and responsibilities as a member of society, to realize the</p>

Outcomes (LO)	<p>values of civil society, the rule of law, human and civil rights and freedoms in Ukraine.</p> <p>LO2 - Preserve moral, cultural, scientific values and increase the achievements of society, use different types and forms of physical activity to lead a healthy lifestyle.</p> <p>LO3 - Demonstrate knowledge of theories, methods and functions of management, modern concepts of leadership.</p> <p>LO4 - Demonstrate skills to identify problems and justify management decisions.</p> <p>LO5 - Describe the content of the functional areas of the organization.</p> <p>LO6 - Identify skills of search, collection and analysis of information, calculation of indicators to justify management decisions.</p> <p>LO7 - Demonstrate organizational design skills.</p> <p>LO8- Apply management methods to ensure the effectiveness of the organization.</p> <p>LO9 - Demonstrate skills of interaction, leadership, teamwork.</p> <p>LO10- Have the skills to justify effective tools to motivate the organization's staff.</p> <p>LO11 - Demonstrate skills of situation analysis and communication in various areas of the organization.</p> <p>LO12 - Assess the legal, social and economic consequences of the organization</p> <p>LO13 - Communicate orally and in writing in state and foreign languages.</p> <p>LO14 - Identify the causes of stress, adapt yourself and team members to a stressful situation, find ways to neutralize it.</p> <p>LO15 - Demonstrate the ability to act socially responsibly and socially consciously on the basis of ethical considerations (motives), respect for diversity and interculturalism.</p> <p>LO16 - Demonstrate skills of independent work, flexible thinking, openness to new knowledge, be critical and self-critical.</p> <p>LO17 - Perform research individually and / or in a group under the guidance of a leader.</p> <p>LO18 - Apply project justification and project management skills.</p> <p>LO19 - Practice the use of modern information and communication technologies in enterprise management</p> <p>LO20 - Apply a logistical approach to managing the resources of organizations and increase their competitiveness</p> <p>LO21 -Demonstrate skills in compiling planning and reporting documentation to ensure the management of the enterprise</p> <p>LO22- Ability to develop tactical and operational plans for current activities, business plan projects; substantiate investment projects and programs of strategic development of an industrial enterprise;</p> <p>LO23- Be able to ensure the process of conducting and concluding foreign trade agreements, using software and information and communication technologies</p> <p>LO24- Have the methods of substantiation of management decisions based on complex economic and financial calculations in the context of ensuring the competitiveness of the enterprise in a changing business environment</p> <p>LO25 - Demonstrate knowledge of the specifics of management in the aerospace industry</p> <p>LO26 - Effectively use the tools and technologies of modern administrative management in the management of operational processes in the divisions of the industrial enterprise, to form and improve the management system of the enterprise</p>
8 - Resource support for program implementation	
Staffing	<p>Scientific and pedagogical workers with scientific degrees and / or academic titles, as well as highly qualified specialists are involved in the implementation of the program.</p> <p>In order to improve the professional level, all scientific and pedagogical workers undergo internships once every five years, including foreign.</p> <p>Meets the personnel requirements for ensuring the implementation of educational activities in the field of higher education in accordance with current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On approval of licensing conditions for educational activities of educational institutions" of December 30, 2015 № 1187)</p>

Material and technical software	<p>Training is carried out in training laboratories, computer classes of the pulse case. Lecture, equipped with projectors and PCs: 313ik, 502ik, 504 ik; Computer classes: 501ik, 509ik, 511ik,</p> <p>Meets the material and technical requirements to ensure the implementation of educational activities in the field of higher education in accordance with current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On approval of licensing conditions for educational activities of educational institutions" of December 30, 2015 № 1187)</p>
Information and educational and methodical software	<p>Information and educational and methodical software:</p> <ul style="list-style-type: none"> <li>–official website of the university: <a href="http://www.khai.edu">http://www.khai.edu</a></li> <li>–wireless access points to the Internet;</li> <li>–unlimited access to the Internet;</li> <li>–scientific library and reading rooms;</li> <li>–Microsoft Windows Server 2012 R2 is a server operating system.</li> <li>–Microsoft Windows 7 Professional is the operating system of the university network client computers.</li> <li>– Microsoft Exchange Server 2010 Enterprise is an e-mail server.</li> <li>–Microsoft SQL Server 2000 - database management system.</li> <li>–Microsoft Windows 8.1 Professional is the operating system of the university network client computers.</li> </ul> <p>The use of virtual learning environment of the National Aerospace University "Kharkiv Aviation Institute" licensed software and author's developments of scientific and pedagogical staff, for example:</p> <ol style="list-style-type: none"> <li>1. Program "Business Automation Software (BAS) »</li> <li>2. 1C: Enterprise Program</li> </ol> <p>Meets informational and educational requirements for ensuring the implementation of educational activities in the field of higher education in accordance with current legislation of Ukraine (Resolution of the Cabinet of Ministers of Ukraine "On approval of licensing conditions for educational activities of educational institutions" of December 30, 2015 № 1187)</p>
9 - Academic mobility	
National credit mobility	Based on bilateral agreements between the National Aerospace University "Kharkiv Aviation Institute" and enterprises of Ukraine, where students practice.
International credit mobility	With educational institutions of ERASMUS + partner countries. Education of citizens of Ukraine abroad is an integral part of education in KHAI, grades obtained abroad are taken into account in KHAI.
Training of foreign applicants for higher education	<p>Within the licensed scope of the specialty and subject to mandatory prior language training.</p> <p>Education of foreign citizens is carried out in the state or English languages. If the education is conducted in the state language, then in certain cases it may be decided to teach one or more disciplines in English and / or other foreign languages, while ensuring the knowledge of students of the discipline in the state language.</p>

### 3. LIST OF COMPONENTS OF THE EDUCATIONAL PROFESSIONAL PROGRAM (EPC) AND THEIR LOGICAL SEQUENCE

#### 3.1 List of OP components

COP code	Components of the educational program (academic disciplines, course projects (works), practices, qualification work)	Number of credits	Form final control
1	2	3	4
<b>1. Mandatory components of the OP</b>			
OK1	Computer Science	4.0	exam
OK2	Mathematics for economists (higher mathematics, probability theory and mathematical statistics)	10.0	exam, exam
OK3	Political Economy	4.0	exam
OK4	Statistics	4.0	exam
OK5	Finances	4.0	exam
OK6	Introduction to the Profession	5.5	<b>test</b>
OK7	Self-management	4.0	<b>test</b>
OK8	Business Economics	4.0	<b>exam</b>
OK9	Marketing	4.0	<b>exam</b>
OK10	Management	4.0	<b>exam</b>
OK11	Microeconomics	4.0	<b>exam</b>
OK12	Macroeconomics	4.0	<b>exam</b>
OK13	Operational management	5.0	<b>exam</b>
OK14	Operations Management (academic year project)	2.0	<b>diff. test</b>
OK15	BJD, labor protection and civil protection	3.0	<b>test</b>
OK16	Basics of ACT	3.0	<b>test</b>
OK17	Information systems and technologies in the professional field	4.0	<b>exam</b>
OK18	Administrative management	4.0	<b>test</b>
OK19	Management (academic year project)	2.0	<b>diff. test</b>
OK20	Logistics	5.0	exam
OK21	Logistics (academic year project)	2.0	<b>diff. test</b>
OK22	Organization of production at an industrial enterprise	4.5	exam
OK23	Theory of Systems and System Analysis	5.5	test
OK24	Aircraft production planning	4.0	exam
OK25	Aircraft Production Planning	2.0	<b>diff. test</b>
OK26	Managerial Decision Making	4.5	<b>exam</b>
OK27	Strategic Management of Enterprise	4.5	<b>exam</b>
OK28	Theory of organizations	6.5	<b>exam</b>
OK29	Innovation management	4.0	exam
OK30	Enterprise competitiveness management	5.0	exam
OK31	Organizational design of human resource management system	4.0	exam
OK32	Organizational design of human resource management system (academic year project)	2.0	diff. test
OK33	Enterprise personnel management	4.0	exam
OK34	Foreign trade	4.0	exam
OK35	Business analytics	4.0	<b>test</b>
OK36	Fundamentals of project management	5.0	<b>exam</b>
OK37	The theory and practice of business planning	4.0	<b>test</b>
OK38	Controlling	3.5	<b>exam</b>
OK39	Quality and risk management in terms of sustainable development	4.5	<b>test</b>
OK40	Academic Training	3.0	test
OK41	Introductory Practical Training	3.0	test
OK42	Production practice	3.0	<b>test</b>
OK43	Bachelor's qualification work	9.0	<b>exam</b>
<b>The total amount of mandatory components:</b>		<b>179</b>	
<b>2. Selective components</b>			

BK1	Optional unit - MINOR	5	exam
BK2	Optional unit - MINOR	5	exam
BK3	Optional unit - MINOR	5	exam
BK4	Optional unit - MINOR	5	exam
Total		20	
<b>2.2. Disciplines of individual student choice</b>			
BK5	Ukrainian studies	3.0	test
BK6	Legal competence	3.0	test
BK7	Humanities or Economic Elective Course	3.0	<b>test</b>
BK8	Mathematical Elective Block	5.0	<b>exam</b>
BK9	Formation of a systemic scientific worldview	3.0	<b>test</b>
BK10	Communications	3.0	<b>test</b>
BK11	Language Competences (Foreign Language)	3.0	<b>test</b>
BK12	Language Competences (Foreign Language)	3.0	<b>test</b>
BK13	Discipline of individual choice 1	5.0	<b>exam</b>
BK14	Discipline of individual choice 2	5.0	<b>test</b>
BK15	Discipline of individual choice 3	5.0	<b>test</b>
Total		41	
<b>The total amount of sample components:</b>		<b>61</b>	
<b>TOTAL VOLUME OF THE EDUCATIONAL PROGRAM</b>		<b>240</b>	

### 3.2 Structural and logical scheme of OP

The structural and logical scheme (Appendix A) of the educational program reflects the sequence of studying its components, both mandatory and optional. The applicant of higher education chooses an individual learning trajectory which is realized through the selection of selective components.

### 3.3 Mandatory components and their content in the structure of the curriculum of the educational programme for semesters

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
<b>And the semester</b>					
1	EC1	Computer Science	<p><b>Purpose:</b> formation of students of modern level of information and computer culture, acquisition of practical skills of work on modern computer equipment and use of modern information technologies for the decision of various problems in practical activity on a specialty.</p> <p><b>Objectives:</b> mastering the knowledge of theoretical and practical basics in the field of information processing; ability to use computer equipment and modern application software.</p>	GC3 GC5 GC8	SC23
2	EC3	Political Economy	<p><b>Purpose::</b> elucidation of the general principles of socio-economic development of society in general and the organization of the market economy in particular, the logic of the functioning of market relations in specific economic systems, the contradictions of business management.</p> <p><b>Objectives:</b> disclosure of the socio-economic essence of society and the essence of its development; definition of laws and principles that regulate the behavior of people and their relationships in the production, distribution, exchange and consumption of various goods; equipping society with the economic knowledge necessary to make the right fundamental decisions.</p>	GC1 GC2 GC4 GC6	SC6 SC13
3	EC7	Self-management	<p><b>Purpose:</b> acquisition of competencies to assess life situations and formulate life goals; manage emotional and volitional potential; plan and organize their activities; use working time effectively; work with information; effectively interact with subordinates, colleagues, management, organize and effectively conduct business events; to influence interlocutors; establish and maintain business contacts.</p> <p><b>Objectives:</b> to consider the conceptual and categorical apparatus, essence, components and</p>	GC13 GC15	SC6 SC14 SC15 SC16 SC17 SC18 SC19

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			mechanisms of functioning of self-management as a process of ability of the person to self-development and means of improvement of administrative work; to consider modern tendencies concerning formulation of policy of self-management, management of self-development of the person, effective management of own resources (time, space, communications, finances); consider integration into the organization and leadership and explore the main approaches to understanding the content of thinking management methods, business ethics (social responsibility; relationships with subordinates, business partners).		
4	EC2	<b>Mathematics for economists (higher mathematics, probability theory and mathematical statistics)</b>	<b>Purpose:</b> formation of a system of theoretical knowledge and practical skills on the basics of mathematical apparatus used in planning, organization and management of production, product quality assessment, systematic analysis of economic structures and technological processes. <b>Objectives:</b> study of mathematical quantities, theories, methods used to solve economic problems, mathematical methods of systematization, processing and application of statistical data for scientific and practical conclusions.	GC3 GC10	SC12 SC25
5	EC6	<b>Introduction to the Profession</b>	<b>Purpose:</b> to give knowledge about the possibilities of forming effective management activities on the basis of personal effectiveness, to show the place and role of managerial leadership in the system of organizational relations and to provide tools for building a project team. <b>Objectives:</b> to study methods and means of human resources management of projects, as well as communication links between them.	GC2 GC9 GC10 GC13 GC15	SC3 SC4 SC6 SC15
<b>II semester</b>					
6	EC11	Microeconomics	<b>Purpose:</b> the course is aimed at the formation of future managers of system knowledge and understanding of the basic provisions of modern theory of production activities of economic entities, awareness of the need and mechanism of its practical application <b>Objectives:</b> market economic worldview and methods of economic decision-making in the presence of limited resources and alternative	GC3 GC4 GC5 GC10	SC1 SC2 SC3 SC4 SC20

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			opportunities for their use.		
7	EC2	Mathematics for economists (higher mathematics, probability theory and mathematical statistics)	<p><b>Purpose:</b> to study methods that allow analytical research of mathematical models in economics (correctness, completeness, complexity, etc.)</p> <p><b>Objectives:</b> study of mathematical quantities, theories, methods, which in phenomena, processes, bodies make it possible to investigate the most general properties, abstracting from those properties that are not essential.</p>	GC3 GC10	SC12 SC25
8	EC16	Basics of Aerospace Engineering	<p><b>Purpose:</b> providing methodological foundations of production technology, the formation of concepts and ideas about modern production technology.</p> <p><b>Objectives:</b> basic principles of construction and development of technological systems and use of technologies as components of production systems; basics of construction of resource-saving and waste-free technologies, principles of environmental protection as a constant component of the technological system.</p>	GC4 GC5	SC3 SC4 SC24 SC25
9	EC9	Marketing	<p><b>Purpose:</b> formation of knowledge about the basic categories of marketing, methodological aspects of the organization of marketing activities and its priorities in modern conditions.</p> <p><b>Objectives:</b> study of the theory, methods and practice of marketing management of enterprises in the consumer goods market, product, price, sales, communication policy, personnel policy in the field of enterprise marketing.</p>	GC3 GC4 GC5 GC8 GC12	SC3 SC8
10	EC28	Theory of organizations	<p><b>Purpose:</b> formation of modern (based on a systematic approach) worldview on the creation, functioning and evolution of organizations, the formation of students' holistic understanding of the laws of development, principles and mechanisms of functioning of organizations, as well as students' special knowledge and skills of researching organizations and developing recommendations for improving their functioning required for professional activities.</p> <p><b>Objectives:</b> main aspects of the theory of organization and systems analysis as fundamental elements of the scientific basis of management. The methodology of scientific research of organizational processes and</p>	GC3 GC4 GC5	SC1 SC2 SC7 SC12 SC14



№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			organizational relations is analyzed. The organization is considered as a system represented by an objective structure, and as a process, ie as a management function.		
11	EC40	Academic Training	<p><b>Purpose:</b> to acquaint students with the process of creating an enterprise; gain professional knowledge and skills that will help in the study of theoretical courses of disciplines.</p> <p><b>Objectives:</b> performance of general management functions and formation of skills provided by parts of educational and qualification characteristics, practical use of knowledge acquired in accordance with the educational and professional program in certain primary positions.</p>	GC9 GC10 GC13 GC15	SC3 SC4 SC6 SC15
III semester					
12	EC8	Business Economics	<p><b>Purpose:</b> formation of the ability to think independently, make management decisions, perform complex economic calculations for the effective implementation of economic activities at the enterprise level.</p> <p><b>Objectives:</b> study of economic processes occurring in the production and commercial systems of enterprises; consolidation of a complex of economic knowledge and mastering the achievements of the theory and practice of enterprise management.</p>	GC3 GC4 GC10	SC12
13	EC12	Macroeconomics	<p><b>Purpose:</b> The course is aimed at considering the mechanism of functioning of the national economy on the basis of macroeconomic theories, concepts, models, substantiated by world and domestic science and tested in practice.</p> <p><b>Objectives:</b> mechanism of functioning of the national economy on the basis of macroeconomic theories, concepts, models, substantiated by world and domestic science and tested in practice</p>	GC2	SC2 SC20
14	EC10	Management	<p><b>Purpose:</b> formation of students' modern managerial thinking and a system of special knowledge in the field of management, understanding of the conceptual foundations of system management of organizations; acquisition of skills of analysis of internal and external environment, making adequate management decisions.</p> <p><b>Objectives:</b> training students on: the essence of</p>	GC2 GC3 GC4 GC5 GC12 GC15	SC5 SC7 SC8 SC9 SC10 SC11 SC12 SC15

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			the basic concepts and categories of management and governance laws, the natural principles and functions of management; management methods systems; content processes and management technologies; basics of planning, motivation and control; organization of interaction and powers; decision making in management; information support of the management process; leadership and leadership, management styles; ethics and responsibility in management; management efficiency.		
15	EC5	Finances	<p><b>Purpose:</b> formation of a system of theoretical knowledge and practical skills about the current patterns in the field of public finance, business finance, public finance, monetary - credit relations, the disclosure of ways to use these relations in business practice.</p> <p><b>Objectives:</b> study of theoretical bases and forms of functioning of finances, mastering of the basic receptions and methods used for effective management of financial resources of a society; coverage of the theoretical foundations of functioning in a market economy of such economic categories as money, credit, money, financial and foreign exchange markets, as well as determining on this basis the methodological foundations of formation, development and operation of banking, monetary, currency and credit systems.</p>	GC3 GC4 GC5 GC6 GC8 GC9	SC9
16	EC4	Statistics	<p><b>Purpose:</b> providing knowledge of statistical methods of collecting, processing and analyzing information on socio-economic phenomena and processes that should be used in modern conditions in conducting statistical research.</p> <p><b>Objectives:</b> study of methodological and methodological issues of statistical research of socio-economic processes, principles of organization of statistical observations, methods of calculation of indicators, methods of statistical analysis and presentation of information.</p>	GC3 GC9	SC10 SC12 SC25

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
17	EC23	Theory of Systems and System Analysis	<p><b>Purpose:</b> to study the general theory of systems and systems approach, to acquire practical skills of systems research and organizational design of enterprises and organizations with the help of special information technologies.</p> <p><b>Objectives:</b> theoretical and practical training of students on: general systems theory and systems approach; description of the content and construction of models of functional areas of activity, organizational design of enterprises and organizations using special software, implementation of quality management systems.</p>	GC3 GC4 GC5 GC8 GC10	SC1 SC2 SC4 SC5 SC7
<b>IV semester</b>					
18	EC26	Managerial Decision Making	<p><b>Purpose:</b> formation of future specialists' theoretical knowledge on the concept, strategy and tactics of management decision-making, as well as models and methods of decision-making in conditions of uncertainty and risk.</p> <p><b>Objectives:</b> features of the management decision-making process, theory and practice of development of this area, modern methods of management decision-making in conditions of uncertainty and risk.</p>	GC4 GC11 GC12	SC2 SC12 SC17 SC22
19	EC19	Management (academic year project)	<p><b>Purpose:</b> to form skills of independent analysis of the management of enterprises, analysis and evaluation of the effectiveness of management changes in a market economy, to deepen theoretical knowledge of the discipline, as well as to develop students' research skills and creative initiative.</p> <p><b>Objectives:</b> systematization, consolidation and deepening of theoretical knowledge and practical skills acquired by students in the learning process; solving specific management tasks, demonstrating erudition and the ability to analyze problems and suggest ways to solve them; formation of skills to use reference literature, normative, legal documentation; formation of skills of conducting independent work and mastering the methods of scientific research; developing the ability to formulate judgments and conclusions, logically consistently and convincingly present them.</p>	GC3 GC8 GC10	SC3 SC5 SC12 SC25
20	EC29	Innovation Management	<p><b>Purpose:</b> mastering modern theoretical foundations and practical skills of innovation management, making innovative decisions based on the results of scientific and technical forecast, project life cycle theory, based on the concept of optimal portfolio of research and development and project efficiency, the formation of innovative thinking .</p>	GC3 GC4 GC5 GC9 GC10 GC11 GC12 GC14	SC1 SC2 SC3 SC4 SC6 SC7 SC12 SC20

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			<b>Objectives:</b> theoretical and practical training of students on: analysis and examination of innovative projects; management of innovative activity of the enterprise.		SC21 SC22
21	EC20	Logistics	<b>Purpose:</b> formation of future specialists' system knowledge and understanding of the conceptual bases of logistics, theory and practice of development of this direction and acquisition of skills of independent work on mastering of educational material concerning modern methods of management of material and other streams in modern conditions. <b>Objectives:</b> questions of the concept, strategy and tactics of logistics, as well as the principles and patterns of creation and movement of material flows.	GC4 GC5	SC1 SC4 SC20 SC21
22	EC36	Fundamentals of Project Management	<b>Purpose:</b> to form in future managers a set of theoretical knowledge and practical skills on project management methodology and project decision-making of innovation-oriented enterprises in conditions of high variability of external and internal environmental factors <b>Objectives:</b> the concept of the project and features of project management. Process model of project management according to PMI PMBOK methodology. Basic tools of project management, including information support	GC3 GC4 GC9	SC2 SC3 SC7 SC8 SC12 SC21 SC22 SC23 SC24
23	EC41	Introductory practical training	<b>Purpose:</b> to acquaint students with the process of studying the industry, analyzing competitors, studying the practices used by industry leaders; to gain professional knowledge and skills that will help in the study of theoretical courses of disciplines. <b>Objectives:</b> practical training of students at the educational and qualification level "bachelor" in the specialty is focused on performing general management functions and the formation of various parts of educational and qualification characteristics of skills, practical use of knowledge acquired in accordance with the educational and professional program in certain primary positions.	GC4 GC8 GC9 GC10 GC11	SC3 SC4 SC9 SC11 SC18
<b>V semester</b>					
24	EC21	Logistics (academic year project)	<b>Purpose:</b> to provide students with skills to link issues of theory with practice, as well as experience with economic literature and statistics. <b>Objectives:</b> systematization, consolidation and expansion of theoretical and practical knowledge obtained as a result of studying the discipline "Logistics", namely the mastery of methods and tools for managing the movement	GC3 GC4 GC10	SC1 SC18 SC20 SC21

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			of material flows in the enterprise in the conditions generated by market relations.		
25	EC13	Operations Management	<p><b>Purpose:</b> formation of students' competence in basic principles, basic categories, modern concepts, theoretical principles and practical methods of managing the main activities of enterprises and skills to develop operational strategy, creation and use of industry operating subsystems as a basis for achieving the mission of the organization.</p> <p><b>Objectives:</b> awareness that the operating system is one of the most important components of any organization, and a specialist in the field of management needs a thorough knowledge of the basics and categorical apparatus of operational management; mastering the principles and methods of rational organization, planning and control over the operation of operating systems of various kinds; acquisition of skills to develop the operational strategy of the enterprise; acquisition of skills to justify the decision to create an operating system, maintaining the proper mode of its current operation; ensuring the quality of the results of operational activities of the organization; gaining knowledge about the features of operational management in enterprises of various industries.</p>	GC4	SC2 SC3 SC5 SC7 SC8
26	EC22	Industrial management	<p><b>Purpose:</b> the course is aimed at studying the theories, methods and functions of management in relation to production management in machine-building enterprises, including enterprises of the aviation industry.</p> <p><b>Objectives:</b> theoretical and practical training of students on: methods and means of the most rational combination of labor and material components of the overall production process, production of services that ensure the continuity and rhythm of the enterprise in specific conditions, based on its goals and objectives.</p>	GC3 GC4 GC5	SC1 SC5 SC7 SC8 SC 27 SC 28
27	EC30	Enterprise competitive capacity management	<p><b>Purpose:</b> to integrate the knowledge gained in the process of studying normative and special disciplines into a comprehensive system of knowledge on managing the competitiveness of the enterprise in modern economics.</p> <p><b>Objectives:</b> to study the principles of organization development; main categories of competition and competitiveness; principles of enterprise management in an unstable external environment; basic competitive strategies, methods of comprehensive analysis of competitors' activities; methods of assessing the</p>	GC4 GC5 GC9	SC2 SC12 SC26

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			level of competitiveness of the firm and products (services).		
28	EC35	Business Analytics	<p><b>Purpose:</b> to study the theoretical foundations of business data analysis based on cognitive methods, the formation of skills in developing models of data analysis, the use of business intelligence software.</p> <p><b>Objectives:</b> quantitative assessment and analysis of business processes for the development of effective management decisions based on the use of statistical and mathematical methods, information and telecommunications technologies.</p>	GC4 GC10	SC7 SC12 SC17 SC22
VI semester					
29	EC14	Operations Management (academic year project)	<p><b>Purpose:</b> formation of students' competence in basic principles, basic categories, modern concepts, theoretical principles and practical methods of managing the main activities of enterprises and skills to develop operational strategy, creation and use of industry operating subsystems as a basis for achieving the mission of the organization.</p> <p><b>Objectives:</b> awareness that the operating system is one of the most important components of any organization, and a specialist in the field of management needs a thorough knowledge of the basics and categorical apparatus of operational management; mastering the principles and methods of rational organization, planning and control over the operation of operating systems of various kinds; acquisition of skills to develop the operational strategy of the enterprise; acquisition of skills to justify the decision to create an operating system, maintaining the proper mode of its current operation, ensuring the quality of the results of operational activities of the organization; gaining knowledge about the features of operational management in enterprises of various industries.</p>	GC4 GC5 GC9 GC12	SC1 SC2 SC4 SC5 SC7 SC8 SC10
30	EC24	Aircraft production planning	<p><b>Purpose:</b> mastering the methods and means of modeling the processes of strategic planning of the aviation enterprise in terms of risk and market uncertainty.</p> <p><b>Objective:</b> to study the methods and means of planning the processes of the airline in conditions of risk and uncertainty.</p>	GC12	SC3 SC8 SC22 SC25 SC27 SC28
31	EC37	Theory and practice of business planning	<p><b>Purpose:</b> to form students' understanding of the role of business planning in the activities of business structures and a system of methodological knowledge for developing a</p>	GC4	SC2 SC3 SC4 SC8

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			<p>business plan.</p> <p><b>Objectives:</b> to evaluate the business idea and its compliance with the business planning strategy; master the method of developing business plans based on methodological and methodological approaches to business planning; summarize best practices in business planning; evaluate the results of the business plan and investment project.</p>		
32	EC39	Quality and risk management in terms of sustainable development	<p><b>Purpose:</b> To form in future managers a set of theoretical knowledge and practical skills on the quality management system and risk management processes in industrial enterprises seeking to take a leading position in the domestic and foreign markets by meeting customer needs and minimizing the burden on the environment.</p> <p><b>Objectives:</b> to study the concept of product quality, quality management systems, TQM methods, organization of product certification; methods of quality management analysis, quality assurance tools, risk management technology, risk assessment methods, methods for determining losses in the event of a risk event, methods of risk neutralization, evaluation of the effectiveness of risk management methods</p>	GC4 GC5 GC11	SC7 SC12 SC21 SC27 SC28
33	EC33	Enterprise Human Resource Management	<p><b>Purpose:</b> The course is aimed at forming a set of theoretical knowledge and practical skills for future professionals in the formation and implementation of personnel policy in modern organizations, rational selection of employees for positions and the formation of an effective workforce, evaluation and development of employees, and purposeful use of their potential.</p> <p><b>Objectives:</b> Conceptual bases of personnel management, theories and practices of development of this direction and acquisition of skills of independent work concerning mastering of a training material concerning modern methods of personnel management at various kinds of the enterprises.</p>	GC2 GC12 GC15	SC5 SC6 SC9 SC10 SC11 SC14 SC15 SC16 SC19
34	EC42	Industrial Training	<p><b>Purpose:</b> preparation by students of an individual task on comprehensive studying of a concrete problem of management of the organization, collection of practical and statistical materials for performance of qualifying work.</p> <p><b>Objectives:</b> practical training of students at the educational and qualification level "bachelor" is focused on the implementation of general</p>	GC3 GC4 GC5 GC7 GC10 GC12	SC1 SC2 SC3 SC4 SC5 SC7 SC8 SC12 SC13

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			management functions and the formation of various parts of educational and qualification characteristics of skills, practical use of knowledge acquired in accordance with the educational and professional program in certain primary positions.		SC17 SC18 SC21 SC22 SC23 SC24 SC25 SC26 SC28
<b>VII semester</b>					
35	EC17	Information systems and technologies in the professional field	<p><b>Purpose:</b> formation of knowledge and practical skills in the field of creation and use of information systems and technologies for management of social and economic systems.</p> <p><b>Objectives:</b> theoretical and practical training of students on: collection, processing and use of economic information; evolution, current state and trends in information technology; the role and place of IC in the management of the economy, the classification of IC on various grounds; development and implementation of decision support systems in the organization; integrated information systems; automation of accounting and tax accounting using the program "IC: Accounting 8 for Ukraine".</p>	GC3 GC4 GC5 GC8	SC2 SC7 SC11 SC23
36	EC27	Strategic management of an industrial enterprise	<p><b>Purpose:</b> to master the theoretical principles of change management, methods of analysis of resources and competencies of the enterprise: to acquire skills of analysis and development of organizational structure and culture of the enterprise, influence on agents of strategic snakes in the enterprise.</p> <p><b>Objectives:</b> to study the theoretical foundations of strategic enterprise management; matrix analysis technique; factors influencing the effectiveness of the company's strategy; stages of enterprise strategy implementation; participants in the process of implementing strategic changes.</p>	GC4 GC5 GC9 GC14	SC2 SC3 SC12 SC28
37	EC31	Organizational design of Human Resource Management system	<p><b>Purpose:</b> the course is aimed at forming future managers' system knowledge and understanding of the conceptual foundations of personnel management, theory and practice of development of this area and acquiring skills of independent work on learning material on modern methods of personnel management in different types of enterprises.</p> <p><b>Objective:</b> to study the theoretical foundations of the concept, strategy, tactics and methods of personnel management.</p>	GC2 GC4 GC8 GC11	SC7 SC11 SC16 SC25
38	EC25	Aircraft production	<p><b>Purpose:</b> mastering the methods and means of modeling the processes of strategic planning of</p>	GC4 GC11	SC2 SC21



№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
		planning (academic year project)	the enterprise in conditions of risk and market uncertainty. <b>Objective:</b> to study the methods and means of planning the processes of the airline in conditions of risk and uncertainty.		SC25 SC27
39	EC18	Administrative Management	<b>Purpose:</b> to increase the efficiency of management of organizational structures through the proper use of managers of different levels of principles and tools of administration, the creation of a holistic system of administrative management of the organization. <b>Objectives:</b> study of the terminological base of administrative management; substantiation of the role of administration and manager-administrator in the system of administrative management; study of functions and administrative process; formation of skills in planning and organizing administrative work; substantiation of the choice of forms and methods of administrative influence on subordinates; study of forms of administrative control and regulation of activity; formation of information and administrative support of the organization.	GC1 GC5	SC5 SC6 SC7 SC15 SC17 SC28
<b>VIII semester</b>					
40	EC15	CD, protection of labour and civil protection	<b>Purpose:</b> to form students' ability to think creatively, solve complex problems of an innovative nature and make productive decisions in the field of life safety (CD), labor protection (LP) and civil defense (CP), taking into account the future professional activities of graduates, as well as scientific achievements. technical progress, as well as the formation of a system of theoretical and applied knowledge on legal, economic and organizational issues. <b>Objectives:</b> students master the latest theories and methods of CD, LP and CP, as well as technologies for forecasting emergencies, taking into account the theory of risk, building models of their development, determining the level of risk and justifying a set of safety measures to prevent emergencies, personnel protection, population, material and cultural values in the event of an emergency, localization and elimination of their consequences: as well as the latest theories, methods and technologies for the use of safe production methods and the development of methods to prevent occupational injuries.	GC1 GC2 GC3 GC4 GC6 GC11	
41	EC34	Foreign Economic Activity	<b>Purpose:</b> to provide students with systematic knowledge of the objective laws, conditions, processes and specific features of foreign	GC3 GC7 GC9	SC12 SC13 SC19

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
			<p>economic activity of the enterprise, as well as the acquisition of skills for their practical use.</p> <p><b>Objectives:</b> understanding the essence of foreign economic activity of the enterprise, goals, motives and preconditions of its occurrence, legal and economic environment of development; study of types and forms of foreign economic activity of the enterprise; awareness of the economic nature of commercial transactions in foreign markets; study of the principles of concluding and executing agreements; conducting economic analysis of foreign economic activity of the enterprise, determining its effectiveness.</p>	GC11 GC12 GC14	SC26
42	EC38	Controlling	<p><b>Purpose:</b> mastering theoretical knowledge on controlling and acquiring practical skills and abilities to use controlling tools; acquisition of skills and formation of competencies necessary to perform the functions and exercise the powers of a controlling specialist.</p> <p><b>Objectives:</b> theoretical and practical training of students on the following issues: generalization of theoretical principles of controlling, understanding of the main trends and directions of its evolution; methodical and instrumental support of the basic functions of management: planning, control, the account and the analysis; construction of a controlling system, which is considered as an accounting and analytical system, that implements the synthesis of information support for management decisions, elements of accounting and operational and technical accounting, analysis, control and planning (budgeting); information support of controlling with the construction of management accounting system, mastering the methods of forming criteria for making, monitoring and control of management decisions.</p>	GC3	SC2 SC5 SC7 SC12
43	EC32	Organizational design of Human Resource Management system (academic year project)	<p><b>Purpose:</b> the course is aimed at the formation of future managers of system knowledge and understanding of the conceptual foundations of organizational design and construction of a competitive personnel management system</p> <p><b>Objective:</b> to study the theoretical foundations and modern industrial practices of using the latest information and communication technology in management, which will contribute to the formation in the minds of the manager how to carry out organizational design in enterprises of various industries.</p>	GC4 GC8 GC11 GC12	SC3 SC12 SC25
44	EC43	Bachelor's	<b>Purpose:</b> to solve a complex specialized	GC3	SC1

№	Code EPC	Component name EP	The purpose and objectives of the component EP	Competencies formation	
				general	special
		qualifying paper	<p>problem or practical problem in the field of management, characterized by complexity and uncertainty of conditions, using theories and methods of economics.</p> <p><b>Objective:</b> systematization, consolidation and expansion of theoretical knowledge obtained in the process of learning the educational program by solving problems that are provided by the task for qualification work.</p>	GC4 GC5 GC7 GC8 GC9 GC10 GC11 GC12	SC2 SC3 SC4 SC5 SC7 SC8 SC10 SC12 SC13 SC17 SC18 SC21 SC22 SC23 SC24 SC25 SC26 SC27 SC28

Selective components, their content, formation of competencies (professional, special) and definition of program learning outcomes are presented in the work programs of disciplines and syllabi on the website <https://khai.edu/ua/> in the section Short description, structure and educational components of educational programs and components for bachelors.

### **3 FORM OF CERTIFICATION OF HIGHER EDUCATION CONTRIBUTORS**

Certification of graduates under the educational-professional program "Management" in the specialty 073 "Management" is carried out in the form of defense of the qualification work of the bachelor.

Qualification work involves solving a complex specialized problem or practical problem in the field of management, characterized by complexity and uncertainty of conditions, using theories and methods of economics.

There can be no academic plagiarism, falsification or writing off in the qualification work.

Certification is carried out openly and publicly. Qualification work is published on the official website of the university or its department.

Certification ends with the issuance of a standard document on the award of a bachelor's degree with the qualification: Bachelor of Management in the educational program "Management".











## Appendix A

