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**Federal State Autonomous Educational Institution for Higher Education**  
**PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA**  
**Agrarian and Technological Institute**

## **WORKING COURSE SYLLABUS**

### **Fundamentals of Economics and Management**

**Recommended by the Methodological Council for the Education Field:**

**36.05.01 Veterinary medicine**

**2022 г.**

## 1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of mastering the discipline "**Fundamentals of Economics and Management**" is the formation of students' professional knowledge about the phenomena and processes of economic life of society, about the methods and tools for studying these phenomena, about the ways and means of solving economic problems. This discipline is designed to form economic thinking and skills of behavior of economic actors in a market economy.

## 2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "**Fundamentals of Economics and Management**" is aimed at creating the following competencies (parts of competencies) for students:

*Table 2.1. List of competencies formed by students during the development of the discipline (results of the development of the discipline)*

<b>Code</b>	<b>Competence</b>	<b>Indicators of competence accomplishment (within the discipline)</b>
UK-1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action.	UK-1.1 Analyzes the task, highlighting its basic components;
		UK-1.2 Defines and ranks the information required to solve the task;
		UK -1.3 Searches for information to solve the task by various types of queries;
		UK-1.4 Offers solutions to the problem, analyzes the possible consequences of their use;
		UK -1.5 Analyzes the ways of solving problems of a philosophical, moral and personal nature based on the use of basic philosophical ideas and categories in their historical development and socio-cultural
UK -2	The ability to manage a project at all stages of its life cycle.	UK-2.1 Formulates a problem, the solution of which is directly related to the achievement of the project goal;
		UK -2.2 Defines the links between the tasks set and the expected results of their solution;
		UK -2.3 Within the framework of the tasks set, determines the available resources and restrictions, the current legal norms;
		UK -2.4 Analyzes the schedule for the implementation of the project as a whole and chooses the best way to solve the tasks, based on the current legal norms and available resources and limitations;

		UK -2.5 Monitors the progress of the project, adjusts the schedule in accordance with the results of the control.
UK -3	The ability to organize and manage the work of the team, developing a team strategy to achieve the goal.	UK-3.1 Defines his role in the team based on the strategy of cooperation to achieve the goal;
		UK-3.2 Formulates and takes into account in its activities the peculiarities of the behavior of groups of people, identified depending on the goal;
		UK-3.3 Analyzes the possible consequences of personal actions and plans his actions to achieve the desired result;
		UK-3.4 Exchanges information, knowledge and experience with team members;
		UK -3.5 Argues his point of view regarding the use of the ideas of other team members to achieve the goal;
		UK -3.6 Participates in team work on the execution of assignments.
UK-10	The ability to make informed economic decisions in various areas of life	UK -10.1 Understands the basic principles of the functioning of the economy and economic development, the goals of the form of state participation in the economy;
		UK -10.2 Applies methods of personal economic and financial planning to achieve current and long-term financial goals;
		UK -10.3 Uses financial instruments to manage personal finances (personal budget), controls its own economic and financial risks.
PC -16	Ability to organize organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases	PC-16.1 He is able to assess the impact of animal housing and feeding conditions on their health as part of the implementation of action plans for the prevention of animal diseases
		PC-16.2 He is able to carry out veterinary quality control and procurement of animal feed in order to ensure their veterinary and sanitary safety as part of the implementation of action plans for the prevention of animal diseases
		PC-16.3 He is able to detect deviations from the plan of timing, types, quality of

		measures to prevent the occurrence of non-infectious animals
		PC-16.4 Take corrective measures to implement measures to prevent the occurrence of non-infectious animal diseases based on the results of control
		PC-16.5 Conduct conversations, lectures, seminars for employees of the organization in order to explain the principles of work on the prevention of animal diseases
PC -20	Ability to develop an annual plan of antiepidemiological measures, a plan for the prevention of non-infectious animal diseases, a plan of veterinary and sanitary measures.	PC-20.1 Able to conduct epidemiological examination of the organization, territory.
		PC-20.2 He is able to develop an annual plan of antiepidemiological and antiparasitic measures, a plan for the prevention of non-infectious animal diseases, a plan of veterinary and sanitary measures.
		PC-20.3 He is able to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them.
PC -23	The ability to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them.	PC-23.1 He is capable of collecting and analyzing information, including veterinary statistics data, necessary to assess the effectiveness of preventive antiepidemiological measures, prevention of non-infectious animal diseases, veterinary and sanitary measures.
		PC-23.2 Able to evaluate the effectiveness of preventive measures and methods of their implementation, including using special software.
		PC -23.3 He is able to make suggestions on the correction of measures for the prevention of animal diseases on the basis of the analysis carried out.

### 3. COURSE IN HIGHER EDUCATION

The discipline "**Fundamentals of Economics and Management**" belongs to the part formed by the participants of educational relations of the block B1 of the Educational Program of Higher Education.

As part of the Educational Program of Higher Education, students also master other disciplines and /or practices that contribute to achieving the planned results of mastering the discipline "**Fundamentals of Economics and Management**".

*Table 3.1. List of Higher Education Program components disciplines that contribute to expected learning outcomes*

<b>Competence code</b>	<b>Competence</b>	<b>Previous Disciplines (Modules)</b>	<b>Subsequent Disciplines (Modules)</b>
UK-1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action.	History Philosophy Life safety Obstetrics, gynecology and andrology Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Organization of veterinary affairs Maths	Veterinary deontology The basics of intellectual work Zoopsychology Organization of state veterinary supervision Career management Space technologies at the service of the agro-industrial complex Reconstructive surgery
UK -2	The ability to manage a project at all stages of its life cycle.	Philosophy Organization of veterinary affairs Maths Introduction to the specialty	Veterinary deontology Economics and organization of agricultural production The basics of intellectual work Personality psychology and professional self-determination Veterinary and industrial laboratories with design basics Career management Space technologies at the service of the agro-industrial complex
UK -3	The ability to organize and manage the work of the team, developing a team strategy to achieve the goal.	Law science Life safety Operative surgery with topographic anatomy Internal diseases General surgery Private Veterinary Surgery	Veterinary sanitation Veterinary deontology The basics of intellectual work Personality psychology and professional self-determination Basics of social and legal knowledge

		Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary affairs Maths Basics of Rhetoric and Communication Introduction to the specialty	
UK-10	The ability to make informed economic decisions in various areas of life	Veterinary and sanitary examination Organization of veterinary affairs Maths	Economics and organization of agricultural production Veterinary and industrial laboratories with design basics
PC -16	Ability to organize organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases	Veterinary genetics Life safety Physiology and ethology of animals Breeding with the basics of private animal husbandry Animal health and welfare Feeding animals with the basics of forage production Obstetrics, gynecology and andrology Internal diseases General surgery Private Veterinary Surgery Organization of veterinary affairs	Economics and organization of agricultural production Medicinal and poisonous plants Fodder plants Zoopsychology Здоровье и благополучие животных Horse diseases Diseases of Productive Animals Diseases of small pets Болезни мелких домашних животных Diseases of bees and entomophages Fish pathology and aquaculture Diseases of exotic animals Veterinary ophthalmology Animal Dentistry
PC -20	Ability to develop an annual plan of antiepidemiologic measures, a plan for the prevention of non-infectious	Veterinary Microbiology and Mycology Animal health and welfare	Veterinary sanitation Economics and organization of agricultural production

	animal diseases, a plan of veterinary and sanitary measures.	Feeding animals with the basics of forage production Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary affairs	Здоровье и благополучие животных Diseases of bees and entomophages Fish pathology and aquaculture
PC -23	The ability to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them.	Breeding with the basics of private animal husbandry Animal health and welfare Toxicology Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Organization of veterinary affairs Forensic veterinary examination and dissection of animals	Veterinary sanitation Economics and organization of agricultural production Здоровье и благополучие животных Organization of state veterinary supervision Diseases of bees and entomophages Fish pathology and aquaculture

#### 4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Fundamentals of Economics and Management**" is 2 credits.

*Table 4.1. Types of academic activities during the period of the HE program mastering for **full-time** study*

Types of academic activities	HOURS	Semesters			
		2			-
Contact academic hours	18	18	-	-	--
including					
Lectures	-	-	-	-	--

Lab work		-	-	-	-	--
Seminars (workshops/tutorials)		18	18	-	-	--
Self-study		48	48	-	-	--
Evaluation and assessment (exam/pass/fail grading)		6	6	-	-	--
<b>Course workload</b>	Academic hour	<b>72</b>	<b>72</b>	-	--	-
	Credit unit	<b>2</b>	<b>2</b>	-	--	-

Table 4.2. Types of academic activities during the period of the HE program mastering for *part-time* study

Types of academic activities	HOURS	Semesters				
		3			-	
Contact academic hours	18	18	-	-	--	
including						
Lectures	-	-	-	-	-	
Lab work	-	-	-	-	-	
Seminars (workshops/tutorials)	18	18	-	-	-	
Self-study	44	44	-	-	-	
Evaluation and assessment (exam/pass/fail grading)	10	10	-	-	-	
<b>Course workload</b>	Academic hour	<b>72</b>	<b>72</b>	-	-	-
	Credit unit	<b>2</b>	<b>2</b>	-	-	-

## 5. CONTENT OF THE DISCIPLINE

Table 5.1 Content of the discipline (module) by type of academic work

Name of the discipline section	Content of the section (topics)	Types of academic activities
Section 1. Economics	Topic 1.1. Subject, method and tasks of economic science	Seminar classes
	Topic 1.2. The Market Mechanism	Seminar classes
	Topic 1.3. Factor markets	Seminar classes
	Topic 1.4. Consumer behavior	Seminar classes
	Topic 1.5 Theory of the Firm	Seminar classes
Section 2. Management	Topic 2.1. Basics of management	Seminar classes
	Topic 2.2. Interaction of the person and the organization	Seminar classes

	Topic 2.3. The external and internal environment of the organization	Seminar classes
	Topic 2.4 Designing an organization	Seminar classes

## 6. CLASSROOM INFRASTRUCTURE AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Material and technical support of the discipline*

<i>Classroom for Academic Activity Type</i>	<i>Equipping the classroom</i>	<b>Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)</b>
Seminary	An auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a set of specialized furniture and multimedia presentation equipment.	-
Self-studies	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to an electronic information and educational environment.	-

## 7. RECOMMENDED SOURCES FOR COURSE STUDIES

*Main reading:*

1. Iohin V. I. Economic theory : textbook for universities / V. Iohin. - 2nd edition, revised. and add. - Moscow : Publishing house Yurait, 2022. - 353 c
2. Economic theory : a textbook for universities / V.F. Maximova [and others] ; under the general editorship of V.F. Maximova. - 2 nd ed., revised. and add. - Moscow : Publishing house Yurait, 2022. - 592 c.
3. Ivanova I. A. Management : textbook and practical work for universities / I. A. Ivanova, A. M. Sergeev. - Moscow : Publishing house Right, 2022. - 305 c.
4. Management : textbook for high schools / Y. V. Kuznetsov [etc.] ; under the editorship of Yu. V. Kuznetsov. - Moscow : Publishing University, 2022. - 448 c.

*Additional Reading:*

1. Melnik M.V. Theory of economic analysis: textbook for undergraduate and graduate programs / M.V. Melnik, V.L. Pozdeev. - M.: Publishing house Yurait, 2016. - 261 c.
2. Petrov A. N. Management: textbook for bachelors / A. N. Petrov; ed. by A. N. Petrov. - 2nd ed. amended and supplemented - M. : Publishing house Yurait, 2016. - 645 c.
3. management. Practicum : textbook for universities / Y. V. Kuznetsov [et al.] ; under the editorship of Yu. V. Kuznetsov. - Moscow : Publishing University, 2022. - 246 c.
4. Sukharev, O. S. Economic theory. Modern problems : textbook for universities / O. S. Sukharev. - Moscow : Publishing house Yurait, 2022. - 215 c.
5. Polikarpova T. I. Economic theory : textbook and practical work for universities / T. I. Polikarpova. - 4-th edition, revised and supplemented - Moscow: Publishing house Right, 2022. - 254 c.

*Resources of the Internet information and telecommunication network:*

1. Electronic library system of RUDN and third-party Electronic library systems to which university students have access on the basis of concluded contracts:

- Electronic library system of RUDN - ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library online" <http://www.biblioclub.ru>
- ELS Yurayt <http://www.biblio-online.ru>
- ELS "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
- ELS "Lan" <http://eZlanbook.com/>
- ELS "Trinity Bridge" <http://www.trmost.com/>

2. Databases and search engines:

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- search engine Yandex <https://www.yandex.ru/>
- search engine Google <https://www.google.ru/>
- abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Educational and methodological materials for independent work of students during the development of the discipline/ module\*:

1. A course of lectures on the discipline "**Fundamentals of Economics and Management**".
2. Assignments for independent work on the discipline "**Fundamentals of Economics and Management**".

\* - All educational and methodological materials for independent work of students are placed in accordance with the current procedure on the discipline page in the **Telecommunication educational and Information System!**

## **8. MID-TERM ASSESSMENT**

Evaluation materials and a point-rating system\* for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "**Fundamentals of Economics and Management**" are presented in the Appendix to this Work Program of the discipline.

\* - Assessment Materials and a Point Rating System are formed based on the requirements of the relevant local regulatory act of the RUDN.

**DEVELOPER:**

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and Environmental Safety

Position, Basic curriculum

Signature

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Full name.

**HEAD OF THE DEPARTMENT:**

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