MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN

KAZAKH-AMERICAN FREE UNIVERSITY

DEPARTMENT OF BUSINESS

EDUCATIONAL PROGRAM

7M04105"MANAGEMENT"

CATALOG OF DISCIPLINES

2023-2025 academic year

Ust-Kamenogorsk
2023

УДК 378.2 (574)(035)

Каталог дисциплин (2023-2025 учебные годы). Справочник. – Усть-Каменогорск, 2023.
Для широкого круга читателей.

Разработан Академическим комитетом

Рассмотрен и обсужден на заседании Учебный и научно - методический совет КАСУ (протокол № 5 от 25.04.2023г.)

Утвержден решением Ученого Совета КАСУ (протокол № 10 от 19.05.2023г.)

Справочное издание

Dear student of the Kazakh-American University
free university!

Here is **the Catalog of Disciplines** (CD) of your educational program.

Discipline Catalog– a systematized annotated list of all disciplines for the entire period of study, containing a brief description of them and indicating the expected learning outcomes. The catalog of disciplines reflects the prerequisites and post-prerequisites of each academic discipline. The catalog of disciplines is compiled for students in order to create the possibility of independent, rapid, flexible and comprehensive formation of an individual learning trajectory. The catalog of disciplines, in fact, is an assistant when students draw up an individual curriculum (IC).

With the credit technology of training, all academic disciplines are divided into 2 cycles –Core and Fundamental. Within each of these cycles, academic disciplines are divided into 2 types – the University component and the elective Component (elective, i.e., elective academic disciplines).

The university component and the elective Component are determined by the university independently, taking into account the needs of the labor market, the expectations of employers and the individual interests of students.

The catalog of disciplines offers a list of elective academic subjects for students to choose, with a description of prerequisites, post-prerequisites, a brief description of the discipline and expected results.

From the proposed list of elective academic subjects, the student can choose those that are interesting to him in accordance with the chosen learning path.

How can I use the Catalog to select elective subjects for inclusion in your individual curriculum?

1. An advisor will help you choose elective subjects according to your learning path.
2. Check with the advisor how many credits are allocated by the modular educational program for elective subjects in this semester.
3. Read the list of elective academic subjects for this semester.
4. Read the description of the elective subjects that interest you and make your choice.
5. Make sure that the number of credits you choose corresponds to the number required for the modular educational program and the catalog of disciplines.

We also offer you an **Academic calendar** of your educational program, which is a calendar of training sessions, boundary controls, intermediate and final certification, professional practices, during the academic year with indication of rest days (vacations and holidays). The academic calendar is available on the website kafu.edu.kz.edu.kz.

EDUCATIONAL PROGRAM
7M04105" ITMANAGEMENT"
1ST YEAR

CONTENT OF DISCIPLINES

UNIVERSITY COMPONENT

Cycle of disciplines	Code of the discipline	Name of the discipline	Number of credits	Semester	Prerequisites	Post-prerequisites	Form of control
FS	IFN 5201	History and Philosophy of science	4	2	philosophy	-	exam
Brief description of the discipline				**Expected results of the discipline**			
The course is devoted to the presentation of the most important issues of the philosophy of science in connection with its development in various historical periods (Antiquity, Middle Ages, Renaissance, Modern and Modern times, modernity). Philosophical traditions that have historically developed from ancient times to the present day and are the basis of natural science knowledge are considered.				1. Demonstrate a developing knowledge and understanding of the main epistemological patterns in the field of research, based on advanced knowledge in this field, in the development and / or application of ideas in the context of research; 2. Demonstrate forms and methods of pre-scientific, scientific and extra-scientific cognition, modern methods of cognition. 3. Demonstrate modern approaches to socio-humanitarian knowledge and their comparability. 4. Apply methodological and methodical knowledge when conducting research, pedagogical and educational work. 5. Collect and interpret information to form judgments, as well as formulate and solve problems that arise in the course of research activities and require deep professional knowledge. 6. Clearly and unambiguously convey information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in the field of history and philosophy of science; 7 Training skills necessary for independent continuation of further training in the field of history and philosophy of science.		
FS	Iya (Pr)	Foreign language	3	1	foreign language (B1,	organization and	exam

	5202	(professional)			B2, ESP)	planning of scientific research	
Short description of the discipline				**Expected results of the discipline**			
The discipline forms the basis of a foreign language professionally oriented communicative competence of undergraduates, which allows them to integrate into the international professional environment and use a professional foreign language as a means of intercultural and professional communication; promotes the development of skills in extracting the necessary information from English-language sources in typical situations of professional and business communication; forms the skills of annotating and summarizing professional texts.				1. Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge in this field, when developing and (or) applying ideas in the context of research: functional and stylistic characteristics of scientific presentation of the material in the foreign language under study; general scientific terminology of the corresponding OP in a foreign language; fundamentals of business correspondence in the framework of international cooperation; 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: free reading, translation of original literature on the selected OP with further analysis, interpretation and evaluation of the information extracted; explicit meaning in writing (abstract) of scientific information; participation in professional discussions, scientific debates, round-table discussions; presentations of scientific research (seminars, conferences, symposia, forums); listening to and understanding public speeches through direct and indirect communication (lectures, reports, TV and Internet programs) 3. Collect and interpret information to form judgments based on social, ethical and scientific considerations; form judgments about the problems of cross-cultural communication in the business environment; 4. Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists; communication skills: modeling possible communication situations between representatives different cultures and societies; international etiquette in different situations of cross-cultural communication 5. Teaching skills necessary for independent continuation of further training in the field under study; pedagogical skills: oral communication in the profile in the form of a monologue, dialogue, polylogue (report, message, discussion, debate, round table conversations); preparation of written forms for submitting information material (scientific report, message, abstracts, poster report,etc.). abstract); working with lexicographic sources in a foreign			

				language (traditional and online); using modern approaches to learning a foreign language			
FS	PU 5203	Management psychology	4	2	psychology (bachelor's degree programs)	disciplines of the preparation profile	exam
Brief description of the discipline				**Expected results of the discipline**			
The discipline aims to form theoretical knowledge about management psychology among undergraduates. The course "Management Psychology" is focused on analyzing the problems of human relationships and interactions from the point of view of management situations: the individual, his self-improvement and self-development in the process of work, and also examines management activities and their organization from the point of view of psychological effectiveness, group processes in the labor collective and their regulation.				1. Demonstrate developing knowledge and understanding in the field of management psychology, based on advanced knowledge of general, social, organizational psychology, when developing and (or) applying ideas in the context of research on the relevant topic; 2. Apply at a professional level their knowledge, understanding and abilities formed within the framework of management psychology to solve problems in a new environment, in a broader interdisciplinary context; 3. Collect and interpret information in the field of management psychology to form judgments based on social, ethical and scientific considerations; 4. Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions formed on the basis of knowledge, skills and abilities formed in the field of management psychology, both to specialists and non-specialists; 5. Training skills necessary for independent continuation of further training in the field of management psychology and the formation of the relationship of this knowledge with related areas.			
FS	PVSh 5204	Higher school pedagogy	4	2	pedagogy, psychology	of the discipline of the methodical cycle on OP, as well as pedagogical practice and defense of the master's thesis	exam
Brief description of the discipline				**Expected results of the discipline**			
The discipline forms the basic knowledge and skills of scientific search, their practical use in real pedagogical activity as a necessary basis for the formation of a comprehensively developed, socially active, a creatively minded person. The				1. Demonstrate developing knowledge and understanding in the field under study, based on advanced knowledge in this field, in the development and (or) application of ideas in the context of research; current problems of modern higher education and pedagogical science; the essence of			

study of the discipline is aimed at forming the moral-value and professional-personal orientation of undergraduates in the modern worldview and spiritual situation of our society.	pedagogical activity of a university teacher; the role of subject education in the professional training of future specialists; 2. Apply at the professional level develop your knowledge, understanding, and problem-solving abilities in a new environment, in a broader interdisciplinary context; apply their knowledge and understanding in a way that indicates a professional approach to their work or vocation, and possess competencies that are usually demonstrated by developing and supporting arguments and solving problems in their field of study; be competent in solving problems in higher teacher education and prospects for its further development; in applying effective teaching technologies in higher education; create educational materials based on the Dublin descriptors; 3. Collect and interpret information to form judgments based on social, ethical and scientific considerations (usually within their field of study) to inform judgments that include reflections on relevant social, scientific or ethical issues; master the skills of: identifying pedagogical facts, phenomena, events based on the laws of pedagogical theories, explanation, forecasting and development; 4. Clearly and unambiguously communicate information, ideas, conclusions, problems and solutions to both specialists and non-specialists; apply theoretical and practical knowledge to solve educational and professional tasks in the profile of the teacher, teacher, teacher, etc. from the surrounding reality, their description in the language of pedagogical science, based on the laws of pedagogical theories, explanation, forecasting and development; education; designing the educational process based on new concepts of teaching and upbringing; creating a creative and developing environment in the process of teaching and upbringing; the main types of pedagogical communication interaction, means and technologies of unsupervised learning; 5. Learning skills necessary for independent continuation of further education in the field under study; develop those learning skills that are necessary for them to continue further education with a high degree of independence: identify themselves as a subject of professional activity and master the method of self-determination and analysis of their own professional activity; solving current psychological and pedagogical tasks, evaluating the results

<table>
<tr><td colspan="4"></td><td colspan="5">achieved; organizing a and management of students ' activities.</td></tr>
<tr><td>CS</td><td>PP 5301</td><td>Programming Paradigms</td><td>5</td><td>1</td><td>Computer science, basic course</td><td>Design and Implementation of Software Systems</td><td>exam</td></tr>
<tr><td colspan="4">Summary of the discipline</td><td colspan="5">Expected results of the discipline</td></tr>
<tr><td colspan="4">The discipline "Programming paradigms" forms a system of knowledge among undergraduates about various programming paradigms, including imperative, object-oriented, functional and logical approaches. Students learn the basic concepts and principles of each paradigm, as well as gain practical skills in working with the relevant programming languages. The goal is to develop flexible thinking and the ability to choose the most appropriate paradigm for solving programming problems in various fields and situations.</td><td colspan="5">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in the development and/or application of ideas in the context of the study: know modern mathematical methods used to solve problems in the fields of natural sciences, economics, sociology and information science communication technologies, modern methods of developing and implementing algorithms for organizing the work of computer systems and computer networks of the latest generation.
2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: apply modern methods of formulating and analyzing problems in the field of mathematics and computer science, apply modern methods of developing and implementing algorithms for organizing the operation of computer systems and computer networks of the latest generation.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Learning skills necessary for independent continuation of further education in the field of study: possess the skills of the optimal choice of modern methods and means for posing and analyzing problems in the field of mathematics and computer science, the skills of the optimal choice of modern methods for developing and implementing algorithms for organizing the work of computer systems and computer networks of the latter generations.</td></tr>
<tr><td>CS</td><td>RMMC 5302</td><td>Risk Management and Management Control</td><td>5</td><td>1</td><td>Management, Bachelor's degree level</td><td>Strategic Management</td><td>exam</td></tr>
<tr><td colspan="4">Summary of the discipline</td><td colspan="5">Expected results of the discipline</td></tr>
</table>

Teaches undergraduates the basics of risk management and control in the organization. The purpose of this discipline is to develop an understanding of the role of risk management and control in ensuring the sustainable functioning of the organization. It allows you to develop the skills and knowledge necessary to identify, analyze, evaluate and manage risks associated with business processes and strategic decisions.				1. Demonstrate evolving knowledge and understanding of the area under study, based on the best knowledge of the area, in developing and/or applying ideas in the context of the study: assessing different types of risks, developing strategies and methods for managing them, and mastering management control tools to ensure efficiency of business processes. 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: conduct a scientific experiment on assessing the riskiness of decisions; - work with various sources of information; - hedge the risks of uncertain situations; - evaluate the effectiveness of risky decisions; 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further training in the field of study: master methods of obtaining, storing and processing information about the controlled object; - methods of organizing research work on the problems of minimizing the risk of decisions made; - methodology and methods of scientific research in the field of economics and management;			
CS	BIS 5303	Business Information Systems	5	1	Finance, Bachelor's degree level	Electronic business	exam
Summary of the discipline				**Expected results of the discipline**			
Highlights the role of information systems in modern organizations and their impact on business processes and decision-making. The purpose of this discipline is to develop an understanding of the role and importance of information systems in modern business. As part of the training, undergraduates will learn various types of information systems, such as enterprise resource management systems (ERP), customer relationship management systems (CRM) and project management systems.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of study: standards in the field of business information systems; - principles of organizing business information systems in the subject area; business process modeling technologies; basic methods and means of information security; 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: apply artificial intelligence systems for implementation in professional activities; model business processes; - formulate a task for			

	designing an information system; 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master the tools for designing information systems; - modern methods and intelligent information technologies in managing business systems; - skills in working with a corporate information system.

ELECTIVE SUBJECTS (ELECTIVE COMPONENT)

Cycle of disciplines	Code of the discipline	Name of the discipline	Number of credits	Semester	Prerequisites	Post-prerequisites	Form
CS	SC 5305	Science Communication	5	1	Management, Bachelor's degree level	Writing a Master's thesis	exam
Short description of the discipline				**Expected results of the discipline**			
The purpose of the course is to familiarize undergraduates with modern trends in higher education in the field of training highly qualified personnel of the third level and the development of communication skills in scientific activity. The course pays special attention to the communicative aspects, taking into account the specifics of scientific work in the information society. As a result of completing the course "Scientific Communications", undergraduates get an idea of the opportunities that scientific activity provides, as well as form a				1. Demonstrate evolving knowledge and understanding of the field being studied, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: know the content of the basic concepts of science communication theory that form the conceptual and terminological basis of the course; general patterns and specific features of scientific and humanitarian communication; principles of construction, analysis and evaluation of argumentative texts in the field of scientific and humanitarian communication; specificity of different forms and types of scientific communication (written, oral, electronic); regulatory requirements for the structural, verbal and strategic levels of scientific and			

desire for self-realization through various strategies of scientific work and career development.				humanitarian communication; 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: be able to operate with the concepts that make up the conceptual and terminological basis of the course; analyze and evaluate different types of scientific products in scientific and humanitarian communication, taking into account regulatory requirements; apply adequate models of argumentation, methods of verbalization of argumentative structures, methods of strategic organization of scientific and humanitarian discourse in the practice of linguistic and creative scientific activity; - effectively carry out scientific communication, taking into account the typological and linguopragmatic specifics of its various forms and types; 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: possess the skill of adequate perception of original scientific and humanitarian texts in all their genre diversity; the skill of analyzing scientific texts, taking into account their systemic, structural and linguistic-pragmatic features; the skill of free and conscious implementation of all types of speech activity using linguistic means characteristic of scientific communication.			
CS	CCC 5311	Car-to-Car Communication	5	1	Computer science, Bachelor's degree level	Writing a Master's thesis	exam
Short description of the discipline				**Expected results of the discipline**			
The purpose of the discipline Car-to-Car Communication is to study the principles and technologies of information exchange between cars using wireless communication technologies. The course is aimed at developing the skills of understanding, designing and implementing communication systems between cars in order to improve road safety and efficiency.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of study: know wireless communications fundamentals, standards and protocols, hardware specifications, network architecture, security systems, integration with other vehicle components and applications in industry and research. 2. Apply your knowledge, understanding and ability to solve problems			

				at a professional level in a new environment, in a broader interdisciplinary context: be able to design, configure and maintain wireless communication systems based on V2V and V2X standards, as well as apply the principles of security and integration with other vehicle components to ensure efficient and reliable communication in road conditions. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further studies in the field of study: - analytical skills: the ability to analyze and evaluate various technologies and communication protocols, as well as understand their application in modern cars. - ability to work with technical documentation: the skill of mastering technical manuals, specifications and standards, which allows you to better understand and apply technologies in practical problems. - programming skills: mastering programming to configure and operate wireless communications devices.			
CS	DBM 5307	Digital Business Models	5	1	Computer science, Bachelor's degree level	Writing a Master's thesis	exam
Short description of the discipline				**Expected results of the discipline**			
The purpose of the discipline "Digital Business Models" is to study and understand digital business models and their impact on modern organizations. The course is designed to develop students' knowledge and skills necessary for the analysis, development and implementation of digital business models based on the use of information technologies and digital platforms.				1. Demonstrate developing knowledge and understanding in the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: - know the fundamental principles of assessing the effectiveness of information technologies and systems, and information business for various subject areas, various types of activities; - basic principles of organizing the process of assessing the effectiveness of information systems depending on the type of production and the form of ownership of the organization. 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: be able to manage enterprise content and Internet resources, the processes of creating and using information services. - analyze the			

				effectiveness of various Internet marketing tools and develop recommendations for their improvement. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master the skills of managing enterprise content and Internet resources, the processes of creating and using information resources.			
CS	CSP 5308	Computer Science Project	5	1	Computer science, Bachelor's degree level	Analytics for Data Driven Decisions	exam
Short description of the discipline				**Expected results of the discipline**			
The purpose of the discipline "Digital Business Models" is to study and understand digital business models and their impact on modern organizations. The course is designed to develop students' knowledge and skills necessary for the analysis, development and implementation of digital business models based on the use of information technology and digital platforms.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: know the strengths and weaknesses of 3D modeling programs. 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: be able to navigate modern 3D modeling tools, - to achieve specific goals, based on the assigned tasks, select the optimal graphic editor, - develop three-dimensional computer models of objects of any level of complexity, - photorealistic visualization of 3D scenes. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master various methods of creating 3D models, - various methods of creating project documentation. Must demonstrate the ability and willingness to: - apply acquired knowledge, skills and abilities in practice.			

CS	ACG 5309	Advanced Computer Graphics	5	1	Computer science, Bachelor's degree level	Analytics for Data Driven Decisions	exam
Short description of the discipline				**Expected results of the discipline**			
It allows students to achieve a deep understanding of the basic concepts and principles of computer graphics, master advanced techniques and algorithms, develop skills in working with professional graphic tools and software, as well as the ability to develop computer graphics applications and effects.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: know the methods and tools of computer graphics and geometric modeling; - basics of vector and raster graphics; - theoretical aspects of fractal graphics; - basic methods of computer geometry; - algorithmic and mathematical foundations for constructing realistic scenes; - issues of implementing computer graphics algorithms using a computer; 2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: be able to programmatically implement basic raster and vector graphics algorithms; - use graphic standards and libraries; - use modern software in the field of computer graphics development; 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: basic techniques for creating and editing images in vector editors; - skills in editing photorealistic images in raster editors.		
CS	MCGE 5310	Managerial Challenges in the Globalized Economy	5	1	Management, Bachelor's degree level	Writing a Master's thesis	exam
Brief description of the discipline				**Expected results of the discipline**			
It allows students to achieve a deep understanding of the basic concepts and principles of computer graphics, master advanced techniques and algorithms, develop skills in working with professional graphic tools and software, as well as the ability to develop computer graphics applications and effects.				1. Demonstrate evolving knowledge and understanding in the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: know the theoretical approaches and concepts used in analyzing the current state and trends in the development of the global economy as a system and the global division of			

				labor, research into the patterns of functioning of national and regional models of socio-economic development. 2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: be able to use the knowledge gained from the training course for the scientific analysis of events, phenomena and processes in the field of the world economy - both on a global scale, and at the level of functioning of world economic institutions and individual economic entities participating in international economic relations. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master the methodology and tools for analyzing the dynamics of development and structure of the global economy, processes occurring in global markets in the context of a deepening global division of labor; master the methodology for analyzing energy, food, transport and economic problems that have become global in nature.		
CS	IHRM 5306	International Human Resource Management	5	1	Management, Bachelor's degree level	Coaching Project Management	exam
Brief description of the discipline				**Expected results of the discipline**			
Studies the basic principles, strategies and practices of human resource management in the context of the international activities of organizations. The purpose of this discipline is to form undergraduates a deep understanding of the peculiarities of personnel management on a global scale and to develop the skills necessary for effective management of international teams and personnel. As part of their studies, undergraduates study international standards and laws governing human resource management in different countries.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of study: includes mastery of human resource management principles in an international context, including global recruiting, training and development, and also managing multinational teams and supporting diversity in the organization. 2. Apply knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: ability to effectively apply HR principles and techniques in an international environment, including cross-cultural skills, global recruiting, adapting training and development to different cultural contexts, as well as			

				the ability to manage multicultural teams and promote diversity in the organization. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary to independently pursue further study in the field of study: confident application of human resource management principles and techniques in an international environment, including aspects of cross-cultural communication, global recruiting, adapting training and development to different cultural contexts, and the ability to effectively manage multinational teams and support diversity in the organization.			
CS	MIC 5312	Managing Intercultural Collaboration	5	1	Management, Bachelor's degree level	Coaching Project Management	exam
Brief description of the discipline				**Expected results of the discipline**			
Focuses on the study of principles and practices necessary for effective management of teams and organizations in an intercultural environment. The purpose of this discipline is to form undergraduates' deep understanding of cultural differences, the ability to adapt to them and the development of skills for effective intercultural cooperation. As part of the training, undergraduates study the importance of intercultural competence and its impact on team and project management.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: understanding of cultural differences, intercultural competence, and skills in managing intercultural teams and organizations to successfully interact in international environment. 2. Apply knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: the ability to effectively adapt to different cultural contexts, conduct cross-cultural communications, resolve conflicts, build trust and collaborate successfully with representatives of different cultures in international work environment. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary to independently pursue further study in the field of study: ability to adapt to diverse cultural contexts, communicate			

<table>
<tr><td colspan="4"></td><td colspan="4">effectively with representatives of different cultures, resolve conflicts and facilitate successful interactions in an international work environment.</td></tr>
<tr><td>CS</td><td>CM 5313</td><td>Change Management</td><td>5</td><td>1</td><td>Management, Bachelor's degree level</td><td>Writing a Master's thesis</td><td>exam</td></tr>
<tr><td colspan="4">Brief description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Studies the principles, methods and strategies necessary for effective change management in the organization. It is aimed at developing undergraduates' skills and competencies necessary for the successful implementation of changes and management of change processes in a dynamic and unstable environment. Undergraduates gain an understanding of the process of change, develop the ability to analyze, plan and implement changes in an organizational context</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: ability to analyze the reasons for and need for change in an organization, evaluate its potential impacts, develop strategies for implementing change and effectively manage the change process to achieve your goals.
2. Apply knowledge, understanding and ability to solve problems in a professional manner in a new environment, in a broader interdisciplinary context: the ability to analyze change needs, develop strategies for implementing change, communicate effectively with stakeholders and manage change to achieve established organizational goals .
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Learning skills necessary for independent continuation of further training in the field of study: have advanced experience in building effective change management systems in an organization, and the ability to automate management activities.</td></tr>
<tr><td>FS</td><td>ML 5206</td><td>Machine Learning</td><td>5</td><td>2</td><td>Programming Paradigms</td><td>Design and Implementation of Software Systems</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Studies a class of artificial intelligence methods, the characteristic feature of which is not the direct solution of the problem, but learning in the process of applying solutions to many similar problems. The purpose of mastering the discipline</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: know methods for classifying and analyzing text data, machine learning algorithms and their applications.
2. Apply your knowledge, understanding and abilities at a professional</td></tr>
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"Machine Learning" is to familiarize students with the theoretical foundations and basic principles of machine learning, namely, classes of models (linear, logical, neural network), quality metrics and approaches to data preprocessing.				level to solve problems in a new environment, in a broader interdisciplinary context: be able to use specialized modules and applications to solve problems in the field of machine learning. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master the skills of working with application software.			
FS	CSTN 5207	Computing Systems and Telecommunications Networks	5	2	Programming Paradigms	Design and Implementation of Software Systems	exam
Short description of the discipline				**Expected results of the discipline**			
Forms students' comprehensive knowledge about the work of computer systems and the organization of telecommunication networks. As a result of studying this discipline, students will gain fundamental knowledge and practical skills that allow them to work effectively with computing systems and telecommunications networks in various fields of activity, ensuring the reliability, security and performance of information systems.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge and understanding of computer systems architecture, fundamental principles of operating systems, principles of telecommunications networks and transmission protocols data in them, as well as the basics of computer security and aspects of network resource management. 2. Apply knowledge, understanding and abilities to a professional level to solve problems in a new environment, in a broader interdisciplinary context: ability to set up, maintain and administer computer systems, and design, configure and support telecommunications networks using appropriate protocols and technologies. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: skills in setting up and administering computer systems			

<table>
<tr><td colspan="4"></td><td colspan="4">and networks,
ability to work with operating systems and use software to maintain computing devices, knowledge of the principles of construction and operation of telecommunication networks and data transfer protocols, skills in ensuring the security of computer systems and networks, ability to solve problems and analyze situations related to computing systems and telecommunication networks.</td></tr>
<tr><td>FS</td><td>ADDD 5208</td><td>Analytics for Data Driven Decisions</td><td>5</td><td>2</td><td>Programming Paradigms</td><td>Design and Implementation of Software Systems</td><td>exam</td></tr>
<tr><td colspan="4">Brief description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Forms students' comprehensive knowledge about the work of computer systems and the organization of telecommunication networks. As a result of studying this discipline, students will gain fundamental knowledge and practical skills that allow them to work effectively with computing systems and telecommunications networks in various fields of activity, ensuring the reliability, security and performance of information systems.</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge of the discipline "Analytics for Data-Driven Decision Making" covers methods of collection, analysis and visualization data, statistical analysis, modeling, making informed business decisions, and ethical aspects of working with data, enabling the use of analytical methods to optimize business processes and make strategic decisions.
2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: the ability to effectively collect, analyze and interpret data, use statistical methods and visualization tools to make informed business decisions, and implement these decisions are translated into practical activities in order to optimize processes and achieve set goals.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Learning skills necessary for independent continuation of further training in the field of study: - collection, processing and analysis of data.
- application of statistical methods and data analysis techniques.
- knowledge of data visualization tools.</td></tr>
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<table>
<tr><td colspan="4"></td><td colspan="5">- modeling and forecasting based on data.
- effective decision making based on data analysis.
- skills of ethical work with data.
- application of analytics in business processes and strategic management.</td></tr>
<tr><td>FS</td><td>CG 5209</td><td>Corporate Governance</td><td>5</td><td>2</td><td>Management, Bachelor's degree level</td><td>Financial security and competitiveness management of the organization</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="5">Expected results of the discipline</td></tr>
<tr><td colspan="4">Examines the theoretical foundations of corporate governance. Allows you to get and develop skills in analyzing and diagnosing corporate governance problems, modern methods of solving corporate governance problems, and also introduces the modern specifics of corporate governance in domestic and foreign organizations; forms a holistic view of corporate governance and its specifics in domestic organizations; develops skills for diagnosing problems using the tools of decision-making methods in the field of corporate governance.</td><td colspan="5">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge and skill in the discipline of Corporate Governance covers the development and implementation of corporate strategies, management of organizational structure, financial resources and risks, and also include an understanding of the ethical, legal and socially responsible aspects of corporate governance.
2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to develop and implement corporate strategies, effectively manage organizational structure, financial resources and risks, and consider ethical, legal and social responsible aspects in management activities in order to ensure stable and successful development of the organization.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Study skills necessary for independent continuation of further studies in the field of study:
- skills in managing organizational structure and processes.
- competent management of financial resources and risks.</td></tr>
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				- knowledge of ethical and legal standards in a corporate environment. - ability to form a corporate culture and implement socially responsible management. - skills for managing change and innovation in an organization.			
FS	AFM 5210	Advanced Fields of Management	5	2	Management, Bachelor's degree level	Strategic Management	exam
Summary of the discipline				**Expected results of the discipline**			
Forms an in-depth study of various advanced areas in the field of management. It is based on the basic principles and concepts of management, but focuses on more specialized and in-depth topics. Within this discipline, undergraduates will develop critical thinking, analytical thinking and decision-making skills based on modern management methods and tools.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of study: knowledge and skill in the Advanced Management Systems discipline includes an understanding of innovative management approaches, skill apply advanced technologies and software to optimize processes, as well as develop strategic thinking in the context of modern trends in organizational management. 2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the use of modern innovative approaches and technologies in managing an organization in order to optimize processes, increase efficiency and achieve strategic goals. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Study skills necessary for independent continuation of further studies in the field of study: - ability to use modern technologies and software to improve management processes. - development and implementation of innovative approaches to management in the organization. - ability to analyze and apply advanced management techniques. - skills in working with modern information systems to manage business processes.			
FS	SM 5211	Strategic Marketing	5	2	Управление рисками	Strategic	exam

					и управленческий контроль	Management	
Short description of the discipline				**Expected results of the discipline**			
Studies and systematizes the fundamentals of the theory and practice of strategic management of marketing activities in modern conditions. Forms an understanding of the essence, principles, functions of strategic marketing management, as well as directions and methods of marketing management at the enterprise; knowledge of the development and implementation of marketing strategies, marketing plans and programs (pricing, commodity, communication, sales policy); introduces the processes of organizing marketing activities, building organizational marketing structures, functional and job responsibilities specialists of marketing services.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge of market and competitive analysis, development of marketing strategies, planning of marketing campaigns, and ability to evaluate effectiveness marketing actions to achieve the organization's strategic goals. 2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to analyze the market and competitive environment, develop effective marketing strategies, plan and implement marketing campaigns, and evaluate performance results to achieve strategic goals of the company. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Study skills necessary for independent continuation of further studies in the field of study: - analysis of the market and competitive environment. - development of marketing strategies. - planning and carrying out marketing campaigns. - assessment of the effectiveness of marketing actions. - product portfolio management. - working with marketing tools (4p: product, price, distribution, promotion). - application of analytical tools in marketing (for example, swot analysis, consumer analysis, roi analysis, etc.). - ability to predict market trends and adapt to them.		

2ND YEAR

CONTENT OF DISCIPLINES

ELECTIVE SUBJECTS (ELECTIVE COMPONENT)

Cycle of disciplines	Code of the discipline	Name of the discipline	Number of credits	Semester	Prerequisites	Post-prerequisites	Form of control
CS	DISS 6314	Design and Implementation of Software Systems	5	3	Programming Paradigms	Writing a Master's thesis	exam
Brief description of the discipline				**Expected results of the discipline**			
Forms a holistic understanding of the process of designing and implementing software systems for undergraduates. It is aimed at developing the skills and competencies necessary for effective participation in the development of software projects. Within the framework of this discipline, undergraduates learn to analyze the requirements for a software system, design architecture and choose suitable development technologies. They study software development methodologies and learn how to put them into practice.				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: ability to design software products based on customer requirements, develop software code in a variety of platforms and programming languages, and also implement developed systems for successful functioning in the work environment. 2. Apply knowledge, understanding and ability to solve problems at a professional level in a new environment, in a broader interdisciplinary context: effectively use various programming languages and technology platforms, and successfully implement developed systems to ensure their effective operation in the work environment. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Study skills necessary for independent continuation of further studies in the field of study: - ability to design software products taking into account customer		

<table>
<tr><td colspan="4"></td><td colspan="4">requirements.
- programming skills in various languages and platforms.
- knowledge of testing and debugging methods of program code.
- knowledge of the principles of software systems architecture.
- ability to implement developed systems and ensure their effective operation in the organization.</td></tr>
<tr><td>CS</td><td>PM 6315</td><td>Personnel Management</td><td>5</td><td>3</td><td>Advanced Fields of Management</td><td>Writing a Master's thesis</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Forms an integral system of knowledge among undergraduates about the patterns of formation and development of the subsystem of human resource management of the organization as the most important element of the management system of the organization as a whole, as well as mastering the skills and abilities of the organization's personnel management by a graduate student. Studies modern interpretations of the conceptual apparatus of personnel management, the identification of the concepts themselves, the conceptual foundations of personnel management, quantitative analysis of the composition and structure of the personnel potential of the enterprise.</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge and understanding of organizational structures, personnel policies, and methods of developing, training and motivating personnel to achieve strategic goals of the organization.
2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to effectively organize work processes, develop and implement personnel policies, and manage and develop personnel in order to achieve the strategic goals of the organization.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Study skills necessary for independent continuation of further studies in the field of study:
- skills in developing and implementing HR strategies and policies.
- ability to conduct personnel assessment and audit.
- skills in conducting training and education of employees.
- ability to effectively manage conflicts and communications in a team.
- skills of analysis and optimization of work processes.
- ability to develop and implement personnel motivation and incentive systems.</td></tr>
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<tr><td colspan="4"></td><td colspan="4">- skills in maintaining personnel documentation and managing personnel records.
- ability to assess and develop professional competencies of employees.</td></tr>
<tr><td>CS</td><td>ICPM 6316</td><td>International Coaching Project Management</td><td>5</td><td>3</td><td>Advanced Fields of Management</td><td>Writing a Master's thesis</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Combines project management methods with coaching approaches, with an emphasis on cross-cultural interaction and teamwork. The purpose of this discipline is to ensure effective cooperation on a global scale, achieve set goals and create sustainable results in international coaching projects. Students learn the basics of project management, the use of coaching in international contexts, develop team management and intercultural communication skills.</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: knowledge and understanding of the organization and management of international projects, as well as coaching skills for effective leadership and team development in an international environment.
2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to effectively organize and manage international projects using coaching approaches to develop the team and achieve set goals.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Study skills necessary for independent continuation of further studies in the field of study:
- ability to plan and organize international projects taking into account the specifics of the international context.
- skills in using coaching in working with international teams for the effective development and motivation of participants.
- communication skills for effective interaction with project participants from different cultures and countries.
- ability to manage conflicts and resolve problems in an international team.
- skills of analysis and risk assessment in the context of international</td></tr>
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<tr><td colspan="4"></td><td colspan="4">projects.
- ability to adapt to different cultural characteristics and features of working in an international environment.</td></tr>
<tr><td>CS</td><td>MPItC 6317</td><td>Methodology and practice of IT consulting</td><td>5</td><td>3</td><td>Managing Intercultural Collaboration</td><td>Writing a Master's thesis</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">As a result of mastering the discipline, a master's student should know the characteristics of the state of the IT services market and its development trends, the main types and content of consulting services in the field of IT, the typical stages of consulting projects and their documentation, the methodological base of product IT consulting projects and methodological approaches to substantiating the feasibility of IT outsourcing.</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, in developing and/or applying ideas in the context of the study: know the basics of information technology consulting methodologies, analysis of customer needs for IT services, development skills and presenting recommendations for improving IT processes and systems in the organization.
2. Apply professionally your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: ability to analyze client needs for IT services, develop recommendations for improving IT processes and systems, and effectively advise clients on field of information technology.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Study skills necessary for independent continuation of further studies in the field of study:
- analysis of customer needs and problems in the IT field.
- development of recommendations and strategies for improving it processes and systems.
- Effectively present recommendations and analysis results to clients.
- communication and interaction skills with customers.
- ability to apply consulting methodologies in the IT field.
- analysis of risks and opportunities for implementing IT solutions.</td></tr>
<tr><td>CS</td><td>SM 6318</td><td>Strategic Management</td><td>5</td><td>3</td><td>Advanced Fields of Management</td><td>Writing a Master's thesis</td><td>exam</td></tr>
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Short description of the discipline	Expected results of the discipline
Studies the principles, methods and tools necessary for the development and implementation of strategic decisions in the organization. It is aimed at developing undergraduates' skills and knowledge necessary for effective management of the organization in the long term. As part of the training, undergraduates study the basic concepts and models of strategic management, analyze the internal and external environment of the organization, identify strengths and weaknesses, opportunities and threats.	1. Demonstrate evolving knowledge and understanding of the field under study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: knowledge and understanding of the principles of developing and implementing organizational development strategies, analysis of the external and internal environment, strategic decision making , as well as evaluating and monitoring results to achieve the company's long-term goals. 2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to develop and implement organizational development strategies, analyze the internal and external environment, make strategic decisions, and evaluate and monitor results for achieving the company's long-term goals. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Study skills necessary for independent continuation of further studies in the field of study: - development and implementation of organizational development strategies. - analysis of the external and internal environment to identify strategic opportunities and threats. - making strategic decisions aimed at achieving the long-term goals of the company. - assessment and control of the results of strategy implementation. - ability to adapt to changing environmental conditions. - communication skills and leading the team towards achieving strategic goals.

CS	PM 6319	Project Management	5	3	Advanced Fields of Management	Writing a Master's thesis	exam

Summary of the discipline	Expected results of the discipline

Forms the necessary amount of fundamental and applied knowledge, as well as practical skills that are essential for successful project management for undergraduates. This includes mastering key concepts and principles of project management, understanding various methodologies and approaches, as well as mastering the tools and techniques necessary for effective planning, control, organization and communication within projects. The course is aimed at ensuring that students receive not only theoretical knowledge, but also be able to apply it in practice, developing their skills in project management.				1. Demonstrate evolving knowledge and understanding of the field being studied, based on the best knowledge of the field, when developing and/or applying ideas in the context of the study: know fundamental concepts about the role of project management in modern society; theoretical foundations of project management; 2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: be able to use interdisciplinary systemic connections of sciences; apply mathematical tools to solve social and professional problems. carry out structuring of the project by identifying interrelated processes and elements. 3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation. 4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Learning skills necessary for independent continuation of further education in the field of study: master the skills of systems analysis; skills in choosing the most relevant areas of scientific research, setting research tasks and determining ways to solve the problems; - independently acquire and use in practical activities new knowledge and skills in various fields of activity.				
CS	EB 6320	Electronic business	5	3	Business Information Systems	Research Internship, Writing a Master's thesis	exam
Short description of the discipline				**Expected results of the discipline**			
Forms a complex of theoretical knowledge and practical skills in the field of electronic business, forms of Internet entrepreneurship necessary for the qualified development of requirements for the design and development of online stores, virtual enterprises, introduces the main achievements in the field of telecommunications, network structures, information systems, which make it possible to significantly increase business efficiency and create fundamentally new directions of its				1. Demonstrate evolving knowledge and understanding of the field of study, based on advanced knowledge of the field, when developing and/or applying ideas in the context of the study: have knowledge of modern information technology; principles of construction and operation of global networks; software products used in electronic business; - have theoretical knowledge about security problems in information systems and ways to solve them; - have an understanding of e-business models; the benefits of e-business for producers, consumers and society as a whole;			

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<tr><td colspan="4">development.</td><td colspan="4">2. Apply your knowledge, understanding and abilities at a professional level to solve problems in a new environment, in a broader interdisciplinary context: be able to acquire skills in the design and development of an Internet application, which is an automated workplace for an employee of a certain enterprise in any field of the economy.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.
4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing.
5. Learning skills necessary for independent continuation of further education in the field of study: master the technologies for developing Internet representations, demonstrate the ability and willingness to: - use the advantages of e-commerce in practice; - develop and maintain e-commerce applications.</td></tr>
<tr><td>CS</td><td>FSCMO 6321</td><td>Financial security and competitiveness management of the organization</td><td>5</td><td>3</td><td>Corporate Governance</td><td>Research Internship, Writing a Master's thesis</td><td>exam</td></tr>
<tr><td colspan="4">Short description of the discipline</td><td colspan="4">Expected results of the discipline</td></tr>
<tr><td colspan="4">Provides students with a comprehensive understanding of the principles and practices of financial resource management and improving competitiveness in organizations. This includes the development of skills and knowledge related to financial risk management, financial analysis, financial planning, marketing and strategic management. The key objectives of the discipline include: developing the ability to identify and reduce financial risks that may affect the stability and growth of the organization.</td><td colspan="4">1. Demonstrate evolving knowledge and understanding of the area under study, based on advanced knowledge of the area, in developing and/or applying ideas in the context of the study: knowledge and understanding of methods and tools for ensuring the financial sustainability and competitiveness of a company, analyzing financial risks and taking action to reducing them, as well as developing strategies to strengthen the financial position and competitiveness of the organization.
2. Apply at a professional level your knowledge, understanding and abilities to solve problems in a new environment, in a broader interdisciplinary context: the ability to analyze financial risks, develop and implement measures to ensure financial sustainability and increase the competitiveness of the organization.
3. Gather and interpret information to form judgments, taking into account social, ethical and scientific considerations for writing a dissertation.</td></tr>
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	4. Communicate information, ideas, findings, problems, and solutions clearly and unambiguously to both experts and non-experts regarding dissertation writing. 5. Study skills necessary for independent continuation of further studies in the field of study: - development and implementation of strategies to ensure financial sustainability. - management of financial flows and resources. - assessment of the organization’s competitiveness in comparison with market analogues. - development and analysis of business plans and financial models. - financial decision making skills. - ability to work with financial analysis and planning tools.