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ФИО: Силин Яков Петрович
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MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION Ural State University of E

Approved

at the meeting of the Department

December 09, 2020

protocol No. 3

Head of the Department _____

(signature)

Plakhin A.E.

Approved

Council for educational and methodological
issues and quality

January 20, 2021

protocol No. 6

Chairperson _____ Karkh D.A.

(signature)

THE PROGRAM OF THE DISCIPLINE

Module	Innovations management (advanced)
Field of Study	04/38/02 MANAGEMENT
Profile	All profiles
The form learning	Full-time and correspondence
Year of recruitment	2021

Made by:

Ph.D., docent

_____ Plakhin A.E.

(signature)

Ekaterinburg
Feb 2021

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INTRODUCTION

The program of the discipline is part of the main professional educational program of higher education - the master's program, developed in accordance with the Federal State Educational Standard of Higher Education

FGOS VO	Federal State Educational Standard of Higher Education - Master's degree in the direction of preparation 04/38/02 Management (order of the Ministry of Education and Science of Russia No. 952 dated 08/12/2020)
PS	

1. GOAL DEVELOPMENT DISCIPLINES

The purpose of mastering the discipline "Innovation Management (advanced level)" is to develop in future students receptivity to innovations, to form strong theoretical knowledge and practical skills in the field of preparation and implementation of innovative changes in enterprises.

2. A PLACE DISCIPLINES V STRUCTURE OBOP

Discipline refers to the core of the curriculum.

3. SCOPE OF DISCIPLINE

Intermediate control	Hours					Z. e.
	Total for a semester	Contact work. (Academic study)			Independent work including preparation of control and coursework	
		Total	Lectures	Practical lessons, including course design		
Semester 2						
Exam	108	twenty	eight	12	52	3

4. PLANNED RESULTS DEVELOPMENT OBOP

As a result of mastering OBEP, the graduate must have the competencies established in accordance with the Federal State Educational Standard of Higher Education.

Code and name of competence	Competence achievement indicators
UK-1 Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	ID-1.UK-1 Know: methods of critical analysis; system approach methodology; methods of identifying a problem situation
	ID-2.UK-1 Be able to: identify problem situations, search for information and solutions

UK-1 Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	ID-3.UK-1 Have practical experience in developing and arguing a strategy for solving a problem situation based on a systematic approach
UK-2 Able to manage a project at all stages of its life cycle	ID-1.UK-2 Know: the principles of the design task formation within the framework of the designated problem; basic requirements for project work and criteria for assessing the results of project activities
	ID-2.UK-2 Be able to: develop a plan for the implementation of the project, taking into account the possible risks of implementation and the possibilities of their elimination; plan necessary resources
	ID-3.UK-2 Have practical experience in monitoring the progress of the project; correction of deviations; making changes to the project implementation plan

General professional competences (GIC)

Code and name of competence	Competence achievement indicators
OPK-1 Able to solve professional problems based on knowledge (at an advanced level) of economic, organizational and management theory, innovative approaches, generalization and critical analysis of management practices;	ID-1.OPK-1 Know methods for solving professional problems at an advanced level in the field of economic, organizational and management theory
	ID-2.OPK-1 Be able to apply innovative approaches to solving economic, organizational and management problems
	ID-3.OPK-1 Have practical experience in generalizing and critical analysis of management practices in the direction of management

<p>OPK-2 Able to apply modern techniques and methods of data collection, advanced methods of data processing and analysis, including the use of intelligent information and analytical systems, when solving managerial and research problems;</p>	<p>ID-1.OPK-2 Know modern techniques and methods of data collection, advanced methods of their processing and analysis</p>
	<p>ID-2.OPK-2 Be able to use intelligent information and analytical systems in solving managerial and research problems</p>
	<p>ID-3.OPK-2 Have practical experience in the application of database management systems in the field of economics and management</p>

<p>OPK-4 Able to manage project and process activities in an organization using modern management practices, leadership and communication skills, identify and assess new market opportunities, develop strategies for creating and developing innovative areas of activity and the corresponding business models of organizations;</p>	<p>ID-1.OPK-4 Know modern methods, technologies and tools for managing project and process activities in the organization of project and process activities in the organization</p>
	<p>ID-2.OPK-4 Be able to use modern management practices, leadership and communication skills in process and project activities</p>
	<p>ID-3.OPK-4 Have practical experience in identifying and assessing new market opportunities, developing a strategy for the creation and development of innovative areas of activity and the corresponding business models of the organization</p>

5. THEMATIC PLAN

Theme	Hours						
	Topic name	Total hours	Contact work. (Academic study)			Samost. Work	Control of independent work
			Lectures	Laboratory	Practical lessons		
Semester 2		72					
Topic 1.	The problem of innovations in the economy; innovation, innovation,	6.5	0.5		1	5	
Topic 2.	Innovations in organizations. Typology of innovations. Novelty and its properties.	6.5	0.5		1	5	
Topic 3.	Development and current state of innovation management	7	1		1	5	
Topic 4.	Innovation process and innovation. Formation and implementation of innovative projects	7	1		1	5	
Topic 5.	Features of making managerial decisions in innovative management.	7	1		1	5	
Topic 6.	Socio-psychological aspects of innovation	7	1		1	5	
Topic 7.	Expertise of innovation processes. Business plan of an innovative project and its content	7	1		1	5	
Topic 8.	Evaluation of the effectiveness of innovation and innovation. Investment in the innovation process	7	1		1	5	
Topic 9.	Risk management in innovation processes. Factors influencing the success of innovations in the organization. Destabilizing factors	7.5	0.5		2	5	
Topic 10.	Markets in the field of innovative entrepreneurship	9.5	0.5		2	7	

6. FORMS Of the CURRENT CONTROL AND INTERMEDIATE APPROVALS SCALES EVALUATIONS

Section / Topic	Evaluation tool type	Description of the evaluation tool	Evaluation criteria
Current control (Appendix 4)			
Business plan of an innovative project and its content.	Situational tasks.	Solving 4 situational problems with expanded answer options	Demonstration of the skill of using the studied material in the practice of managing a specific situation, max. 20 points

Risk management in innovation processes and assessment of innovation efficiency	Control tasks	Solving 2 tasks for assessing risk and determining the effectiveness of an innovative project	Accurate and correct execution of the task, max. 24 points
All thematic sections	Testing	28 test questions with 4 answer choices	Correct answers to test questions. 2 points for each correct answer.
Intermediate control (Appendix 5)			
2 semester (Eq)	Exam tickets	The exam provides a written answer to 2 theoretical questions and the solution of a situational problem	<p>Certification of students in the discipline is carried out according to the level of the achieved result in the formation of the relevant competencies. The assessment is carried out using a point-rating system in accordance with the "Regulations on the academic rating".</p> <p>From 85% - excellent 75 to 84% - good 51 to 74% - satisfactory Less than 50% - unsatisfactory</p>

DESCRIPTION OF THE SCALES

The indicator for assessing the development of OBOP is formed on the basis of combining the current and intermediate attestation of the student.

The rating indicator for each discipline is expressed as a percentage, which shows the level of the student's preparation.

Current certification. A 100-point grading system is used. The assessment of the student's work during the semester is carried out by the teacher in accordance with the system for assessing educational achievements in the course of training in this discipline developed by him.

In the programs of disciplines and practices, the types of current certification, planned results of control activities and criteria for assessing educational achievements are fixed.

During the semester, the teacher conducts at least 3 control events to assess the student's performance. If attendance at classes in a discipline is included in the rating, then this indicator is no more than 20% of the maximum number of points in the discipline.

Interim certification. A 5-point grading system is used. The assessment of the student's work at the end of the discipline (part of the discipline) is carried out by the teacher in accordance with the system for assessing the student's achievements in the course of training in this discipline developed by him. Interim certification is also carried out at the end of the formation of competencies.

The procedure for transferring the rating provided by the assessment system by discipline into a five-point system.

High level - 100% - 70% - excellent, good.

Average level - 69% - 50% - satisfactory.

Score indicator	On a 5-point system	Characteristics of the indicator
100% - 85%	Great	have theoretical knowledge in full, understand, independently know how to apply, research, identify, analyze, systematize, categorize, calculate indicators, classify, develop models, algorithmize, manage, organize, plan research processes, evaluate results at a high level
84% - 70%	OK	have theoretical knowledge in full, understand, independently are able to apply, research, identify, analyze, systematize, categorize, calculate indicators, classify, develop models, algorithmize, manage, organize, plan research processes, evaluate results. Deficiencies may be made, corrected by the student independently in the process of work (answer, etc.)
69% - 50%	satisfactorily	have general theoretical knowledge, are able to apply, research, identify, analyze, systematize, categorize, calculate indicators, classify, develop models, algorithmize, manage, organize, plan research processes, evaluate results at an average level. Mistakes are made that the student finds it difficult to correct on their own.
49% or less	unsatisfactory	have an incomplete amount of general theoretical knowledge, do not know how to independently apply, research, identify, analyze, systematize, categorize, calculate indicators, classify, develop models, algorithmize, manage, organize, plan research processes, evaluate results. Skills and skills for solving professional problems are not formed
100% - 50%	credited	the characteristic of the indicator corresponds to "excellent", "good", "satisfactory"
49% or less	not credited	the characteristic of the indicator corresponds to "unsatisfactory"

7. CONTENT DISCIPLINES

7.1. Content of lectures

<p>Topic 1. The problem of innovations in the economy; innovation, innovation, innovation Basic concepts of innovation. The growing role of innovation in a market economy.</p>
<p>Topic 2. Innovations in organizations. Typology of innovations. Novelty and its properties. The value aspect of innovation and the development of competition. Diffuse processes in innovation. Grouping innovations on the most general grounds: by the degree of novelty, by the type of innovation; the mechanism of implementation and the specifics of the innovation process. Identification of additional, more specific grounds for classifying innovations (according to the complexity of the innovation; according to innovative potential; in relation to its predecessor; according to the level of development and distribution; according to the areas of development and distribution; according to the sources of generating new ideas).</p>
<p>Topic 3. Development and current state of innovation management Innovation management as an independent area of science and professional activity aimed at implementing innovations. Innovation management as a set of principles, methods and forms of management of the innovation process.</p>
<p>Topic 4. Innovation process and innovative activity. Formation and implementation of innovative projects The main types of organizational forms of innovation. Intracorporate forms of organization of innovation processes. Forms of small innovative entrepreneurship and "incubator programs". Innovative goals, ideas, projects and programs. The cyclical nature of innovation processes.</p>
<p>Topic 5. Features of making management decisions in innovative management. Decisions to achieve the ultimate goal.</p>
<p>Topic 6. Socio-psychological aspects of innovation Social base of innovation, innovation, innovation process. Role and positions in innovations. The reasons for the resistance of the staff in the implementation of innovations.</p>
<p>Topic 7. Expertise of innovation processes. Business plan of an innovative project and its content Tasks and basic techniques of examination. First, second and third level of expertise. Goals, objectives and some features of the development of a business plan for the project. The structure of the business plan of the project. Opportunities of the firm (resume). Definition of an innovative project</p>
<p>Topic 8. Evaluation of the effectiveness of innovation and innovation. Investment in the innovation process Effectiveness of using innovations. Overall cost-effectiveness of innovation. The effectiveness of innovation. Innovative activity as an investment object. Investment attractiveness of the project. Attractiveness criteria. Tasks and techniques of economic examination of an enterprise or project.</p>
<p>Topic 9. Risk management in innovation processes. Factors influencing the success of innovations in the organization. Destabilizing factors Uncertainty and risks in the innovation process. Classification and identification of risks. Market orientation of innovations. Communication and organizational and structural difficulties that prevent the establishment of effective relationships between employees of the organization.</p>
<p>Topic 10. Markets in the field of innovative entrepreneurship Market of innovations (innovations).</p>

7.2 Content of practical exercises and laboratory work

<p>Topic 1. The problem of innovations in the economy; innovation, innovation, innovation The main types of innovations identified by modern economic science.</p>
<p>Topic 2. Innovations in organizations. Typology of innovations. Novelty and its properties. Transfer of innovations. Alternatives to doing R&D on your own. Novelty as an indispensable property and independent value of any innovation.</p>
<p>Topic 3. Development and current state of innovation management Management of the processes of creating new knowledge. Creativity management.</p>

<p>Topic 4. Innovation process and innovative activity. Formation and implementation of innovative projects Interfirm scientific and technical cooperation in innovation. Technopolises, scientific-technological and scientific-industrial parks and their role in the creation and diffusion of innovations. Organizational innovation strategies. The innovative potential of the organization.</p>
<p>Topic 5. Features of making management decisions in innovative management. Choice of alternatives</p>
<p>Topic 6. Socio-psychological aspects of innovation External and internal factors of rejection and inhibition of innovation in the organization.</p>
<p>Topic 7. Expertise of innovation processes. Business plan of an innovative project and its content Selection methods for innovative projects. Characteristics of goods (services). Competition in the sales market. Marketing plan. Production plan.</p>
<p>Topic 8. Evaluation of the effectiveness of innovation and innovation. Investment in the innovation process Characteristics of the results of innovation. The rate of return when financing innovative projects. Sources of financing.</p>
<p>Topic 9. Risk management in innovation processes. Factors influencing the success of innovations in the organization. Destabilizing factors Methods for analyzing and assessing the risks of the innovation process. Risk reduction methods in innovation. Effectiveness of innovation management and control over their implementation. Conditions for motivating the organization's innovative activity. The main reasons that impede the implementation of innovations.</p>
<p>Topic 10. Markets in the field of innovative entrepreneurship A market of pure competition. Capital (investment) market.</p>

7.3. Content of independent work

<p>Topic 1. The problem of innovations in the economy; innovation, innovation, innovation The concept and content of "life cycles" of innovations, innovations and innovation processes.</p>
<p>Topic 2. Innovations in organizations. Typology of innovations. Novelty and its properties. Decision-making methodology in innovation. The main factors that determine novelty. The period of novelty. Absolute and relative novelty. Local, partial, conditional, market and value novelty.</p>
<p>Topic 3. Development and current state of innovation management Management of the development of innovations. Management of social and psychological aspects of innovation. Tasks of innovation management.</p>
<p>Topic 4. Innovation process and innovative activity. Formation and implementation of innovative projects Formation of federal and transnational financial and industrial groups. Program-target and project management of innovative activities. Features of marketing innovation.</p>
<p>Topic 5. Features of making management decisions in innovative management. Features of decision-making technology for innovation.</p>
<p>Topic 6. Socio-psychological aspects of innovation External and internal factors of rejection and inhibition of innovation in the organization.</p>
<p>Topic 7. Expertise of innovation processes. Business plan of an innovative project and its content Indicators of the effectiveness of an innovative project. Organizational plan. Legal support of the project. Economic risk and insurance. Funding strategy. Financial plan. Conclusion.</p>
<p>Topic 8. Evaluation of the effectiveness of innovation and innovation. Investment in the innovation process Entering the technology market as a result of innovation. Cost-effectiveness of innovation. Selection methods for innovative projects. Investment portfolio formation. Indicators of the effectiveness of projects.</p>

<p>Topic 9. Risk management in innovation processes. Factors influencing the success of innovations in the organization. Destabilizing factors Risk management strategy in the organization. The content of technical, production, organizational, socio-psychological and other interacting factors that destabilize the process of innovation in the organization.</p>
<p>Topic 10. Markets in the field of innovative entrepreneurship State support for innovation</p>

7.3.1. Sample questions for self-preparation for a test / exam
Annex 1

7.3.2. Practical assignments in the discipline for self-preparation for a test / exam
Appendix 2

7.3.3. List of term papers
The curriculum is not provided.

7.4. Student electronic portfolio
Materials are not posted.

7.5. Methodical recommendations for the implementation of control work
The curriculum is not provided.

7.6 Methodological recommendations for the implementation of course work
The curriculum is not provided.

eight. PECULIARITIES ORGANIZATIONS EDUCATIONAL PROCESS ON DISCIPLINE FOR PERSONS WITH LIMITED OPPORTUNITIES HEALTH

By a statement student

V purposes accessibility assimilation programs for persons with limited opportunities health at the need chair provides the following conditions:

- special order assimilation discipline, with taking into account fortunes their health;
- electronic educational resources on discipline v forms, adapted To restrictions their health;
- the study disciplines on individual educational plan (outside dependencies from shape training);
- electronic education and remote educational technologies, which envisage possibilities reception and transmission information v available for them forms.
- access (remote access), To modern professional bases data and information reference systems composition which defined RPD.

nine. SCROLL BASIC AND ADDITIONAL EDUCATIONAL LITERATURE, NECESSARY FOR DEVELOPMENT DISCIPLINES

Site libraries USUE

<http://lib.usue.ru/>

Main literature:

1. Baldin K. V., Barysheva A. V., Makridenko E. L., Perederyaev I. I., Barysheva A. V. Innovative management: a tutorial. - Moscow: Dashkov and K °, 2017 .-- 380 p.
2. Alekseeva MB, Vetrenko PP Analysis of innovative activity [Electronic resource]: Textbook and workshop. - Moscow: Yurayt Publishing House, 2019 .-- 303 - Access mode: <https://www.biblio-online.ru/bcode/433247>

3. Artyakov V.V., Chursin A.A. Innovation management. Methodological tools. [Electronic resource]: Textbook. - Moscow: Scientific Publishing Center INFRA-M, 2019. - 206 p. - Access mode: <https://znanium.com/catalog/product/1013514>

Additional literature:

1. Naumov, Zakharova Innovative activity of the enterprise: a textbook for university students studying in the direction 38.03.01 (080100.62) "Economics", profile "Economics of enterprises and organizations", qualification "bachelor"). - Moscow: INFRA-M, 2015.-- 256 p.

2. Anisimov Yu. P., Bychkov VP, Kuksova IV Management of innovations: a textbook for students and undergraduates studying in the direction of preparation 03.03.02 (080200) "Management" (profile "Production management"). - Moscow: INFRA-M, 2015.-- 147 p.

3. Belikova IP Innovation management: textbook (short course of lectures). - Stavropol: Stavropol State Agrarian University, 2014.-- 76 p.

ten. SCROLL INFORMATION TECHNOLOGIES, INCLUDING SCROLL LICENSE SOFTWARE SUPPORT AND INFORMATION REFERENCE SYSTEMS, ONLINE COURSES, USED AT IMPLEMENTATION EDUCATIONAL PROCESS ON DISCIPLINE

List of licensed software:

Microsoft Windows ten .The contract No. 52/223-PO / 2020 from 04/13/2020, Act No. Tr000523459 from 10/14/2020. Term actions licenses 30.09.2023.

Astra Linux Common Edition. Contract No. 1 from 13 June 2018, Act from 17 December 2018. Term actions licenses - without restrictions term.

Microsoft Office 2016 Agreement No. 52/223-PO / 2020 from 04/13/2020, Act No. Tr000523459 from 10/14/2020 Term actions licenses 30.09.2023.

My office standard. Agreement No. SK-281 from 7 June 2017. date conclusions - 07.06.2017. Term actions licenses - without restrictions term.

The list of information reference systems, resources of the information and telecommunication network "Internet":

eleven. DESCRIPTION MATERIAL AND TECHNICAL BASES, NECESSARY FOR IMPLEMENTATION EDUCATIONAL PROCESS ON DISCIPLINE

Implementation educational disciplines carried out with using logistical base USUE, providing holding of all species educational occupations and research and independent work students:

Special premises present by myself educational audience for holding of all species classes, group and individual consultations, the current control and intermediate certification.

Premises for independent work learners equipped with computer technique with opportunity connectivity To the network "Internet" and providing access v electronic information and educational Wednesday USUE.

Everything premises staffed specialized furniture and equipped with multimedia equipment special equipment (information and telecommunication, other computer), access To information retrieval, legal reference systems electronic library systems bases data the current legislation, other information resources employees for representation educational information big audience.

For holding occupations lecture type presentations and other educational-visual benefits, providing thematic illustrations.