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ФИО: Ястребов Олег Александрович
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Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
Agrarian and Technological Institute

WORKING COURSE SYLLABUS

Economics and organization of agricultural production

Recommended by the Methodological Council for the Education Field:

36.05.01 Veterinary medicine

1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of the mastering the discipline "**Economics and organization of agricultural production**" is the formation of professional knowledge in the field of organization of agricultural production.

2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "**Economics and organization of agricultural production**" 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)

Шифр	Компетенция	Индикаторы достижения компетенции (в рамках данной дисциплины)
UK-2	Ability to manage the 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 and the expected results of their solution;
		UK -2.3 Within the framework of the objectives, determines the available resources and limitations, the applicable legal regulations;
		UK-2.4 Analyzes the plan-schedule of the project as a whole and chooses the best way to solve the tasks, based on current legal regulations and available resources and constraints;
		UK-2.5 Controls the progress of the project, adjusts the schedule according to the results of the control.
UK-10	Ability to make sound economic decisions in different areas of life	UK-10.1 Understands the basic principles of economic functioning and economic development and 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 tools for personal finance management (personal budget), controls own economic and financial risks".

GPC-3	The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of agro-industrial complex.	GPC-3.1 He knows modern legal norms, both state and international, regulating activities in the field of veterinary medicine, veterinary and sanitary expertise and agro-industrial complex.
		GPC-3.2 He has the skills to update legal information, including in the field of agro-industrial complex.
		GPC-3.3 Carries out activities in accordance with regulatory legal acts in the field of agro-industrial complex, as well as in the field of veterinary medicine and veterinary and sanitary expertise.
GPC -5	The ability to draw up special documentation, analyze the results of professional activity and submit accounting documents using specialized databases.	GPC-5.1 Has the skills to search for the necessary forms of documentation on official websites and in specialized databases.
		GPC-5.2 Possesses professional terminology and skills in filling out analytical and reporting documents of a professional orientation.
		GPC-5.3 He is able to use specialized software to analyze the results of professional activity and compile accounting documentation.
PC-16	The ability to organize organizational, technical, zootechnical and veterinary activities aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases	PC-16.1 Capable of assessing the impact of animal housing and feeding conditions on animal health as part of the implementation of animal disease prevention plans
		PC-16.2 Is able to carry out veterinary control of the quality and procurement of animal feed to ensure their veterinary and sanitary safety as part of the implementation of plans for the prevention of animal diseases
		PC-16.3 Able to identify deviations from the plan of timing, types, quality of measures to prevent the occurrence of non-communicable animals
		PC-16.4 Take corrective measures to implement measures to prevent the occurrence of non-communicable diseases of animals based on the results of control
		PC-16.5 Conduct talks, lectures, seminars for employees of the organization 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	Ability to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them	PC -23.1 He is able to collect and analyze information, including veterinary statistics data, necessary to assess the effectiveness of preventive epidemiological measures, prevention of non-infectious animal diseases, veterinary and sanitary measures
		PC-23.2 He is 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
PC-24	Ability and readiness to promote veterinary knowledge, including in the field of animal disease prevention	PC-24.1 Able to set goals to promote veterinary knowledge, plan strategy and tactics for upcoming events
		PC-24.2 Able to use computer and telecommunication tools to prepare and display materials used in the process of promoting veterinary knowledge
		PC-24.3 Able to hold talks, lectures, seminars for employees to explain the principles of animal disease prevention

3. COURSE IN HIGHER EDUCATION

The discipline " **Economics and organization of agricultural production**" refers to the mandatory part of 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 " **Economics and organization of agricultural production**".

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

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
UK-2	Ability to manage the project at all stages of its life cycle.	Philosophy Organization of veterinary science Mathematics Introduction to Specialty Basics of Economics and Management Veterinary Deontology	Basics of intellectual labor Psychology of personality and professional self-determination Veterinary and production laboratories with basics of design Career management Space technologies in agroindustrial complex
UK-10	Ability to make sound economic decisions in different areas of life	Veterinary and sanitary expertise Organization of veterinary science Mathematics Basics of Economics and Management	Veterinary and production laboratories with design fundamentals
GPC-3	The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of agro-industrial complex.	Law Life Safety Breeding with the basics of private zootechnics Veterinary pharmacology Toxicology Parasitology and parasitic diseases Epizootology and infectious diseases Organization of veterinary science General and veterinary ecology Veterinary Sanitary Science Technology of animal products	Organization of state veterinary supervision Veterinary and production laboratories with design fundamentals Career Management Basics of socio-legal knowledge Preparation for and passing the state exam

		processing Veterinary deontology Laboratory diagnostics of infectious and parasitic diseases	
GPC-5	The ability to draw up special documentation, analyze the results of professional activity and submit accounting documents using specialized databases.	Veterinary genetics Informatics Breeding with the basics of private zotechnics Clinical diagnostics Pathological anatomy Operative surgery and topographic anatomy Instrumental methods of diagnostics Obstetrics Gynecology and andrology Internal diseases Parasitology and parasitic diseases Epizootology and infectious diseases Veterinary and sanitary expertise Organization of veterinary science Veterinary deontology Clinical laboratory diagnostics Laboratory diagnostics of infectious and parasitic diseases Educational practice.	Forensic veterinary examination and autopsy of animals Organization of state veterinary supervision Veterinary and production laboratories with the basics of design Anesthesiology Resuscitation and intensive care Dermatology Cardiology Endocrinology Nephrology General professional practice
PC-16	The ability to organize organizational, technical, zotechnical and veterinary activities aimed at the prevention of non-communicable diseases in	Veterinary genetics Life safety Animal physiology and ethology Breeding with the basics of private	Diseases of horses Diseases of productive animals Diseases of small pets Diseases of small pets Diseases of bees and

	accordance with the plan for the prevention of non-communicable animal diseases	zootechnology Animal health and welfare Feeding animals with the basics of feed production Obstetrics gynecology and andrology Internal diseases General surgery Private veterinary surgery Organization of veterinary business Basics of Economics and Management Medicinal and poisonous plants Forage plants Zoopsychology Animal Health Training Practicum	entomophages Fish pathology and aquaculture Diseases of Exotic Animals Veterinary Ophthalmology Animal stomatology General professional practice Preparation for and passing the state exam
PC-20	Ability to develop an annual plan of antiepzootic measures, a plan for the prevention of non-infectious animal diseases, a plan of veterinary and sanitary measures.	Veterinary microbiology and mycology Animal health and welfare Feeding animals with the basics of fodder production Internal non-contagious diseases General surgery Private veterinary surgery Parasitology and parasitic diseases Epizootology and infectious diseases Organization of veterinary business Basics of Economics and Management Veterinary Sanitation Animal Health	Bee diseases and entomophages Fish pathology and aquaculture General professional practice Preparation for and passing the state exam
PC-23	Ability to analyze the	Breeding with the	Forensic veterinary

	effectiveness of measures for the prevention of animal diseases in order to improve them	basics of private zootechnics Animal health and welfare Toxicology Internal non-contagious diseases General surgery Private veterinary surgery Parasitology and parasitic diseases Epizootology and infectious diseases Veterinary and sanitary expertise Organization of veterinary science Basics of Economics and Management Veterinary Sanitation Animal Health	examination and autopsy of animals Organization of state veterinary supervision Bee diseases and entomophages Fish pathology and aquaculture General professional practice Preparing to take and passing the state exam
PC-24	Ability and readiness to promote veterinary knowledge, including in the field of animal disease prevention	animal physiology and ethology Breeding with the basics of private zootechnics Animal health and welfare Feeding animals with the basics of fodder production Pathological physiology. Pathological anatomy. Toxicology. Obstetrics Gynecology and andrology. Internal non-contagious diseases. General surgery. Private veterinary surgery. Parasitology and invasive diseases	Diseases of horses Diseases of productive animals Diseases of small pets Diseases of small pets Diseases of bees and entomophages Fish pathology and aquaculture Diseases of exotic animals Dermatology Cardiology Endocrinology Nephrology Reconstructive and reconstructive surgery Veterinary Ophthalmology Animal stomatology General professional practice Preparation for and passing the state exam

		Epizootology and infectious diseases Basics of rhetoric and communication Introduction to Specialty General and veterinary ecology Veterinary sanitation Veterinary deontology Medicinal and poisonous plants Forage plants Zoopsychology Animal Health Foreign language for special purposes Russian language for special purposes Foreign language. Translation of special texts Russian language. Translation of special texts Foreign language. Professional communications Russian language. Professional communications	
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4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Economics and organization of agricultural production**" 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			
		9	-	-	-
Contact academic hours	36	36	-	-	-
including					
Lectures	18	18	-	-	-
Lab work	18	18	-	-	-

Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		28	28	-	-	-
Evaluation and assessment (exam/pass/fail grading)		8	8	-	-	-
Course workload	Academic hour	72	72	-	-	-
	Credit unit	2	2	-	-	-

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			
			A	-	-	-
Contact academic hours		36	36	-	-	-
including						
Lectures		18	18	-	-	-
Lab work		18	18	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		20	20	-	-	-
Evaluation and assessment (exam/pass/fail grading)		16	16	-	-	-
Course workload	Academic hour	72	72	-	-	-
	Credit unit	2	2	-	-	-

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 and organization of production	Topic 1.1 Introduction to the discipline	Lectures, Lab work
	Topic 1.2 Placement, specialization and cooperation and integration in agriculture.	Lectures, Lab work
	Topic 1.3 The main resources of agricultural production.	Lectures, Lab work
	Topic 1.4 Production costs and pricing in agriculture.	Lectures, Lab work
Section 2. Economics of agricultural production	Topic 2.1 Экономика производства зерна	Lectures, Lab work
	Topic 2.2 Economics of vegetable and potato production.	Lectures, Lab work

	Topic 2.3 Economics of feed production and use	Lectures, Lab work
	Topic 2.4 Economics of livestock industries	Lectures, Lab work

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>	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
Lecture	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a board (screen) and technical means of multimedia presentations.	-
Laboratory	An auditorium for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and 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. Koryagina N. V. Economics, organization and bases of technology of agricultural production : a textbook for universities / N. V. Koryagina, L. A. Maslova. - Moscow : Publishing House Yurait, 2022. - 185 c.
2. Economics of Agriculture : textbook for high schools / N. Y. Kovalenko [etc.] ; under the editorship of N. Y. Kovalenko. - Moscow : Publishing house Yurait, 2022. - 406 c.
3. Minakov I.A. Economics and management of enterprises, branches and complexes of agroindustrial complexes [Electronic resource] : textbook / I.A.

Minakov. - SPb. Publishing house "Lan", 2017. - 404 c.

Additional Reading:

1. Shalyapina I.P. Strategic planning of the agroindustrial complex enterprise activity [Electronic resource] : textbook / I.P. Shalyapina, O.Yu. - SPb. : Lan Publishing House, 2017. - 140 c. - (Textbooks for universities. Special literature). - ISBN 978-5-8114-2390-3.
2. Shalyapina I.P. Planning at the enterprise of agroindustrial complex [Electronic resource] : textbook / I.P. Shalyapina, O.Y. Antsiferova, E.A. Myagkova. - 2nd ed. - SPb. : Lan Publishing House, 2017. - 176 c. (Textbooks for universities. Special literature). - ISBN 978-5-8114-2115-2
3. Nechaev V.I. Economy of enterprises of agroindustrial complex + CD [Electronic resource] : textbook / V.I. Nechaev, P.F. Paramonov, I.E. Khalyavka. - SPb. Lan' Publisher, 2010. - 464 c. - (Textbooks for Universities. Special literature). - ISBN 978-5-8114-0967-9.
4. Nechaev V.I. Organization of production and entrepreneurship in the agroindustrial complex [Electronic resource] : textbook / V.I. Nechaev, P.F. Paramonov, Yu.I. Bershitsky; Ed. by P.F. Paramonov. - 2nd ed. amended and supplemented. :

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
 - ELS "Lan" <http://e.lanbook.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 "**Economics and organization of agricultural production**".
2. Laboratory workshop on the discipline "**Economics and organization of agricultural production**".

* - 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 "**Economics and organization of agricultural production**" 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:

Associate Professor of Department of technosphere safety

Position, Basic curriculum

Signature

Zharov A.N.

Full name.

HEAD OF THE DEPARTMENT:

Department of Veterinary Medicine

Name Basic Curriculum

Signature

Vatnikov Yu.A.

Full name.

HEAD OF THE HIGHER EDUCATION PROGRAM:

Director of the Department of Veterinary Medicine

Position, Basic curriculum

Signature

Vatnikov Yu.A.

Full name