

**Educational Establishment
"Grodno State Agrarian University"**

APPROVED BY

Rector of education establishment
"Grodno State Agrarian University"

_____ V.K. Pestis

«_____» _____ 2019

Registration No.УД - ____/уч.

ECONOMICS OF THE WORLD FOODSTUFF MARKETS

Educational establishments curriculum
for master's degree programs: 1-258001 «Economics»

GRODNO 2019

COMPILER:

A.A. Kozlov, head of the Department of economics AIC "Grodno state agrarian University", candidate of agricultural Sciences, associate Professor

REVIEWERS:

I.I. Bychek, head of the Department of Economics and management "Grodno state University Y. Kupaly", candidate of economic Sciences, associate Professor

I.N. Doroshkevich, Vice-rector of educational work "Grodno state agrarian University", candidate of economic Sciences, associate Professor

IT HAS BEEN RECOMMENDED TO CONFIRMING BY:

Department economics AIC

(the protocol No. 9 from 23.05.19);

Methodical council of Establishment of education "Grodno state agrarian university"(the protocol No. 7 from 07.06.19).

1. EXPLANATORY NOTE

1.1 Relevance of the study of the discipline

The need to study the course "Economics of world food markets" stems from its relevance. In the conditions of transition of Belarus to the market and its integration into the world economy, it is important to obtain knowledge about the development of the agricultural sector of other countries, which creates the possibility of familiarization with foreign experience and its application in domestic agriculture and access to world markets with agricultural products and products of its processing.

The course is included in the mandatory component of the cycle of special disciplines provided by the curricula for the specialty of magistracy 1-25 80 01 "Economics", specialization "agricultural Economics".

1.2 Goals and objectives of the discipline

The aim of the course is to provide undergraduates with a system of theoretical knowledge about the basic laws of development of world agriculture and its branches, the state of food production and agricultural raw materials in the world, world trade, resources of world agriculture, the mechanism of state regulation of agriculture in foreign countries.

The objectives of the discipline are:

- formation of ideas about the location of productive forces in the regions and countries of the world, the territorial organization of the economy, international economic relations;
- familiarization with the goals and objectives of agricultural policy;
- formation of the idea of organization of international trade and functioning of the market in the world agriculture.

1.3 Requirements for the level of development of the content of educational disciplines

As a result of studying the discipline, a master's student must consolidate and develop the following educational, professional and special competences:

EC-1. Be able to apply the methods of scientific knowledge (analysis, comparison, systematization, abstraction, modeling, data validation, decision-making, etc.) in independent research activities, generate and implement innovative ideas;

EC-2. Independently to study new methods of economic designing, researches, the organization of production;

EC-4. To use fundamental economic knowledge in professional activity;

EC-6. Possess the methodology of scientific knowledge, be able to analyze and evaluate the content and level of philosophical and methodological problems in solving problems of research and innovation.

EPC-2. Be able to analyze the features of macroeconomic policy under different initial conditions of the economy, to develop measures of macroeconomic policy;

EPC-5. Be able to carry out data analysis to solve economic, managerial, research tasks.

SC-1. Be able to apply the methods of institutional analysis to the study of socio-economic phenomena and processes for the improvement of economic policy;

SC-4. Be able to analyze the development of the national economy and its individual sectors, to justify the activities of the state industry (including innovation) policy;

SC-6. To be able to assess the state of economic security at different levels of the national economy, to identify the factors of its dynamics and to anticipate crisis phenomena in the sphere of economic security;

SC-10. Be able to use in practice the basic methods and tools of marketing analysis.

In the process of studying the discipline the undergraduate must:

know:

- the subject and methodology of the course, the stages of formation and content of the theory of the world agricultural economy, its structure and development trends;
- manifestation of the international division of labor, internationalization and transnationalization, globalization, international economic integration in the international agrarian sphere;
- features of functioning of world food markets;
- ways to improve the investment climate in the country, methods of attracting foreign investment;
- the content and mechanism of functioning of the state agrarian policy on the example of foreign experience;
- directions and forms of participation of different countries and Belarus in the system of world agrarian economy;
- to assess the processes taking place in the world agricultural economy, to determine the trends and prospects of its development, as well as individual countries, groups of countries, their place in the international agricultural division of labor and the degree of openness of the economy;

- to use the concepts and principles of the organization of world food trade;
- analyze the state and use the mechanisms of functioning of international agricultural markets;
- to critically assess the state of individual agricultural sectors and determine the most promising directions for the entry of the national economy into the world economic relations.

1.4 Structure of the content of the discipline

The course will include the study of the prerequisites for the OS and main stages of formation of modern system of world agriculture; trends and mechanisms of the global nutrition market; familiarization with the state of the global and national food security and identification of measures for its maintenance; the study of perspective directions and forms of participation of the Republic of Belarus in the modern system of world agricultural economy.

The development of the discipline is based on the competencies acquired by undergraduates in the study of modules "Theoretical Economics", "Methods of economic analysis", "Economic policy".

1.5 Teaching methods (technologies)

The study of the discipline involves attending lectures, practical classes, independent work of undergraduates.

The main methods (technologies) of training that meet the objectives of the discipline are:

- elements of problem-based learning (problem statement, variation statement, partially-search method) implemented in the lectures;
- elements of educational and research activities and creative approach implemented in practical classes and in independent work;
- design technologies used in the analysis of a particular object or situation, implemented in the performance of design work.

1.6 Organization of independent work of undergraduates

When studying the discipline the following forms of independent work of undergraduates are used:

- preparation for practical (seminar) classes;
- preparation of the abstract and individual task on the fixed subject of discipline and performance with its materials at practical (Seminary) classes;
- preparation for delivery of theoretical and practical tasks, offset;
- work in the library and with Internet resources.

1.7 Diagnostics of undergraduate competencies

The final assessment of educational achievements and knowledge of undergraduates is made by the results of passing the test.

Evaluation of intermediate educational achievements the criteria approved by the Ministry of education of the Republic of Belarus are used.

The following diagnostic tools are used to assess achievements:

- conducting ongoing surveys on selected topics;
- protection of individual tasks performed in practical classes;
- protection of individual tasks performed within the framework of independent work;
- passing the test on the discipline.

Total hours of discipline 108, of which 36 classroom hours, including 18 hours of lectures, 18 hours – seminars and practical classes.

2. MAINTENANCE OF THE TRAINING MATERIAL

Theme 1. Basics of food security

The concept of the agricultural market and the food market, the background of the origin. Trends in the development of world agriculture. Factors that determine the development of world agriculture: reduction of acreage (causes), restrictions on the growth of biological yields, reduction of pasture cattle breeding, reduction of resources of the world ocean, unfavorable situation, etc. Strategies for the development of agriculture in different countries. World food market. Causes of aggravation of socio-economic aspects of the food problem. Institutional conditions for the formation of the agricultural market. Ecological aspects of agricultural production.

The essence of the food market, its tasks and role in providing the population with food. Functions of markets depending on their types. Problems of product market management. Ways to solve night-night problems.

Scientific levels of food supply. Parameters of energy expenditure of the organism, the type of activity and levels of provision with basic nutrients. The structure of human nutrition.

Theoretical aspects of food demand. Consumer behavior, its analysis and difference of approaches. Elasticity of demand for products and its relationship to income and price. Features of changing demand for various foods. Demand forecasting models.

The concept of the proposal. The influence of the supply factor on the level of demand. Elasticity of supply. Supply change factors.

The price factor of formation of demand and agricultural market infrastructure. Causes of market price fluctuations. Interregional price differences.

Theme 2. Food security and agricultural policy

The essence of food security and independence, goals and objectives to achieve it. The concept of national food security.

Indicators for assessing food security. Consumption indices of individual products and integral consumption Index. The concept of physical and economic accessibility of food. Food security monitoring and forecast.

Strategy of national food security, directions and economic conditions of its achievement. Balance of food resources. Food dependence and its consequences.

Directions of agrarian policy to ensure food independence, its aspects. Methods of evaluation of agricultural policy. Innovative way of agribusiness development.

Theme 3. World agriculture resources

Land as a production resource. The role of land in agriculture. Specificity of land as a means of production. The concept of agricultural land in the world, their types. Agricultural development of the territory in different regions and countries. Arable land as the most productive part of agricultural land. The level of ploughing in the world, regions, countries. Land security and its indicators in different countries and regions. Problems of land use in agricultural production.

The concept of labor resources of world agriculture. The number and structure of the population employed in world agriculture. The problem of the use of labor resources in the agricultural sector.

The concept of material and technical resources, their specificity in the agricultural sector. Provision of material and technical resources of agricultural enterprises in different countries. Indicators of technical equipment in the world, regions and countries. The role of leasing in world agriculture.

Theme 4. Structure of world agricultural production

The concept of the territorial structure of world agriculture. Factors determining the territorial structure of world agriculture. The role of the international division of labor in world agriculture. Types of agriculture in crop production. Types of agriculture in animal husbandry.

Classification of agricultural enterprises in the world practice: on the basis of marketability, size, form of ownership of land, the degree of employment, by type of employment, by organizational and legal forms.

Farming as the main type of agricultural enterprises in developed countries. Efficiency of farming abroad. Farming in Western Europe, in the USA, in Belarus.

The concept of concentration of agricultural production, the ways of its implementation. Consequences of concentration of agricultural production. Perception of cooperation in world agriculture, its necessity and goals. Types of agricultural cooperatives in world practice. Development of cooperation in different countries.

Theme 5. International food trade

Prerequisites for the formation of international trade. The essence of the international food market, its structure. Commodity structure of the world food market. Advantages of countries in trade and specialization. Forms of relations and alliances in the market. The world trade and economic system and the essence of the changes taking place in it. Globalization of the world economy and the impact on transition economies. International organizations (UN, FAO, WTO, IMF) in the

context of the impact on food markets. Features of Belarus ' accession to the WTO. Agreement on agriculture.

Pricing in the world food market. Factors affecting the level of world food prices.

Theme 6. State regulation of agricultural production and trade in the world

Objective prerequisites of state regulation of the agricultural sector. Goals and objectives. Instruments of state regulation of agriculture. Administrative method. Economic method. Principles of state regulation of agriculture. World experience of state regulation of the agricultural sector.

The need for price regulation in the agricultural sector. The main directions of price policy in the agricultural sector of foreign countries. Direct and indirect regulation of agricultural prices. Price regulation system in the USA, EU.

The need for tax policy in the agricultural sector. The system of taxation of agricultural producers in Western countries: types of taxes, tax benefits.

The need for fiscal policy. The volume of government grants and subsidies in different countries. The main goals and objectives of budget financing. The need and importance of credit policy for agriculture. Credit system for agricultural producers in foreign countries.

The need for state investment policy in the agricultural sector. The main directions of agricultural investment policy in foreign countries.

Relevance of application of foreign experience of the state regulation of agrarian sector, adaptation in the conditions of transition to the market.

Theme 7. The role of different countries in world production and trade in agricultural and food products

Brief description of developed countries. The importance of agriculture for their economy. The role of developed countries in world agriculture: in production, trade, in certain sectors of agriculture. Employment in agriculture. Intensification of agriculture in developing countries. Food security in developed countries.

Brief description of developing countries. The importance of agriculture for the economies of developing countries in world agriculture: production, trade. Employment in agriculture. The need for agricultural reform in developing countries. The food problem in developing countries.

Brief description of countries with economies in transition. The importance of agriculture for countries in transition. Role in world agriculture: in production, trade. Employment in agriculture. Foodsecurity.

The Republic of Belarus in world agriculture. The importance of agriculture in the country's economy. The importance of agrarian integration for Belarus. The place of Belarus in world agriculture. Food security in Belarus. Prospects for the development of the agricultural sector.

Theme 8. World production and trade plant growing

Economic importance of crop production. The main branches of crop production. Communication with livestock industries.

The role of grain production. Acreage in the world, regions and countries. Gross production in the world, regions and countries. Production per capita in the world, individual regions and countries. Productivity of grain crops in the world, regions and countries. World trade, major exporters and importers. Dynamics of indicators of development of the industry.

Economic importance of potato growing. Acreage in the world, regions and countries. Gross production in the world, regions and countries. Production per capita in the world, individual regions and countries. Potato yields in the world, regions and countries. World trade, major exporters and importers. Dynamics of indicators of development of the industry.

The economic importance of the sugar sub-complex. Sugar cane and sugar beet and their role in the development of the sugar subcomplex.

The role of production of technical crops. Types of technical crops. Development of vegetable growing, fruit growing, viticulture in the world. Production of oilseeds. Acreage in the world, regions and countries. Gross production in the world, regions and countries. Production per capita in the world, individual regions and countries. Yields in the world, regions and countries. World trade, major exporters and importers. Dynamic indicators of development of the industry.

Development of vegetable growing, fruit growing, viticulture in the world. World production of "colonial" crops-tea, coffee, cocoa. Gross harvest, world trade. The role of developing countries in the development of the industry.

Theme 9. World livestock production and trade product

Economic importance of animal husbandry. The main branches of animal husbandry. Connection with crop production.

Pig farming is one of the most dynamic branches of world animal husbandry. Importance of the industry. Livestock, production, consumption of industry products. World trade, active exporters and importers.

Poultry farming as one of the fastest growing branches of the world animal husbandry. Importance of the industry. Livestock, production, consumption of industry products. World trade, active exporters and importers.

Cattle breeding and its main directions. Development of beef cattle breeding. Development of dairy cattle breeding in the world. Livestock, production, consumption of industry products. World trade, active ex-ports and importers.

The role of sheep. Livestock, production, consumption of industry products. World trade, active exporters and importers.

World development of goat breeding. Livestock, production, consumption of industry products. World trade, active exporters and importers.

Development of other branches of animal husbandry. Development of horse breeding in the world. Development of fur farming in the world. Development of ostrich breeding in the world. Development of beekeeping in the world. Livestock, production, consumption of industry products. World trade, active exporters and importers.

РЕПОЗИТОРИЙ ГНУ

3. TEACHING AND METHODOICAL MAP

For masters of specialty 1-25 80 01 "Economics" profiling - "Agricultural economy"

№ п/п	Title of the section, topics, classes; List of issues under study	Количество часов						Material se- curity of the country (technical, methodologi- cal, etc.)	Literatu- re	Forms control knowledge
		total	lectures	practical	laboratory	managed (controlled) independent student work	number of hours allocated for self- employment of students (including hours allocated for the course pro- ject)			
1	2	3	4	5	6	7	8	9	10	11
1.	Basics of food security 1. The concept of the food market, its im- portance and the nature of the food market 2. Main directions of world agriculture and food market development 3. Demand for agricultural products 4. Supply of agricultural products 5. Agricultural prices and factors of pro- duction	10	2	2			6	Computer- related instructions	[2,3,8,9, 12,24]	Discussion, presentations to the topic

1	2	3	4	5	6	7	8	9	10	11
2.	Food security and agricultural policy 1. The essence of food security, its structure and levels 2. Criteria and parameters of food security 3. Food security strategies 4. Food independence and agrarian policy	10	2	2			6	Computer-related instructions	[2,3,8,9, 24,25]	Discussion, presentations to the topic
3.	World agriculture resources 1. Land resources of world agriculture. Agricultural lands in the world, their structure 2. Labor resources of world agriculture 3. Material and technical resources of world agriculture	10	2	2			6	Computer-related instructions	[1,2,3,8, 10,13]	Discussion, presentations to the topic
4.	Structure of world agricultural production 1. Territorial structure of world agriculture 2. Types of agricultural enterprises in the world 3. Development of farming in the world 4. Concentration and cooperation in world agriculture	10	2	2			6	Computer-related instructions	[1,2,5,8, 10,15]	Discussion, presentations to the topic
5.	International food trade 1. Development of international trade in agricultural products 2. Formation of world prices for agricultural products	12	2	2			8	Computer-related instructions	[1,4,6, 10,16]	Discussion, presentations to the topic

1	2	3	4	5	6	7	8	9	10	11
6.	State regulation of agricultural production and trade in the world 1. The essence of state regulation of the agricultural sector, its necessity and main goals 2. Methods and directions of state regulation of agriculture abroad	12	2	2			8	Computer-related instructions	[2,5,8, 11,14, 21,22]	Discussion, presentations to the topic
7.	The role of different countries in world production and trade in agricultural and food products 1. Developed countries in world agriculture 2. Countries with economies in transition in world agriculture 3. Republic of Belarus in world agriculture 4. Developing countries in world agriculture	12	2	2			8	Computer-related instructions	[1,2,4,5, 7,8,10, 23]	Discussion, presentations to the topic
1	2	3	4	5	6	7	8	9	10	11
8.	World production and trade plant growing 1. Development of grain industry in the world 2. World potato production 3. Development of sugar subcomplex in the world 4. Production of technical crops in the world 5. Development of other branches of crop production in the world	16	2	2			12	Computer-related instructions	[1,2,4,5, 7,8,18, 19]	Discussion, presentations to the topic

1	2	3	4	5	6	7	8	9	10	11
9.	World livestock production and trade product 1. World market for milk 2. The global meat market 3. World pig breeding 4. World poultry 5. Development of cattle breeding in the world 6. World sheep and goat breeding	16	2	2			12	Computer-related instructions	[1,2,4,5, 7,8,18, 19]	Discussion, presentations to the topic
	TOTAL	108	18	18			72			

4. INFORMATION AND METHODOICAL PART

4.1 LITERATURE:

The main

1. Анурин В. Маркетинговые исследования потребительского рынка: уникальный отечественный опыт / В. Анурин, И. Муромкина, Е. Евтушенко. - СПб.: Питер, 2016. – 270 с.
2. Ильина З.М., Мирочицкая И.В. Рынки сельскохозяйственного сырья и продовольствия: Учеб. Пособие по изуч. Курса «Сельскохозяйственные рынки». – Мн.: БГЭУ, 2000. – 226 с.
3. Ильина З.М. Научные основы продовольственной безопасности – Мн.: ООО «Мисанта», 2001. – 228 с.
4. Клинов, В. Мировые товарные рынки и цены: учеб. / В.Г. Клинов, Л.С. Ревенко, Т.И. Ружинская. - М.: "МГИМО-Университет", 2012. – 499 с.
5. Коваленко Н.Я. Экономика сельского хозяйства с основами аграрных рынков: Курс лекций / Н.Я. Коваленко; Ассоциация авторов и издателей "ТАНДЕМ". - М.: ЭКМОС, 1998. – 448 с.
6. Кокушкина И.В., Воронин М.С. Международная торговля и мировые рынки: Учебное пособие, - С-Пб.: Техническая книга, 2010. – 386 с.
7. Колз, Р., Ул, Дж. Маркетинг сельскохозяйственной продукции – М.: Колос. – 2000. – 512 с.
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9. Сельскохозяйственные рынки / В.В. Шайкин, Р.Г. Ахметов, Н.Я. Коваленко и др. – М.: Колос, 2001. – 264 с.
10. Серова Е., Звягинцев Д. Мировая агропродовольственная система. Курс лекций. 2002. – 315 с.
11. Хохлов, А.В. Мировые товарные рынки: учеб. / А.В. Хохлов. - М.: ВАВТ, 2012. – 244 с.

Additional

12. Вёлькен Э. Введение в теорию сельскохозяйственного рынка: Пер. с нем. / Вёлькен Э. - 3-е изд., доп. - М.: Информагротех, 1999. – 280 с.
13. Вопросы формирования рынка труда и рациональной занятости в аграрной сфере: Аналитический обзор / А.С. Гайдуков, П.Д. Чернявский, Н.Л. Неверович, К.П. Чернявский; Белорусский научный институт внедрения новых форм хозяйствования в АПК (Минск). - Минск, 2003. – 56 с.
14. Государственное регулирование сельского хозяйства / Воробьев В.А., Константинов С.А., Шмыков В.Д. и др. – Минск: Ураджай, 1998. – 343 с.
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17. Комплексный анализ эффективности сельскохозяйственного

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19. Поляков В.В. Мировой рынок: вопросы прогнозирования. М., 2004. – 154 с.

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22. Серова Е.В., Шик О.В. Мировая аграрная политика / М., Издательский дом ГУ ВШЭ, 2007. – 276 с.

23. Теоретические и методологические основы развития аграрного рынка Беларуси / Под ред. В.Г. Гусакова, З.М. Ильина. – Мн.:ЦАЭНАН Беларуси, 2006.– 340с.

24. Формирование рынков сельскохозяйственной продукции. Методологические основы. Монография // Под ред. З.М. Ильиной. – Мн.: ЦАЭ ИЭ НАН Беларуси, 2006. – 396 с.

25. Ямпольская, Д.О. Ценообразование в условиях рынка / Д.О. Ямпольская. М.: Изд-во «Международные отношения», 2015. – 192 с.

26. Журналы: «Агроэкономика», «Белорусское сельское хозяйство», «Международный сельскохозяйственный журнал», «Сельскохозяйственный вестник», «Экономика сельскохозяйственных и перерабатывающих предприятий», «Финансы, учет, аудит» и др.

Questions to offset

1. The concept of the food market, its importance and the nature of the food market
2. Main directions of world agriculture and food market development
3. Demand for agricultural products
4. Supply of agricultural products
5. Agricultural prices and factors of production
6. The essence of food security, its structure and levels
7. Criteria and parameters of food security
8. Food security strategies
9. Food independence and agrarian policy
10. Land resources of world agriculture. Agricultural lands in the world, their structure
11. Labor resources of world agriculture
12. Material and technical resources of world agriculture
13. Territorial structure of world agriculture
14. Types of agricultural enterprises in the world
15. Development of farming in the world
16. Concentration and cooperation in world agriculture
17. Development of international trade in agricultural products
18. Formation of world prices for agricultural products
19. The essence of state regulation of the agricultural sector, its necessity and main goals
20. Methods and directions of state regulation of agriculture abroad
21. Developed countries in world agriculture
22. Countries with economies in transition in world agriculture
23. Republic of Belarus in world agriculture
24. Developing countries in world agriculture
25. Development of grain industry in the world
26. World potato production
27. Development of sugar subcomplex in the world
28. Production of technical crops in the world
29. Development of other branches of crop production in the world
30. World market for milk
31. The global meat market
32. World pig breeding
33. World poultry
34. Development of cattle breeding in the world
35. World sheep and goat breeding

**THE REPORT OF THE COORDINATION OF THE CURRICULUM ON
STUDIED THE COURSE OF STUDY WITH OTHER THE COURSES OF
STUDY OF THE SPECIALITY**

The name of the discipline, to which negotiation is required	Name departments	Proposals for changes in the content of the curriculum for the subject	Decision taken by the Department that developed the curriculum (with a decree on the date and number of the minutes)
Macroeconomic analysis and Politics	Department of the economic theory	There are no proposals for changes in content	The program is agreed (p. No. 9 of 23.05.2019)
State foodstuff security	Department of Organization of Production in AIC	There are no proposals for changes in content	The program is agreed (p. No. 9 of 23.05.2019)
Marketing analysis	Department of Management, Marketing and Law	There are no proposals for changes in content	The program is agreed (p. No. 9 of 23.05.2019)

ADDITIONS AND CHANGES FOR THE CURRICULUM
ON THE STUDIED SUBJECT MATTER

for 2020/2021 academic year

№	Additions and changes	Basis

The curriculum is reviewed and approved at the meeting of the department the department of economic theory (the report № from / /2020)

Head of the Department of economics AIC,
Candidate of Agricultural Sciences,
Associate Professor

Kozlov A.A.

Approved by
The Dean of the Economic Faculty
Candidate of Economic Sciences,
Associate Professor

Gribov A.V.