

Educational Establishment  
«The Grodno State Agrarian University»

APPROVED BY  
Rector of Educational Establishment  
«The Grodno State Agrarian University»  
\_\_\_\_\_ V.K.Pestis  
«\_\_\_\_\_» \_\_\_\_\_  
Registration №УД-/р.

ECONOMICS AND ENTERPRISE MANAGEMENT

Curriculum of higher education institutions  
by academic discipline  
for the specialty:1-26-02-02 "Management"  
Direction of specialization 1-26 02 02 07 "Information Management"

2020

The curriculum is based on the educational standard of higher education of the first stage in the specialty 1-26 02 02 07 "Management (direction – information)" (OSVO 1-26 02 02 07-2013).

**COMPILED by:**

L.I. NOVIK senior lecturer, Department of Economics of agro-industrial complex, Grodno state agrarian University

A. A. KOZLOV, candidate of agricultural Sciences, associate Professor, Department of Economics of agro-industrial complex, Grodno state agrarian University

**REVIEWERS:**

I. N. DOROSHKEVICH, candidate of economic Sciences, associate Professor, Grodno State Agrarian University

I.I. BYCHEK, candidate of economic Sciences, associate Professor, head of the Department of economics and enterprise management, Grodno State University

**RECOMMENDED FOR APPROVAL:**

Department of Economics of agro-industrial complex  
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## 1. EXPLANATORY NOTE

### Purpose and objectives of the discipline

Course "Economics and enterprise management» it is the most important fundamental discipline in the system of economic training of temporary personnel for organizations of various forms of ownership of the national economy of the Republic of Belarus. It includes a set of knowledge necessary for all managers, specialists, managers, entrepreneurs and researchers engaged in economic or scientific activities in the field of agro-industrial production.

Economics and enterprise management provides tools for technical and economic justification of the organization's functioning, assessment of the economic results of its activities, identification of shortcomings in the enterprise's economic policy, and development of organizational and technical measures to improve it.

Economics and enterprise management reveals and explains the laws of rational organization and implementation of production and commercial activities, studies the theoretical foundations and practical forms of functioning and interaction of business entities, the procedure for creating an enterprise, forms and methods of economic activity, analysis, management and execution of transactions in the markets of resources, goods and services.

In modern conditions, the requirements for specialists and managers of the organization are changing. A modern Manager-economist should possess theoretical knowledge in the field of organization Economics, skills of dynamic analysis of socio-economic phenomena, have the ability to implement scientifically based decisions in the field of innovation and investment activities, and respond adequately to changes in the market environment of the organization's functioning.

The purpose of the discipline is to form students ' holistic view of the organization's economy, knowledge of the rationale for making effective management decisions, develop systematic economic thinking, and teach them to solve complex economic problems.

#### Objectives of the discipline:

- study of the features of the functioning of an organization (enterprise) of various organizational and legal forms in a volatile market environment;
- development of skills for conducting complex economic calculations;
- development of skills to determine and justify the choice of an economically feasible strategy and tactics of economic activity of the organization (enterprise);
- systematic study of economic tools for assessing the level of economic efficiency of the organization (enterprise), ways to maximize profits, ensure the competitiveness of products and organizations;
- mastering methods of forecasting the development of economic processes and developing a strategy for the development of an organization (enterprise).

The place of the discipline in the system of training a specialist with higher education

The study of the discipline is based on the knowledge of educational disciplines: "Economic theory", "macroeconomics", "Microeconomics", which allows you to provide the necessary quality level of training.

In turn, the academic discipline of "Economics of organization (enterprise)" is a theoretical and methodological basis for studying such disciplines as "analysis of production and economic activity", "Planning in an organization (enterprise)", "Organization, regulation and remuneration", "Marketing and pricing", "Investment design".

#### Requirements to mastering level of the discipline

Curriculum of the discipline "Economics of organization (enterprise)" aimed at obtaining knowledge and skills necessary for the successful management of economic activities of the organization in a changing environment.

As a result of studying the discipline, the student must consolidate and develop the following academic (AK) and social and personal skills (SLK):

AK-1. Be able to apply basic scientific and technical knowledge to solve theoretical and practical problems;

AK-2. Possess system and comparative analysis;

AK-5. Be able to generate new ideas (be creative);

SLK-5. Be capable of criticism and self-criticism;

SLK-6. Be able to work in a team.

The specialist must have the following professional competencies (PC):  
organizational and management activities:

PC-2. Develop options for management decisions based on the analysis and justify their choice based on the criteria of socio-economic efficiency.

planning and economic activities:

The PC-9. Conduct a comprehensive economic analysis of all types of activities of the organization (enterprise) and develop measures for the effective use of resources, production capacities in order to increase the efficiency of production and economic activities;

PC-11. Prepare data for periodic reporting on time and in accordance with the forms established by the state statistical and analytical bodies;

PC-13. Make projects of planned calculations for products (works, services) and their structural elements, cost estimates for various activities of the organization (enterprise);

PC-15. Calculate the economic effect of implementing innovative projects, develop cost standards for the main types of raw materials, fuel, and energy consumed in production;

PC-16. Determine the competitiveness of goods, services, works, and the

organization (enterprise) as a whole.

production and technological activities:

PC-17. Participate in the development of production and technological processes;

PC-18. Use information and computer technologies;  
information and analytical activities

PC-23. Systematize statistical materials that characterize quantitative and qualitative indicators of the organization (enterprise) and its divisions;

PC-24. Study the results of the organization (enterprise) and its structural divisions and compare them with the indicators of other organizations (enterprises);

PC-25. Identify on-farm reserves and develop measures for their use;

PC-26. Conduct an operational economic analysis of the progress of planned tasks and measures to use reserves to increase the efficiency of production and economic activities.

innovation activities:

PC-33. Work with scientific, technical and patent literature.

As a result of studying the academic discipline, the student should know:

- the mechanism of functioning of the enterprise in the changing economic environment;

- methods and methods of planning the activities of the organization (enterprise);

- methodological basis for evaluating the effectiveness of the use of resources of the organization( enterprise), its functioning and development;

be able to:

- develop and justify the organization's plans that ensure its effective current activities and development strategy;

- evaluate the effectiveness of the use of production resources and activities of the organization (enterprise);

- develop comprehensive economic justifications for making management decisions on the implementation of investment and innovation programs, taking into account risk factors and ensuring environmental safety of production.

own:

- understanding of the organization of enterprises of various forms of ownership and various organizational and legal forms;

- skills to assess the effectiveness of the organization (enterprise) and its individual structural divisions;

- ability to develop and justify the effectiveness of innovation and investment projects;

- ways to determine the needs of the organization (enterprise) in various types of productive resources;

- skills in determining the estimated value of the organization( enterprise), the level of quality and competitiveness of products and organizations;

- understanding the essence of the work of specialists in the organizational

and economic departments of an industrial enterprise.

#### Structure of the academic discipline content

The total number of hours allocated to the study of the discipline is 280 hours, including 114 classroom hours, including 58 hours of lectures, 56 hours of practical training, 30 hours managed independent work, 60 hours are allocated for self-study, including 40 hours for writing course work. Assessment of the final acquired competencies is carried out at the end of the first semester in the form of a test, at the end of the second semester – an exam.

In accordance with the curriculum, the following subjects are assigned to study:

for the 2nd year of the faculty of Economics, the form of study is full – time, I semester:

the total number of 120 hours, out of which 52 classroom hours (lectures – 30 hours practical classes -22 hours), hours managed independent work-20 hours.

2 of the faculty of Economics form of study – day, II lo Mestre: the total number of 160 hours; of these: classroom 62 hours (lectures – 28 hours, practical training – 34 hours), hours managed independent work 10 hours.

## 2. CONTENT OF THE TRAINING MATERIAL

### Section I. INTRODUCTION TO THE DISCIPLINE "ECONOMICS AND ENTERPRISE MANAGEMENT". ORGANIZATION AND EXTERNAL ENVIRONMENT

#### **Topic 1.1. Goals, objectives and subject of the discipline "Economics and enterprise management"**

##### *Lecture*

The essence of the science "Economics and enterprise management". Purpose, objectives, and structure of the discipline. Methodology and place of the subject in the system of economic Sciences. Basic concepts of business Economics: categories, laws, and indicators.

##### *Practical class*

Introduction to the subject, methods, goals and objectives of the discipline "Economics and enterprise management", identification of interdisciplinary links between economic sectors.

#### **Topic 1.2. Industry as a leading branch of the national economy**

##### *Lecture*

Industry structure of the national economy. Industry and its role in the development of society. Distinctive features of industry from other branches of the national economy. Industrial structure: indicators of its assessment and factors that determine it. Problems of formation and priority directions of industrial policy. Inter-industry complexes.

##### *Practical class*

Determining the place and role of industries in the national economy, identifying current problems of their functioning, familiarizing with the structure and infrastructure of industry, indicators of economic and social efficiency of the enterprise. Introduction to the main intersectoral complexes of the Belarusian industry.

#### **Topic 1.3. Economic environment of the organization. State regulation of the company's activities**

##### *Lecture*

The economic environment of an organization: its essence, factors, and subjects. Properties of the economic environment and their assessment. Main characteristics of the external and internal environment of the organization. Marketing approach to the formation of the strategy and tactics of the organization (enterprise).

Principles and mechanism of state regulation of the economy. Fiscal, monetary, depreciation, scientific and technical and investment policy of the state. State entrepreneurship and public-private partnership.

##### *Practical class*

Introduction to the mechanism of the organization's functioning in the economic environment. Determining the priority of factor influence of the external and internal environment on the company's activities, the role of the state in the system of economic relations of the organization.

#### **Topic 1.4. Characteristics and characteristics of the organization (enterprise). The creation process of the enterprise**

##### *Lecture*

The concept of an organization( enterprise), goals and objectives of creation and functioning. The organization (enterprise) is the primary element of the economy. The main features of the organization (enterprise). Functions performed by the organization (enterprise). Organizational structure.

Classification of enterprises by various characteristics: by form of ownership, industry affiliation, size, participation of foreign capital, organizational and legal forms, etc. The life cycle of an enterprise (organization).

Organizational and economic conditions for creating an organization (enterprise). Stages of creating an enterprise. Procedure and methods for creating an organization (enterprise). Organizational design of the company and the procedure for forming the authorized capital.

##### *Practical class*

Familiarization with the concept of an organization (enterprise), its goals, objectives, characteristics, structure, classification, study of organizational and economic conditions for the creation of organizations (enterprises).

#### **Topic 1.5. Organizational and legal forms of enterprises. Associations of organizations**

##### *Lecture*

Organizational and legal basis for the creation and operation of a limited liability company, an additional liability company, an open joint-stock company, a closed joint-stock company, a production cooperative, and unitary enterprises. Advantages and disadvantages of various organizational and legal forms of enterprises.

Associations of organizations: types, goals, principles of creation and problems of ensuring effective functioning. Distinctive features of building economic relationships in business associations, concerns, consortia, holdings, financial and industrial groups, unions, cartels, syndicates and trusts.

Cluster approach to economic development. The concept of a cluster. Organization in the cluster system.

##### *Practical class*

Study of the basics of building various organizational and legal forms of organizations in the economy of Belarus. Familiarization with the advantages and disadvantages of various organizational and legal forms of economy.

Determination of the feasibility of combining organizations in various forms.



## **Topic 1.6 Forms of social organization of production: concentration, specialization, cooperation, combination of production**

### *Lecture*

The essence, forms and indicators of production concentration. Economic value of production concentration. Mergers and acquisitions. The optimal size of production. Antimonopoly regulation. Economic efficiency of concentration: factors, methods of determination.

Specialization of production: the nature, forms. System of indicators of the level and efficiency of specialization of industrial enterprises. Advantages and disadvantages of specialized organizations (enterprises).

Cooperation and integration of production: essence and forms. Types of cooperative integration formations. Factors that promote cooperation and the advantages of cooperative formations. Integration tasks, principles of formation of integration structures. The efficiency of cooperative-integrative processes. State and prospects of development of integration processes at the present stage.

The combination of production: concept, types and effectiveness. Integration as a way to increase the stability of organizations (enterprises) in market conditions.

### *Practical class*

Familiarization with the essence, forms and indicators of concentration, specialization, cooperation, integration, combination, acquisition of practical skills in calculating indicators of the level and economic effectiveness of specialization.

## **Section II. RESOURCE BASE OF THE ORGANIZATION (ENTERPRISE) AND THE EFFECTIVENESS OF ITS USE**

### **Topic 2.1. Labor and efficiency of its use**

#### *Lecture*

The concept of labor and labor resources. Fundamentals of the labor market. The staff of the organization (enterprise): essence, composition, and structure.

Indicators of human resource availability, movement and efficiency of personnel use. Working time balance: the essence and procedure of calculation.

Labour productivity. Natural, cost, and labor methods for measuring labor productivity. Labor intensity, types of labor capacity and areas of their effective application. Planning of labor intensity and labor productivity: methods and calculation procedure.

Factors and main directions of increasing labor productivity in the organization (enterprise) and the mechanism of their implementation.

#### *Practical class*

Familiarization with the concept and composition of labor resources, factors and main directions of increasing labor productivity in an organization (enterprise), acquisition of practical skills in calculating indicators of labor availability, economic efficiency of using labor resources.

### **Topic 2.2. Fixed assets and efficiency of their use**

### *Lecture*

The main production funds: the nature, composition, structure, classification. Factors that determine the structure of fixed assets.

Valuation of fixed assets: in-kind, cost. The types of value assessment of core funds. Revaluation of fixed assets.

Wear: essence, types. Methods for assessing physical and moral depreciation of fixed assets. The level of depreciation of fixed assets in organizations.

Depreciation: the essence and purpose. Depreciation rates and methods of their calculation. Depreciation methods (linear, non-linear and productive): their essence, economic assessment, and scope of application.

Reproduction of fixed assets: essence and forms. Performance indicators for updating fixed assets.

Leasing as a form of renewal of fixed assets: essence, economic assessment. Lease payment: calculation method and factors that determine it.

System of indicators of economic efficiency of the use of fixed assets of the organization (enterprise). The main directions of improving the efficiency of the use of fixed assets in the organization.

### *Practical class*

Familiarization with the concept of fixed assets, their composition, structure, types of valuation, depreciation, acquisition of practical skills for calculating lease payments, determining the economic efficiency of the use of fixed assets, mastering the methods of depreciation and leasing payments.

## **Topic 2.3. Working capital of an organization (enterprise) and the effectiveness of its use**

### *Lecture*

The nature, composition and structure of working capital. Classification of working capital. Turnover of working capital.

Current production assets: essence, composition and structure. Circulation funds: essence, composition and structure. The influence of industry characteristics on the structure of working capital.

The regulation and planning of working capital: the nature, purpose, methods. Norm and norm of working capital of the organization. Methodological basis for determining the need for inventory, work in progress, deferred expenses, and finished products. Sources of working capital formation and their economic assessment.

The indicators of efficiency of use of circulating assets. Factors that affect the efficiency of working capital use. Ways to improve the efficiency of working capital use.

### *Practical class*

Familiarization with the concept of working capital and current production funds, their composition, acquisition of practical skills in calculating indicators of economic efficiency of working capital use.

## **Topic 2.4. Material resources of the organization (enterprise) and efficiency of their use**

### *Lecture*

Material resources of the organization (enterprise): concept, composition, structure: concept, composition, structure, classification. Industrial waste: ways of its rational use and minimization.

Indicators of the level of use of raw materials and fuel and energy resources. Planning and rationing of consumption of material resources.

Factors and directions for improving the efficiency of using material resources. Resource- and energy-saving activities of the organization (enterprise).

Material and technical base of the enterprise, its composition and performance indicators.

### *Practical class*

Familiarization with the material and raw materials and fuel and energy resources, the material and technical base of the organization (enterprise), their composition, acquisition of practical skills in determining the level of use of material and fuel and energy resources, the efficiency of the use of the automobile fleet.

## **Topic 2.5. Intangible assets of an organization (enterprise). Intellectual property**

### *Lecture*

Economic essence and classification of intangible resources of the enterprise. Accounting and reflection of intellectual property objects in the property structure.

Composition and classification of intangible assets. Objects of industrial property, objects of copyright and related rights, objects of rights to use natural resources and property.

Valuation of intangible assets and their depreciation. Evaluation methods: cost, market, and revenue.

### *Practical class*

Familiarization with the concept of intangible assets, their composition and classification, mastering the methodology for evaluating intangible assets, calculating their depreciation.

## **Topic 2.6. Scientific and technological potential of the organization (enterprise) and its development**

### *Lecture*

Scientific and technological potential of the organization (enterprise) and its components.

Indicators of scientific and technological potential and economic assessment of its effectiveness.

The main directions of development of scientific and technological potential of the organization (enterprise).

### *Practical class*

Familiarization with the scientific and technological potential of organizations(

enterprises), its indicators, main directions, and methods for evaluating its effectiveness.

### Section III. FUNCTIONING OF THE ORGANIZATION (ENTERPRISE)

#### **Topic 3.1. The production process and the principles of its organization**

##### *Lecture*

Production process: concept and structure. Approaches to classification of production processes. Features of the organization and interaction of main, auxiliary and service industries.

Principles of production organization. Specialization, continuity, proportionality, parallelism, straightness and rhythm of production.

Forms of production organization. Comparative characteristics of the main organizational types of production: mass, serial and individual.

Methods of production organization. Distinctive features of the production cycle in the field of precision, batch and single production.

The concept of production reserves and their types. Methods for identifying production reserves.

##### *Practical class*

Introduction to the essence, principles, forms and methods of organizing the production process. Development of methods for identifying internal production reserves.

#### **Topic 3.2. Production structure of the enterprise: design mechanism. Infrastructure of the organization (enterprise)**

##### *Lecture*

The main features of the production enterprise. The structure of the enterprise, its main elements. Specialization of workshops: subject, sub-tal (aggregate), technological (stage), territorial, mixed type.

Enterprise infrastructure. Tool economy. Repair facilities. Transportation management. Enterprise supply and warehouse management. Product sales system.

Choosing the type of enterprise and the principle of building its workshops and production sites. Justification of the size of the enterprise. Layout of the enterprise and production sites. Proportionality of the company's parts. The ratio between the main and auxiliary workshops and sections.

##### *Practical class*

Familiarization with the structural production and infrastructure elements of the organization (enterprise). Development of enterprise design techniques.

#### **Theme 3.3. The planning system of the organization (enterprise)**

##### *Lecture*

The essence, goals, and tasks of planning. Planning the activities of an organization (enterprise) in the market conditions.

Planning forms and types of plans. Principles and methods of planning. Planning

objects in the organization (enterprise). The organization's planning system. Structure and content of the organization's plans. Features of strategic, current (tactical) and operational-production planning.

Business planning. Business plan for enterprise development: structure, content, and key indicators.

*Practical class*

Familiarization with the essence, goals, tasks, forms, types, principles and methods of planning, features of business planning.

### **Topic 3.4. Production program and production capacity of the organization (enterprise)**

*Lecture*

The production program of the organizations (companies): concept, structure, and purpose. Indicators and meters of the production program. The nomenclature and assortment of products.

Planning the production program of organizations (enterprises). Creating an organization's order portfolio. Features of formation of portfolio of orders of the organization on the basis of direct contracts. Government order. Taking into account market requirements when forming a production program. Factors that determine the possible volume of sales of the organization's products. The stages of development of the production program. Planning of production volumes.

Production capacity of organizations (enterprises) and methods of its calculation. Average annual production capacity. Factors that determine the amount of production capacity of organizations.

Indicators of production capacity utilization. Justification of the production program by existing production facilities. Planning the production capacity of organizations (enterprises).

*Practical class*

Familiarization with the concept of the production program, production capacity of organizations (enterprises), indicators and measures of the production program, and methods for calculating production capacity.

### **Topic 3.5. Costs and cost of products, goods and services of the organization (enterprise)**

*Lecture*

Economic content of production and sales costs. Expenses of the organization (enterprise): the nature and sources of coverage. Classification of costs. Fixed and variable, direct and indirect costs. Influence of industry features on the structure of production and sales support.

Cost of production: essence, classification, composition and structure. Cost elements and their characteristics. Methods for calculating the self-cost of products and services. Procedure for calculating the cost of certain types of products and services of an organization (enterprise). Cost estimates for production and sales of products: purpose, formation.

Factors and ways to reduce the cost of production of organizations (enterprises).

*Practical class*

Familiarization with the essence, types, elements of costs, their sources of coverage, cost of production, acquisition of practical skills in calculating the production and total cost of production, the structure of the cost of production.

Study of the pricing mechanism, methodology of product pricing.

### **Topic 3.6. The pricing system of an organization (enterprise)**

*Lecture*

Price: concept, role, functions, and types. Price system. Factors affecting prices. Pricing principles and approaches. Fundamentals of free market pricing. Tasks of the state price policy. Stages of price formation. Pricing mechanism. Price-forming components. The essence of the cost and market method of forming product prices.

*Practical class*

Study of the pricing mechanism, methodology of product pricing.

## **SECTION IV. DEVELOPMENT OF THE ORGANIZATION (ENTERPRISE)**

### **Topic 4.1. Innovations and innovative activities of the organization (enterprise)**

*Lecture*

Innovations: essence and classification. Innovative activity of the organization (enterprise). Characteristics of the innovation process, the content of its stages. Innovative projects: justification, methods and criteria for their selection.

Formation of an innovative strategy of the organization (enterprise). The impact of an organization's innovation strategy on the competitiveness of products and organizations.

Concept and elements of innovation infrastructure.

State regulation of innovation activity. Main directions of innovation activity.

*Practical class*

Familiarization with the essence, classification of innovations, innovative activities, innovative projects, innovative strategy of the organization (enterprise).

### **Topic 4.2. Investments and investment activities of the organization (companies)**

*Lecture*

Investments: essence, composition, structure. Objects and subjects of investments. Sources of investment financing. Classification of investments. Capital investments: features, composition and structure (production, technological, industry). Indicators for improving the efficiency of using capital investments.

Investment activity of the organization (enterprise). The concept of investment strategy and program, investment portfolio. Investment decision and principles of its adoption. State regulation of the organization's investment activity. Investment policy.

Investment projects: concept, types, classification. Evaluation of the effectiveness

of the investment project. Methods for determining net discounted income, the return on investment index, internal rate of return, and payback periods (simple and dynamic). Sensitivity of the investment project to risks.

Current state and ways to improve the efficiency of investment activities in the organization (enterprise).

#### *Practical class*

Familiarization with the essence of investments, their composition, structure, types, sources, investment activities of organizations (enterprises), investment project, acquisition of practical skills for evaluating the effectiveness of investment projects, calculating net discounted income, return on investment index, internal rate of return, payback period.

### **Topic 4.3. Quality, technical regulation and certification of products**

#### *Lecture*

The essence of product quality. The factors that determine the quality of the products.

The system of indicators of quality: a synthesis and differentiated. Methods for evaluating product quality. Product quality control in the organization (enterprise).

Product quality management in the organization (enterprises). Promotion of product quality improvement.

Quality system. Principles of building a quality system in accordance with the requirements of international standards. Certification of quality systems and products. Performance indicators of quality systems.

Influence of the product quality level on the economic development of the organization (enterprise).

#### *Practical class*

Familiarization with the concept of product quality, the factors that determine it, the system of quality indicators, the evaluation methodology, quality management, the quality system and the principles of its construction.

### **Topic 4.4. Competitiveness of the organization's products (enterprises)**

#### *Lecture*

Product competitiveness: essence and meters. Factors that determine the competitiveness of products. Methods for assessing the level of competitiveness of products (goods): direct and indirect, calculated, expert, matrix, graphical and combined, etc.

The competitiveness of the organization and its relationship with the competitiveness of products. External and internal factors of the organization's competitiveness. Methods for assessing the competitiveness of an organization: integrated; based on comparison of indicators of competitiveness of specific products of enterprises in a particular market; based on comparison of the ratio of the competitiveness of goods of the enterprise and its share in the market.

Competitive strategies of the organization (enterprise). The concept of a market niche. Types of competitive strategies.

The main directions of improving the competitiveness of products and organizations (enterprises).

*Practical class*

Familiarization with the concept of competitiveness of products and organizations, its indicators, factors, methods for assessing the level of competitiveness, the main directions for improving it, and competitive strategies of organizations (enterprises).

**Topic 4.5. Enterprise restructuring**

*Lecture*

Approaches to the concept of "restructuring". Directions of enterprise restructuring. Increasing the scope of the organization's activities: merger, acquisition, consolidation, purchase of property, joint venture, lease and leasing of property. Reduction of the scope of the organization's activities: division, allocation, sale of property, reduction of equity, leasing of property, co-building of a subsidiary, transfer, conservation and liquidation of property.

Changes in the production and organizational structure of the enterprise, the main elements. Restructuring by changing the composition and ownership structure of capital (assets and liabilities) and corporate control.

A systematic approach to restructuring: a hierarchy of tasks. Evolutionary restructuring. The sequence of work on restructuring. Sections of the project. Risks of the procedure and their prevention.

*Practical class*

Introduction to the concept of organization restructuring, its conditions, and the mechanism for conducting it. Develop practical skills to assess and prevent risks associated with transformation.

**Topic 4.6. Revenue, profit, profitability**

*Lecture*

Income: essence and types. Methods for determining the income of an organization (enterprise). Factors that affect the amount of income of the organization (enterprise).

Economic content of profit and its role in the activity of the organization (enterprise). Profit of the organization (enterprise): the essence, types, functions, mechanism of formation and use.

Methodology for calculating gross profit, profit from sales of products, profit from current activities, profit from investment, financial activities, net profit.

Planning the financial results of the organization (enterprise). Ways to increase the profit of the organization (enterprise).

Profitability: the essence, types, indicators and methods of their calculation. The relationship of profitability indicators with other indicators of the organization's economic activity. Factors that increase profitability.

*Practical class*

Acquisition of practical skills in calculating gross, net income, profit from sales of



products, profit from current activities, profit from investment, financial activities, net profit, the level of profitability of the organization (enterprise).

#### **Topic 4.7. Valuation of an organization (enterprise)**

##### *Lecture*

Cost of the organization (enterprise): economic essence, types, components. Features of real estate valuation of an organization (enterprise). Characteristics of economic situations that require an assessment of the organization's value. Business assessment: economic essence, distinctive features.

Dividend policy and its impact on the development of the organization (enterprise). Methods for estimating the value of an organization: characteristics, advantages, disadvantages, and application features.

##### *Practical class*

Familiarization with the essence of the value of the organization( enterprise), its types, components and methods of evaluation.

#### **Topic 4.8. Assessment of the financial condition of the organization (enterprise)**

##### *Lecture*

Composition and structure of the organization's balance sheet. Long-term and short-term assets of the company. Composition of the organization's equity, long-term and short-term liabilities.

A system of indicators that characterize the financial condition of an organization (enterprise).

Methodology for determining indicators of solvency, liquidity, and business activity.

##### *Practical class*

Familiarization with the composition and structure of the balance sheet, the composition of assets and equity of the organization (enterprise), the acquisition of practical skills in calculating indicators that characterize the financial state of the enterprise, indicators of solvency, liquidity, business activity.

### **SECTION V. INDUSTRY ECONOMY OF ORGANIZATIONS (ENTERPRISES) AGRIBUSINESS**

#### **Topic 5.1. Economy of the agro-industrial complex of the Republic of Belarus. Land resources of an agricultural organization (enterprise)**

##### *Lecture*

The role and place of the agro-industrial complex in the national economy. Composition and structure of the agro-industrial complex. Organizational and economic, reproduction and functional, territorial, product and raw materials structures of the agro-industrial complex. Signs and criteria for the formation of the product structure of the agro-industrial complex. Types of product subcomplexes. Methodology for determining indicators of economic efficiency of agro-industrial

production. Factors and ways to improve the economic efficiency of agro-industrial production.

The role and place of land as a factor of production. Land resources of an organization (enterprise) and their classification.

The role and place of land as a factor of production. Land resources of an organization (enterprise) and their classification. System of indicators of efficiency of land resources use. Current state and main ways to improve the economic efficiency of land use.

*Practical class*

Defining the place and role of agriculture in the national economy, identifying the actual problems of functioning of agroindustrial complex, familiarization with the structure and infrastructure, agriculture, indicators of economic and social efficiency of agriculture.

Acquisition of practical skills in calculating indicators of economic efficiency of agro-industrial production.

Introduction to the system for assessing the level and economic efficiency of land use in organizations (enterprises).

**Topic 5.2. Economics of organizations (enterprises) for the production and processing of grain**

*Lecture*

Role and place of the grain product subcomplex. Grain product subcomplex: composition, structure and main development trends.

Economic efficiency of functioning of industries and organizations (enterprises) included in the grain product subcomplex. Factors of effective development of the grain product subcomplex.

*Practical class*

Familiarization with the role, composition, and structure of the grain product subcomplex, identifying the main trends in its development, and acquiring practical skills to assess the economic efficiency of grain production, processing, and sales.

**Topic 5.3. Economics of organizations (enterprises) for the production and processing of fruit and vegetable products and potatoes**

*Lecture*

Role and place of the potato product subcomplex. Potato-product subcomplex: composition, structure, and main development trends. Economic efficiency of functioning of industries and organizations (enterprises) included in the potato product subcomplex. Factors of effective development of the potato product subcomplex.

Role and place of the vegetable subcomplex. Vegetable product subcomplex: composition, structure and main development trends. Economic efficiency of functioning of industries and organizations (enterprises) included in the vegetable subcomplex. Factors of effective development of the vegetable product

subcomplex.

Fruit and berry subcomplex: composition, structure, and main development trends. Factors and ways to improve the efficiency of production activities of organizations of the fruit and berry subcomplex.

*Practical class*

Familiarization with the role, composition, and structure of potato, vegetable, and fruit and berry subcomplexes, identification of the main trends in their development, and acquisition of practical skills to assess the economic efficiency of production, processing, and sale of potatoes, vegetables, and fruit and berry products.

#### **Topic 5.4. Economics of organizations (enterprises) for the production and processing of sugar beet**

*Lecture*

Role and place of the sugar beet subcomplex. Beet sugar sub-complex: composition, structure and main development trends.

Economic efficiency of functioning of industries and organizations (enterprises) included in the sugar beet subcomplex. Factors of effective development of the sugar beet subcomplex.

*Practical class*

Familiarization with the role, composition, and structure of the sugar beet sub-complex, identifying the main trends in its development, and acquiring practical skills to assess the economic efficiency of sugar beet production, processing, and sales.

#### **Topic 5.5. Economics of organizations (enterprises) of the fat-and-oil and flax subcomplex**

*Lecture*

Role and place of the fat-and-oil subcomplex. Fat-and-oil SUBCOM-Plex: composition, structure, and main development trends.

Economic efficiency of functioning of industries and organizations (enterprises) included in the fat-and-oil subcomplex. Factors of effective development of the fat-and-oil subcomplex.

Role and place of the linen subcomplex. A linen sub-complex: composition, structure and main development trends.

Economic efficiency of functioning of industries and organizations (enterprises) included in the linen subcomplex. Factors and ways to improve the efficiency of production and sale of flax products.

*Practical class*

Familiarization with the role, composition, and structure of the fat-and-oil sub-complex, identification of the main trends in its development, and acquisition of practical skills to assess the economic efficiency of production, processing, and sale of rapeseed and flax products.

## **Topic 5.6. Economics of organizations (enterprises) for the production of meat and milk**

### *Lecture*

Beef cattle breeding in the agro-industrial complex. State, level and trends of development of beef cattle breeding. Factors and ways to improve the efficiency of cattle meat production.

Pig farming in the agro-industrial complex. The state of the level and trends in development of pig production pork. Factors and ways to improve the efficiency of pork production.

Poultry farming in the agro-industrial complex. State, level and trends of poultry farming development. Factors and ways to improve the efficiency of poultry production.

Economic efficiency of functioning of industries and organizations (enterprises) included in the dairy subcomplex (production of raw materials). Factors and ways to improve the economic efficiency of milk production.

### *Practical class*

Familiarization with the role, composition, and structure of the meat subcomplex (production of raw materials), identification of the main trends in its development, and practical skills in assessing the economic efficiency of production of products for growing and fattening cattle, pigs, and poultry products.

Familiarization with the role, composition, and structure of the dairy subcomplex (raw material production), identification of the main trends in its development, and acquisition of practical skills to assess the economic efficiency of milk production.

## **Topic 5.7. Economics of organizations (enterprises) for the production of meat and dairy products**

### *Lecture*

Meat processing organizations in the agro-industrial complex. State, level and trends of development of processing of meat raw materials. Factors and ways to improve the efficiency of sub-sector enterprises.

Economic efficiency of functioning of organizations (enterprises) included in the system of the milk processing sub-sector. Factors of effective development of organizations that process and sell milk.

### *Practical class*

Familiarization with the role, composition, and structure of meat and milk processing sub-sectors, identification of the main trends in their development, and acquisition of practical skills to assess the economic efficiency of production and sale of meat and dairy products.

## **Topic 5.8. Economy feed subcomplex**

### *Lecture*

Feed subcomplex: composition, structure, and main development trends.

System of indicators for assessing the production potential of feed subcomplex organizations and methods for determining them. Indicators and level of economic

efficiency of technological stages of the production process of the final product of the feed subcomplex: production, storage, processing and sale. Factors and ways to improve the efficiency of production activities of organizations of the feed subcomplex.

*Practical class*

Familiarization with the role, composition, and structure of the feed subcomplex, identifying the main trends in its development, and acquiring practical skills to assess the economic efficiency of feed crop production.

**Topic 5.9. Economics of production and sale of products of small livestock industries**

*Lecture*

Classification and nomenclature of small branches of domestic livestock production. The role, value, and efficiency of production of sheep breeding, fur farming, rabbit breeding and beekeeping.

Economy of beekeeping and the domestic market of honey and other products. Economy of breeding and meat horse breeding. Economic efficiency of production and processing of small-scale livestock products.

*Practical class*

Familiarization with the classification and nomenclature, with the economic foundations of the functioning of small livestock industries.

РЕПОЗИТОРІЙ ГТАУ

**3. EDUCATIONAL AND METHODOLOGICAL CARD  
for the 2nd course "management" (full – time form of training)**

No. of a payment order	Name of the section, subject, occupation; the list of the studied questions	Number of hours						Material support of the lesson (visual, methodological aids, etc.)	Literature	Forms of knowledge control
		in total	lecture	the practical	the laboratory	the operated (controlled) independent work of the student	number of hours, the students allocated for independent work (including the hours allocated for performance of an academic year project)			
1	2	3	4	5	6	7	8	9	10	11
	<b>MODULE 1. INTRODUCTION TO THE DISCIPLINE " ECONOMICS AND ENTERPRISEMANAGEMENT". ORGANIZATION AND THE EXTERNAL ENVIRONMENT</b>	<b>42</b>	<b>12</b>	<b>12</b>			<b>18</b>			
<b>1.</b>	<b>Goals, objectives and subject of the discipline «Economics and enterprise management»</b> 1.1 Subject and objectives of the course «Economics and enterprise management» 1.2 Methodology of science 1.3 Economics and enterprise management in the system of economic sciences	6	2				4	Computer presentation, guidelines	[2,10,12,13,17]	Oral survey, test tasks

<p><b>2. Industry as a leading branch of the national economy</b>  2.1 Industry and its role in the development of society  2.2 Industry structure: concept, evaluation indicators  2.3 Industrial policy of the Republic of Belarus and directions of transformation of the sectoral structure of industry</p>	7	2	2				3	Computerpresentation, guidelines	[1,2,4,5, 8,18, 23]	Oral survey, research papers on the topic, testtasks
<p><b>3. The economic environment of the organization's functioning. State regulation of the company's activities</b>  3.1 Economic environment of the organization (enterprise) functioning  3.2 Marketing approach to the formation of the strategy and tactics of the organization (enterprise)  3.3 the Organization (enterprise) is the object of state regulation</p>	8	2	4				2	Computerpresentation, guidelines	[2,4,5, 17]	Oral survey, research papers on the topic, testtasks
<p><b>4. Characteristic features and attributes of the organization (enterprise). The process of creating an enterprise</b>  4.1 Organization (enterprise): goals and objectives, attributes, structure  4.2 Classification of organizations (enterprises)  4.3 Creation of organizations (enterprises)</p>	6	2	2				2	Computerpresentation, guidelines	[2,4,5, 17]	Oral survey, research papers on the topic, testtasks



5.	Organizational and legal forms of enterprises. Associations of organizations 5.1 Organizational and legal forms of organizations (enterprises) 5.2 Associations of organizations: types, goals, principles of creation and problems of ensuring the effectiveness of functioning 5.3 Cluster approach to economic development	8	2	2			4	Computerpresentation, guidelines	[2,4,5, 17]	Oral survey, research papers on the topic, testtasks
6.	<b>Forms of social organization of production: concentration, specialization, cooperation, combination of production</b> 6.1 Essence, forms and indicators of concentration of production 6.2 Specialization of production: essence, forms 6.3 Cooperation and integration of production: essence and forms 6.4 Combining production: concept, types and effectiveness	7	2	2			3	Computerpresentation, guidelines	[2,4,5, 7,8,18]	Oral survey, essays on the topic, test tasks, practical tasks, control module 1
<b>MODULE 2. RESOURCE BASE OF THE ORGANIZATION (ENTERPRISE) AND THE EFFECTIVENESS OF ITS USE</b>		<b>40</b>	<b>12</b>	<b>12</b>			<b>16</b>			
7.	<b>Labor and efficiency of its use</b> 7.1 The concept of labor and labor resources, features of labor in organizations 7.2 Personnel of the organization and	8	2	2			4	Computerpresentation, guidelines	[2,4,10, 12,17]	Oral survey, essays on the topic, test tasks, practical tasks

	<p>their structure</p> <p>7.3 Indicators of security and efficiency of the use of labor resources</p> <p>7.4 Labor productivity: essence, characteristics and indicators</p> <p>7.5 Main factors and ways to increase labor productivity</p>									
<b>8.</b>	<p><b>Fixed assets and efficiency of their use</b></p> <p>8.1 The nature of fixed assets, their classification and structure</p> <p>8.2 Types of valuation of fixed assets</p> <p>8.3 Physical and moral depreciation of fixed assets</p> <p>8.4 Depreciation of fixed assets, methods and methods of establishing depreciation charges</p> <p>8.5 Reproduction of fixed assets. Leasing</p> <p>8.6 Indicators and ways to improve the use of fixed assets</p>	7	2	2			3	Computerpresentation, guidelines	[2,4,5,10,12,14]	Oral survey, essays on the topic, test tasks, practical tasks
<b>9.</b>	<p><b>Working capital of the organization (enterprise) and efficiency of its use</b></p> <p>9.1 Nature, composition and structure of working capital</p> <p>9.2 Regulation and planning of working capital: the nature, purpose, methods</p> <p>9.3 Indicators and ways to improve the efficiency of working capital use</p>	7	2	2			3	Computerpresentation, guidelines	[2,4,10,12,17]	Oral survey, essays on the topic, test tasks, practical tasks

10.	<b>Material resources of the organization (enterprise) and efficiency of their use</b> 10.1 Material resources of the organization (enterprise): concept, composition, structure 10.2 Planning and rationing of material resources consumption 10.3 Factors and directions for improving the efficiency of the use of material resources 10.4 Material and technical base of the organization (enterprise): essence, composition, and performance indicators of use	6	2	2			2	Computerpresentation, guidelines	[2,4,10,12,17]	Oral survey, essays on the topic, test tasks, practical tasks
11.	<b>Intangible assets of the organization (enterprise). Intellectual property</b> 11.1 Economic nature and classification of intangible resources of the enterprise 11.2 Valuation of intellectual property objects	6	2	2			2	Computerpresentation, guidelines	[2,4,10,12,17]	Oral survey, essays on the topic, test tasks, practical tasks
12.	<b>Scientific and technological potential of the organization (enterprise) and its development</b> 12.1 Scientific and technological potential of the organization: concept, structure, evaluation mechanism 12.2 Main directions of development of scientific and technological	6	2	2			2	Computerpresentation, guidelines	[2,4,10,12,13,17,18]	Essays on the topic, test tasks, control module 2

	potential of the organization (enterprise)									
<b>MODULE 3. FUNCTIONING OF ORGANIZATION (ENTERPRISE)</b>		<b>40</b>	<b>12</b>	<b>12</b>			<b>16</b>			
<b>13.</b>	<b>The production process and the principles of its organization</b> 13.1 Process of production: the concept and structure of 13.2 Principles of production organization 13.3 Forms, types and methods of production organization 13.4 Intra-production reserves and methods of their identification	6	2	2			2	Computer presentation, guidelines	[1-3, 5,10, 19,21]	Oral survey, essays on the topic, test tasks.
<b>14.</b>	<b>Production structure of the enterprise: design mechanism. Infrastructure of the organization (enterprise)</b> 14.1 Structure of the enterprise, its main elements 14.2 Designing the production structure of the enterprise 14.3 Enterprise infrastructure	7	2	2			3	Computer presentation, guidelines	[1-3, 5,10, 19,21]	Oral survey, essays on the topic, test tasks
<b>15.</b>	<b>Organization (enterprise) activity planning system)</b> 13.1 The essence, goals and objectives of planning the activities of the organization (enterprise) 13.2 Forms, types, principles and methods of planning 13.3 Business plan for the development of the organization	6	2	2			2	Computer presentation, guidelines	[2,4,5, 7,8,18]	Oral survey, essays on the topic, test tasks

	(enterprise): structure, content and key indicators									
<b>16.</b>	<b>Organization (enterprise) activity planning system</b> 13.1 The essence, goals and objectives of planning the activities of the organization (enterprise) 13.2 Forms, types, principles and methods of planning 13.3 Business plan for the development of the organization (enterprise): structure, content and key indicators	7	2	2			3	Computer presentation, guidelines	[2,4,5,7,8,18]	Oral survey, essays on the topic, test tasks, practical tasks
<b>17.</b>	Costs and cost of products, goods and services of the organization (enterprise) 17.1 Concept and classification of production and sales costs 17.2 Cost of production: essence, classification, composition and structure 17.3 Cost calculation 17.4 Planning and accounting of production costs	7	2	2			3	Computer presentation, guidelines, annual reports	[2,4,10,12,17]	Oral survey, essays on the topic, test tasks, practical tasks
<b>18.</b>	<b>Pricing system of the organization (enterprise)</b> 18.1 Price: concept, role, functions and types 18.2 The pricing mechanism 18.3 Methodology of formation of prices for products 18.4 State pricing policy	7	2	2			3	Computer presentation, guidelines	[1,6,10,18]	Oral survey, essays on the topic, test tasks, practical tasks control module 3

<b>MODULE 4. DEVELOPMENT OF THE ORGANIZATION (ENTERPRISE)</b>		<b>54</b>	<b>16</b>	<b>16</b>			<b>22</b>			
<b>19.</b>	<b>Innovation and innovative activity of the organization (enterprise)</b> 19.1 Innovations: concept, types 19.2 Innovation and its effectiveness 19.3 Innovation infrastructure: concept and elements 19.4 State regulation of innovation activities	7	2	2			3	Computer presentation, guidelines	[2,4,5,10,12,14,17]	Oral survey, essays on the topic, test tasks
<b>20.</b>	<b>Investments and investment activities of organization (enterprise)</b> 20.1 Investments: concept and types 20.2 Capital investments: features, composition and structure 20.3 Investment project: essence and classification 20.4 Essence and assessment of economic efficiency of investments 20.5 Ways to improve the efficiency of investment use	7	2	2			3	Computer presentation, guidelines	[2,4,10,12,13,17,18]	Oral survey, essays on the topic, test tasks, practical tasks
<b>21.</b>	<b>Quality, technical regulation and certification of products</b> 21.1 Concept, indicators and methods of product quality assessment 21.2 the quality management System of production 21.3 Certification of quality systems and products	6	2	2			2	Computer presentation, guidelines, annual reports	[1,2,4,10,12]	Oral survey, essays on the topic, test tasks
<b>22.</b>	<b>Competitiveness of the organizations (enterprises) products</b> 22.1 Product competitiveness: the	6	2	2			2	Computer presentation, guidelines	[1,2,4,10,12]	Oral survey, essays on the topic, test tasks

	<p>essence, measuring instruments, evaluation methods and factors that determine it</p> <p>24.2 Competitiveness of the organization: the essence, methods of assessment and factors that determine it</p> <p>24.3 Competitive strategies of the organization (enterprise): concept and types of</p>									
2 3.	<p><b>Restructuring of enterprises</b></p> <p>23.1 Essence and directions of restructuring of the organization (enterprise)</p> <p>23.2 System approach to restructuring: hierarchy of tasks</p> <p>23.3 Restructuring risks and their prevention</p>	6	2	2			2	Computer presentation, guidelines	[1,2,5,12,16]	Oral survey, essays on the topic, test tasks
2 4.	<p><b>Revenue, profit, profitability</b></p> <p>24.1 Income: nature and types, methods of determination</p> <p>24.2 Profit of the enterprise, its economic content, classification and mechanism of formation</p> <p>24.3 Profitability and factors influencing the increase in its level</p>	8	2	2			4	Computer presentation, guidelines, annual reports	[2,4,10,12,17]	Oral survey, essays on the topic, test tasks, practical tasks
2 5.	<p><b>Valuation of an organization (enterprise)</b></p> <p>25.1 Cost of the organization (enterprise): economic essence, types, the elements of the</p> <p>25.2 Methods of assessing the value of the organization</p>	7	2	2			3	Computer presentation, guidelines	[15, [19]	Oral survey, essays on the topic, test tasks

2 6.	<b>Assessment of the financial condition of the organization (enterprise)</b> 26.1 Composition and structure of the balance sheet of the organization (enterprise) 26.2 System of indicators that characterize the financial condition of the organization (enterprise)	7	2	2			3	Computer presentation, guidelines, annual reports	[2,4,10,12, 17]	Oral survey, essays on the topic, test tasks, practical tasks control module 4
<b>MODULE 5. INDUSTRY ECONOMY OF ORGANIZATIONS (ENTERPRISES) AGROBUSINESS</b>			<b>20</b>	<b>20</b>			<b>28</b>			
2 7.	<b>Economy of the agro-industrial complex of the Republic of Belarus. Land resources in agricultural organization (enterprise)</b> 27.1 Meaning, composition and structure of agribusiness 27.2 Economic efficiency of agro-industrial production 27.3 Land resources of the organization (enterprise) Agribusiness and their classification. State Land Cadastre 27.4 Land ownership in the system of agrarian relations 27.5 Indicators of economic efficiency of land use	8	2	2			4	Computer presentation, guidelines, annual reports	[2,4,5, 10,12, 14]	Oral survey, essays on the topic, test tasks, practical tasks
2 8.	<b>Economics of grain production and processing organizations</b> 28.1 Grain product subcomplex: role,	10	4	4			2	Computer presentation, guidelines, annual	[2,5, 10,11, 14,15]	Oral survey, essays on the topic, test tasks, practical tasks



	composition, structure and main development trends 28.2 Indicators of economic efficiency of grain production, processing and sale 28.3 Factors and ways to improve the economic efficiency of grain production and processing							reports		
<b>29.</b>	<b>Economics of organizations (enterprises) for the production and processing of fruits and vegetables and potatoes</b> 29.1 Concept, role, structure and development trends of potato, vegetable and fruit subcomplex 29.2 Indicators and ways to improve the economic efficiency of production, processing and sale of fruits and vegetables and potatoes	9	2	2			5	Computer presentation, guidelines, annual reports	[2,4,5, 10,11, 14,15]	Oral survey, essays on the topic, test tasks, practical tasks
<b>30.</b>	<b>Economics of organizations (enterprises) for the production and processing of sugar beet</b> 30.1 Beet sugar subcomplex: composition, structure and main trends of its development 30.2 Indicators of economic efficiency of sugar beet production, processing and sale 30.3 Factors and ways to improve the efficiency of sugar beet production and processing	6	2	2			2	Computer presentation, guidelines, annual reports	[5,8, 10,14]	Oral survey, essays on the topic, practical tasks

31.	<b>Economics of organizations (enterprises) of the fat-and-oil and flax subcomplex</b> 31.1 Fat-and-oil subcomplex: composition, structure and main trends of its development 31.2 Indicators and ways to improve the economic efficiency of rapeseed production, processing and sale 31.3 Linen subcomplex: composition, structure and main trends of its development 31.4 Indicators and ways to improve the economic efficiency of production, processing and sale of flax products	8	2	2			4	Computer presentation, guidelines, annual reports	[5,8,10,14]	Oral survey, essays on the topic, practical tasks
32.	<b>Economics of organizations (enterprises) for the production of meat and milk</b> 32.1 Beef cattle, pig and poultry farming in the agro-industrial complex. 32.2 Factors and ways to improve the efficiency of meat production 32.3 Economic efficiency of the functioning of industries and organizations (enterprises) included in the dairy subcomplex (production of raw materials) 32.4 Factors and ways to improve the economic efficiency of milk production	6	2	2			2	Computer presentation, guidelines, annual reports	[2,5,14,15]	Oral survey, essays on the topic, test tasks, practical tasks
33.	<b>Economy of organizations (enterprises) for the production of meat and dairy products</b> 33.1 State, level and trends in the development of meat processing 33.2 Factors and ways to improve the efficiency of meat processing enterprises	6	2	2			2	Computer presentation, guidelines, annual reports	[2,5,14,15]	Oral survey, essays on the topic, test tasks, practical tasks

	33.3 Economic efficiency of milk processing enterprises 33.4 Factors of effective development of milk processing and marketing organizations									
<b>34.</b>	<b>Economics of the feed subcomplex</b> 34.1 Feed subcomplex: composition, structure and main trends of its development 34.2 The system of indicators for assessing the production potential of organizations (enterprises) of the feed subcomplex and the methodology for determining them 34.3 Factors and ways to improve the efficiency of production activities of organizations (enterprises) of the feed subcomplex	6	2	2			2	Computer presentation, guidelines, annual reports	[8,10,14,15,16]	Oral survey, essays on the topic, test tasks, practical tasks
<b>35.</b>	<b>Economy of production and sale of products of small livestock industries</b> 35.1 Classification and nomenclature of small livestock industries 35.2 Indicators and ways to improve the economic efficiency of production and processing of small-scale livestock products	9	2	2			5	Computer presentation, guidelines, annual reports	[2,11,14,15]	Oral survey, essays on the topic, test tasks, practical tasks control module 5
	Preparing for the exam	<b>36</b>					<b>36</b>			<b>EXAM</b>
	Coursework	<b>40</b>					<b>40</b>			Protection of coursework
	<b>IN TOTAL</b>	<b>320</b>	<b>72</b>	<b>72</b>			<b>176</b>			

## 4. INFORMATION AND METHODOLOGICAL PART

### 4.1 References

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#### **4.2 Training Methods (technologies)**

The study of the discipline " Economics of an organization (enterprise)" involves attending lectures, practical classes, writing and defending course work, and independent work of students.

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

elements of problem-based learning (problem presentation, variable presentation, partial search method), implemented in lectures and practical classes;

elements of educational and research activities and creative approach implemented in practical classes and independent work;

For successful assimilation of educational material by students, various forms of training are used: lectures, practical classes, active forms (methods) of training, as well as a variety of learning tools: tables, technical tools, computer programs.

When studying an academic discipline, innovative educational technologies are used in the educational process that are adequate to the competence approach in training a specialist (variable models of students' independent work, educational and methodological complexes, modular and rating training technologies, test and other systems for assessing the level of students' competencies).

As training methods, practical classes are conducted with solving problems and tests, performing control tasks, independent work and monitoring its implementation.

#### **4.3 Organization of independent work of students**

When studying an academic discipline, independent (individual) work of students is used, for which 114 hours are allocated. Independent work is performed in any time mode at convenient hours for the student and provides for individual tasks, writing essays, preparing for classes, tests, testing, and exams.

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

- independent work in the form of solving individual practical tasks and performing individual tasks in the classroom during practical classes under the supervision of the teacher;
- independent work in preparation for exams;
- independent work when writing a term paper;
- self-monitoring on completed topics in the form of testing;
- independent work in preparation for the control work - for students of the correspondence Department.

#### **4.4 Diagnostics of student competencies**

Assessment of the student's final academic achievements (acquired competencies) is carried out in two exams.

To monitor the current academic performance and assess the level of knowledge and skills of students, it is assumed to conduct a test control, the quality of which is

objectivity, efficiency and high productivity.

The following diagnostic tools are used to assess students' achievements in the educational process:

- protection of individual tasks performed in practical classes;
- conducting control current surveys in the form of testing on individual topics;
- protection of course work;
- passing exams in the academic discipline on tickets of the established sample, including theoretical questions, test tasks and practical tasks, which is aimed at identifying knowledge, skills and abilities, as well as the student's ability to independently solve problems in the field of enterprise Economics.

Assessment of students' intermediate academic achievements is carried out in accordance with a ten-point rating scale.

To assess students' achievements, the following diagnostic tools are used: conducting current control surveys and control works on individual topics; preparing and submitting abstracts and calculations for completed individual tasks.

### **Abstract topics**

1. Food security in the Republic of Belarus
2. The historical and traditional orientation of the Belarusian people towards food self-sufficiency
3. Food industry and provision of food to the population in extreme conditions of world wars
4. specificities of food industry Placement references
5. formation of the agro-Industrial complex of the country.
6. The concept of sustainable development as the UN strategy for the twenty-first century.
7. Activities of UN international organizations in addressing the global food problem
8. Intersectoral balance of production and consumption of products
9. General characteristics of agriculture in Belarus, problems and prospects of its development
10. General characteristics of the food industry in Belarus, problems and prospects for its development
11. Current state of the agro-industrial complex of Belarus
12. methods of industrial economic justification of production and industrial structure of the economy of Belarus
13. Indicators for assessing the industry structure of the economy.
14. Economic environment of the organization (enterprise): essence, factors and subjects
15. Factors that determine the properties of the external environment of the organization (enterprise)
16. Formation of the strategy and tactics of the organization (enterprise)
17. Economic efficiency - the main criterion for placing an organization

(enterprise)

18. Main provisions of the state program for the development of agricultural business in the Republic of Belarus for 2016-2020.

19. System of technical and economic indicators of organization (enterprise) placement.

20. Economics of location and size of the organization (enterprise): principles of placement, factors that determine the size of the enterprise.

21. Concentration of production in the organization (enterprise).

22. Integration, diversification and mergers in the organization.

23. Oligopolistic pricing (concept; types; pricing that restricts entry to organizations).

24. Price discrimination (concept, types, consequences).

25. Forms of social organization of production: specialization and cooperation in agriculture and industry.

26. Forms of social organization of production: combination in industry.

27. Concept of investment policy in the Republic of Belarus

28. Innovation as the basis of economic growth.

29. Current state of innovation in the agro-industrial complex of Belarus

30. Efficiency of investment in the development of the industry (methodology, evaluation indicators).

31. Socio-historical aspects of the global food problem.

32. Prospects for the development of the grain product subcomplex of the Republic of Belarus

33. Prospects for the development of the potato product subcomplex of the Republic of Belarus

34. Prospects for the development of the vegetable subcomplex of the Republic of Belarus

35. Prospects for the development of the sugar beet subcomplex of the Republic of Belarus

36. Prospects for the development of the fat and oil subcomplex of the Republic of Belarus

37. Prospects for the development of the linen subcomplex of the Republic of Belarus

38. Prospects for the development of the fruit and berry subcomplex of the Republic of Belarus

39. Prospects for the development of the feed subcomplex of the Republic of Belarus

40. Prospects for the development of the dairy subcomplex of the Republic of Belarus

41. Prospects for the development of beef cattle breeding in the Republic of Belarus

42. Prospects for the development of poultry farming in the Republic of Belarus

43. Prospects for the development of pig breeding in the Republic of Belarus

44. Prospects for the development of sheep breeding in the Republic of Belarus



45. Prospects for the development of goat breeding in the Republic of Belarus
46. Prospects for the development of beekeeping in the Republic of Belarus
47. Prospects for the development of fur farming in the Republic of Belarus
48. Prospects of horse breeding development in the Republic of Belarus
49. The development of rural tourism in the Republic of Belarus: problems and prospects
50. The development of rural tourism in the Grodno region
51. Development of agroecotourism in the Grodno region

**Questions for the test in the discipline " Economics of an organization (enterprise) "(I semester)**

1. Subject and objectives of the course " Economics of an organization (enterprise)»
2. Methodology of science " Economics of an organization (enterprise)"
3. " Economics of an organization (enterprise)" in the system of economic Sciences
4. Characteristic features of the industry. Approaches to classification of industries
5. Sectoral structure of industry: concept, performance evaluation
6. Industrial policy of the Republic of Belarus and directions of transformation of the industry structure
7. The organization (enterprise): goals and objectives, attributes, structure
8. Classification of organizations (enterprises)
9. Creation of organizations (enterprises)
10. Organizational and legal forms of organizations (enterprises)
11. Economic environment of the organization (enterprise) functioning)
12. State regulation of the development of an organization( enterprise), its forms and methods.
13. The nature and composition of the workforce. Features of the labor market in agriculture
14. Personnel of the organization( enterprise), its composition.
15. Indicators of labor availability, movement and efficiency of personnel use
16. The balance of work: the nature and order of calculation
17. labor Productivity and methods of its measurement. Labor intensity and its types
18. Planning labor intensity and productivity. Labor standards: types and characteristics
19. Factors and main directions of increasing labor productivity
20. Economic essence and classification of fixed assets
21. Valuation and revaluation of fixed assets
22. Depreciation and amortization of fixed assets
23. Renewal of fixed assets: the nature, forms, performance updates
24. Leasing as a form of renewal of fixed assets
25. Indicators of economic efficiency of the use of fixed assets of the organization (enterprise)

26. Main directions for improving the efficiency of fixed assets use in the organization (enterprise)
27. The nature, composition, structure and working capital cycle
28. Current production assets: nature, composition and structure
29. Rationing and planning of working capital
30. Indicators and ways to improve the efficiency of using the organization's (enterprise's) hardware resources)
31. Characteristics of the organization's (enterprise's) intangible assets)
32. Composition and classification of intangible assets of the organization (enterprise)
33. Valuation and amortization of the organization's intangible assets (enterprises)
34. Material and raw materials and fuel and energy resources of an organization( enterprise), their composition, structure and classification
35. Indicators of the level of use and the main directions of rational use of material, raw materials and fuel and energy resources of the organization (enterprise)
36. Material and technical base of the organization( enterprise), its composition and features
37. Performance indicators for the use of the machine and tractor fleet
38. Scientific and technological potential of the organization (enterprise) and its components
39. Indicators of scientific and technological potential and economic assessment of its effectiveness
40. Main directions of development of scientific and technological potential of the organization (enterprise)
41. Essence, forms and indicators of economic efficiency of production concentration
42. the Essence, forms and types of specialization of production
43. Indicators of the level and effectiveness of specialization of organizations (enterprises)
44. The combination of production: the nature, types and effectiveness
45. Cooperation: the nature, forms, factors, facilitating existing cooperation
46. Integration of production: essence, objectives, principles, types and forms
47. Efficiency of cooperative integration processes
48. The production process: concept and structure. Approaches to classification
49. Principles, forms and methods of production organization
50. The main features of production enterprise. The structure of the enterprise, its main elements
51. Infrastructure elements of the enterprise, their main features
52. The essence, objectives and tasks planning activities of an organization (enterprise)
53. Forms, types, principles and methods of planning
54. Business plan for the development of the organization (enterprise): structure, content and key indicators
55. Production program of the organization (enterprise): concept, structure,

purpose, indicators.

56. Planning the production program of the organization (enterprise)
57. Production capacity of the organization( enterprise), its calculation method
58. Justification of the production program by existing production facilities
59. Expenses of organizations (enterprises): nature, sources of coverage, classification
60. The cost of production: the nature, classification, composition and structure
61. The cost components, their characteristics
62. methods for calculating the cost of products and services
63. Factors and ways to reduce the cost of production
64. Price-Forming factors. Pricing principles and approaches
65. A pricing mechanism. Stages of price formation

### **Examination questions on the discipline " Economics of an organization (enterprise) "(II semester)**

1. Innovation: concept, meaning, types
2. Innovative activity of the organization (enterprise)
3. Formation of the organization's (enterprise's) innovation strategy)
4. Concept and elements of innovation infrastructure
5. State regulation of innovation activity
6. Investments: essence, structure, classification, sources
7. Capital investments: features, composition and structure
8. Economic efficiency of investments and capital investments and methods of its calculation
9. Investment activity of an organization (enterprise) and its state regulation
10. Ways to improve the efficiency of investments and capital investments.
11. Essence, evaluation indicators and product quality meters
12. The quality control of products in the organization (the enterprise)
13. Certification of quality systems and products
14. Indicators and ways to improve the effectiveness of production quality systems
15. Competitiveness: essence, measuring instruments, evaluation methods and factors determining it
16. competitiveness of the organization: the essence, methods of assessment and factors that determine it
17. Competitive strategies of the organization (enterprise): concept and types of
18. Main directions of improving the competitiveness of products and organizations (enterprises)
19. enterprise Restructuring: approaches to definition
20. Areas of restructuring of organizations (enterprises)
21. System approach to restructuring: hierarchy of tasks
22. Risks of restructuring and their prevention
23. Income of organizations (enterprises): the nature, types, methods of determining

24. Profit of organizations (enterprises): essence, types, functions, mechanism of formation and use, calculation method
25. Profitability: the essence, types, indicators and methods of their calculation
26. Factors and ways to increase revenue, profit and profitability
27. Composition and structure of the balance sheet of the organization (enterprise)
28. system of indicators that characterize the financial condition of the organization (enterprise)
29. Methodology for determining indicators of solvency, liquidity, and business activity
30. Cost of the organization (enterprise): economic essence, types, components, evaluation
31. Dividend policy and its impact on the development of the organization (enterprises)
32. methods for evaluating the organization's value: characteristics, advantages, disadvantages, and application features
33. the Place and role of the agro-industrial complex in the national economy. Composition and structure of the agro-industrial complex
34. Essence, meaning and types of agribusiness infrastructure
35. Economic and social efficiency of agriculture
36. Indicators of economic efficiency of agro-industrial production and ways to improve it
37. Land resources of the organization (enterprise) of the agro-industrial complex and their classification. Land Fund of the Republic of Belarus
38. Land rent: concept and types
39. Ownership of land in the system of agrarian relations
40. Indicators of economic efficiency of land resources use
41. Factors and ways to improve the economic efficiency of land use
42. Grain product subcomplex: role, composition, structure and main development trends
43. Indicators of economic efficiency of production, processing and sale of grain
44. Factors and ways to improve the economic efficiency of grain production and processing
45. Concept, role, structure and development trends of the potato subcomplex
46. Indicators and ways to improve economic efficiency, production, processing and sale of potatoes
47. Concept, role, structure and main trends in the development of the vegetable subcomplex
48. Indicators and ways to improve the economic efficiency of production, processing and sale of vegetables
49. Sugar beet subcomplex: composition, structure and main trends of its development
50. Indicators of economic efficiency of production, processing and sale of sugar beet
51. Factors and ways to improve the efficiency of sugar beet production and

processing

52. Oil and fat subcomplex: composition, structure and basic trends of its development
53. Indicators and ways to improve the economic efficiency of rapeseed production, processing and sale
54. Linen subcomplex: composition, structure and main trends of its development
55. Indicators and ways to improve the economic efficiency of production, processing and sale of flax products
56. Feed subcomplex: composition, structure and main trends of its development
57. The system of indicators to measure the productive capacity of organizations (enterprises) feed subcomplex and methods of their determination
58. Factors and ways to improve the efficiency of production activities of organizations (enterprises) of the feed subcomplex
59. Fruit and berry subcomplex: composition, structure, main development trends
60. system of indicators for assessing the production potential of organizations (enterprises) of the fruit and berry subcomplex and methods for their determination
61. Ways to improve the economic efficiency of production and processing of fruits and berries
62. Dairy and food subcomplex: composition, structure and main trends of its development
63. system of indicators for assessing the production potential of organizations (enterprises) of the dairy subcomplex and methods for determining them
64. Factors and ways to improve the economic efficiency of production, processing and sale of milk and dairy products
65. Meat subcomplex: composition, structure and main trends of its development
66. Indicators, factors and ways to improve the economic efficiency of production and processing of products for raising and fattening cattle
67. Indicators, factors and ways to improve the economic efficiency of production and processing of products for growing and fattening pigs
68. Indicators, factors and ways to improve the economic efficiency of production and processing of poultry products
69. Classification and nomenclature of small livestock industries
70. Indicators and ways to improve the economic efficiency of production and processing of small-scale livestock products

**Practical tasks for the test in the discipline "Economics of an organization (enterprise)" (1st semester)**

1. The company produced gross output for the year in the amount of 56,137. 5 thousand rubles. Material costs for its production amounted to 45434 thousand rubles, and labor remuneration – 8063.8 thousand rubles. It is necessary to define:
  - production cost of all gross output;
  - net income;
  - gross income;

- profitability.

2. Calculate the indicators of capital productivity and capital intensity, if the gross output is 56137.5 thousand rubles, gross income-10703.5 thousand rubles, and the average annual cost of production fixed assets – 94059.6 thousand rubles.
3. Determine the payback of additional investments in intensive technology of grain cultivation based on the following data. Expenses for 1 ha of seeding with conventional technology amounted to 168.4 rubles, the yield-60 C/ha, the selling price of 1 C of grain – 27.2 rubles. With intensive technology, the cost per 1 ha of seeding was 175.5 rubles, and the yield was 65 C / ha.
4. Purchased an object with aamortised cost of 58.0 thousand rubles. with a useful life of 5 years. Determine the annual rate and the annual and monthly amount of depreciation.
5. What is the size of gross and net income, if the cost of gross output is 56137.5 thousand rubles, material costs for production-45434 thousand rubles, labor costs-8063.8 thousand rubles.
6. What is the turnover ratio of working capital and the time of one turnover with an average annual balance of 22810 thousand rubles and revenue from sales of products and services-30098.3 thousand rubles.
7. The average Annual cost of fixed assets in the economy was 94059.6 thousand rubles, the amount of depreciation – 43321.2 thousand rubles. Calculate the coefficient of wear and tear and safety.
8. There are two options for capital investment. In option 1, the specific capital investment is 450 thousand rubles and the cost of production is 210 thousand rubles. in option 2, the specific capital investment is 460 thousand rubles, and the cost of production is 190 thousand rubles. The standard efficiency coefficient is 0.12. Calculate the quoted costs.
9. The company has fixed assets in the amount of 94059.6 thousand rubles and 762 average annual employees. Gross output in the amount of 56,137. 5 thousand rubles. The cost of the consumed means of production (material costs) amounted to 45434 thousand rubles. Calculate:
  - labor productivity;
  - gross income;
  - capital strength.
10. Determine the proportionality rate and the accumulation rate if the gross income was 10703.5 thousand rubles, net income-2639.7 thousand rubles, and the accumulation Fund-880 thousand rubles.
11. The average annual value of fixed assets amounted to 94059,6 thousand RUB over and back – 22810 thousand RUB Determine the indicators of capital return, capital return and profit margins, if the cost of gross output was 56137.5 thousand rubles, profit received 606 thousand rubles.
12. What is the coefficient of specialization, if in the structure of commodity products the share of cattle meat accounts for 35%, milk-25, grain – 18, sugar beet – 12, potatoes – 8, and other products – 2%? Specify the production direction of the company.

13. Purchased an object with amortised cost of 50 thousand rubles. The projected volume of production output over the life of the facility is 25 thousand units. 500 units were issued during the reporting month. Determine the amount of depreciation per unit of production and depreciation charges for the reporting month.
14. What is the rate of extended reproduction of the Fund, if the average annual cost of fixed assets is 94059.6 thousand rubles, working capital-22810 thousand rubles, the accumulation Fund-880 thousand rubles.
15. The Average annual balance of working capital amounted to 22,810 thousand rubles, and the volume of sales for the year – 30098.3 thousand rubles. Determine the turnover ratio, the duration of one turn, and the load factor.
16. Determine the labor intensity of production of 1 C of products, if its production amounted to 4392 tons, and labor costs – 181 thousand people.
17. Book value of fixed assets at the beginning of the year 94059.6 thousand rubles. It is expected to enter funds in April 20 thousand rubles, in July-40 thousand rubles, disposal in June-80 thousand rubles. Determine the availability of fixed assets at the end of the year and their average annual cost.
18. The company employed 762 average annual employees with an annual working time Fund of one employee of 1960 people. Total production was made in the amount of 56,137. 5 thousand rubles. Determine the annual and hourly labor productivity.
19. The accumulation Fund amounted to 880 thousand rubles. The value of property and for working capital funds- 116869,6 thousand RUB Received gross income of 10703.5 thousand rubles, net income – 2639.7 thousand rubles. Calculate the rate of extended reproduction of funds, the rate of proportionality and the rate of accumulation.
20. The farm has 10303 hectares of agricultural land, 94059.6 thousand rubles of basic production assets and 762 average annual employees. During the reporting period, 56,137. 5 thousand rubles of gross agricultural output were produced. The cost of consumed means of production was 45434 thousand rubles. Define:
- capital security;
  - capital strength;
  - gross income of the farm;
  - capital productivity;
  - labour productivity.
21. The Selling price of 1 C of products was 23.5 rubles, material and monetary costs for the production of 1 C were 18.5 rubles, including material-11.5 rubles. Determine gross income, net income, and the level of profitability of production.
22. What is the level of marketability of potato production and its production cost, if the gross harvest amounted to 8630 C, expenses for its production 125.2 thousand rubles, and commercial products - 8560 C?
23. Determine the turnover ratio of working capital of the enterprise and the duration of their turnover according to the following data: the amount of turnover was 30098.3 thousand rubles, the average annual balance of working capital 22810

thousand rubles.

24. Calculate the level of labor productivity if the gross production in the industry, in comparable prices, amounted to 30098.3 thousand rubles, the number of average annual employees employed in the industry - 500 people, and labor costs for production - 1361 thousand people.

25. Determine the number of full-time annual employees and the productivity of labor per 1 full-time employee, if the company worked only 530 thousand people during the year, produced gross output in comparable prices of 56137.5 thousand rubles.

26. What is the rate of extended reproduction of the Fund, if the average annual cost of fixed assets is 94059.6 thousand rubles, working capital-22810 thousand rubles, the accumulation Fund-880 thousand rubles.

27. Calculate the indicators of capital productivity and capital intensity, if the gross output is 56137.5 thousand rubles, gross income-10703.5 thousand rubles, and the average annual cost of agricultural fixed assets-94059.6 thousand rubles.

28. The farm produced gross agricultural output in the amount of 56,137. 5 thousand rubles. Material costs for its production amounted to 45434 thousand rubles, and labor remuneration – 8063.8 thousand rubles.

Define:

- production cost of all gross output;
- net income;
- gross income;
- profitability, %.

29. What is the yield of feed protein units per 1 ha can be obtained if the yield of barley was 50 C per 1 ha, the content of feed units and digestible protein per unit of production, respectively, is 1.13 C K units and 0.085 C of digestible protein.

30. The Sales price of 1C products amounted to 23.5 rubles, material and monetary costs for the production of 1C amounted to 18.5 rubles, including material-11.5 rubles. Determine gross income, net income, and the level of profitability of production.



ADDITIONS AND CHANGES TO THE HEI CURRICULUM  
on \_\_\_\_/\_\_\_\_ academic year

no.	Additions and changes	Basis

The curriculum was reviewed and approved at the meeting of the Department  
\_\_\_\_\_ (Protocol no. \_\_\_\_ of \_\_\_\_\_ 20\_)  
(Department name)

Head of the Department

\_\_\_\_\_  
(academic degree, academic title) (signature) (Full Name)

I APPROVE

Dean of faculty

\_\_\_\_\_  
(academic degree, academic title) (signature) (Full Name)