

**The subject of study of discipline "Economic analysis"** is theoretical and practical aspects (the essence, principles, objectives, technique and technology) of analytical work at enterprise and methodological tools of economic analysis (a combination of methods, techniques, analytical research) in the common system of enterprise management and decision-making by managers of companies in the financial-economic activity of economic entities, and in conjunction with: the employment potential of the information and resources of the enterprise, information and communication technologies, advanced software systems, enterprise management accounting, internal (financial) and statistical statements.

During this course students get acquainted with the set of methods of analytical researches, organization of analytical work in the structural divisions of the enterprise, the methodology of the system (integrated) study of the object of study, the process of establishing of similarities and differences of objects and phenomena of reality, measurement, monitoring, analysis and synthesis. For tasks in practical classes, as well as in the performance of the individual works, the student not only deepens theoretical knowledge of economic analysis, obtained in the lectures on the implementation of a systematic approach to analytical work in the general system of enterprise management, but also learns to apply the results of analysis for the formation of specific recommendations to managers for their practical implementation.

### **The purpose and objectives of discipline**

The purpose of the discipline is to develop students' abilities:

- the use of modern scientific achievements of the economic analysis in the theoretical and practical issues of improving the analytical work of economists, analysts and business managers in the common system of its management, the ability to use the acquired student knowledge of the theoretical and methodological tools of economic analysis in order to prevent anti-crisis measures in the overall enterprise management system, and the ability of forming the future managers of the system of knowledge of the principles of conceptual analysis and monitoring to achieve operational and strategic objectives on the basis of modern concepts of economic analysis and business intelligence.

At the same time such basic directions of the discipline are developed: training of the specialists which are directly ready for analyzes of internal and external factors influencing the activities of the organization that should be evaluated by specialists in the field of economic analysis, and to predict in proper time the development of dangerous situations for the company, based on which, to form recommendations on effective measures of control, analysis and audit of production and business processes of the enterprise, both in its micro- and macro-level (the study of the influence of environmental factors on the company). Secondly, the training of specialists capable of understanding the theory, practice and methodology of economic analysis and use the results of economic research of management information and reporting in order to fulfill one of the main functions of management - control over the processes of management at enterprises, institutions and organizations.

According to the requirements of the educational and professional programs, students after mastering of academic discipline must demonstrate such learning outcomes:

**Knowledge:** The student should know the theoretical and methodological aspects of the economic analysis of economic activities of the enterprise;

**Skills:** to provide the ability to assess the causes of deviations in the economic and management information, and develop recommendations for effective measures to analyze and control in the organization; to be able to operate the analytical methodology in the practical work of the company's managers and employees of business units according to all the activities of the company and use the analytical results for the needs of planning, budgeting and forecasting in the context of possible action before the effect of possible changes in the status of the company;

**Experience:** students get the skills to use the methodology of economic analysis in the analytical work and the management of production and economic processes in the company for a variety of its areas, namely financial analysis, management review, etc .; students have the opportunity to gain experience of using the methods of knowledge and methodology of economic analysis (analysis, synthesis, deduction, induction, modeling, forecasting, system / comprehensive study, etc.) to support the economic efficiency of enterprise resources, as well as in terms of management and administration activity at the enterprise-oriented development of external and internal relations between economic entities.

## **The content of the discipline**

### **Introduction.**

Information base. Institutional arrangements of economic analysis.

Information as an important resource of a modern market economy. Technical and economic indicators as the basis of economic analysis. Sources of information and checking their authenticity. Computer technology for the analytical work of the enterprise. Creation of an automated database. Organizational aspects of economic analysis. General methodological principles of analytical work at the enterprise. Components and main stages of the analytical study.

## **1. THEORETICAL AND METHODOLOGICAL FOUNDATIONS OF ECONOMIC ANALYSIS**

### **THEME 1.1. Methodological and organizational framework for the analysis of industrial and economic activity of the enterprise**

The content, the subject of study and tasks of economic analysis. Theoretical Foundations of economic analysis: the method of economic analysis; principles and functions of the economic analysis in the system of management and administration. Classification of factors of production and reserves. Classification and characterization of types of economic analysis.

## **THEME 1.2. Methodical and techniques of economic analysis of economic activities of the enterprise**

Classification of methods of economic analysis of industrial and economic activity of the enterprise. Methods of study and evaluation of changes of the indicators in the analysis. Methods of identifying and modeling the relationships of indicators in the analysis. Methods for quantifying the effect of the factors in the analysis of economic activities of the enterprise. The method of chain substitutions, the integrated index and methods of economic analysis.

## **THEME 1.3. The use of economic and mathematical methods in the analysis of economic activity of the enterprise**

General characteristics of the economic and mathematical methods of economic analysis. Double and multivariate correlation and regression analyzes. Using mathematical game theory and queuing theory in the analysis of the economic problems of the enterprise.

## **2. MANAGEMENT ANALYSIS**

### **THEME 2.1. Analysis of the production company (including services)**

Meaning and objectives of the analysis of production. Analysis of production volumes and product range of the company. Analysis of the quality of enterprise. Analysis of the rhythm and level of organization of production enterprises.

### **THEME 2.2. Analysis of demand, market conditions and the volume of sales of the enterprise**

Meaning and objectives of the analysis of marketing activity of the enterprise. Estimation of demand for products and the demand of the enterprise. An analysis of the volume and dynamics of sales of products and services company. Analysis of the performance of obligations under foreign economic activity of the enterprise. Calculation the reserves of increase of volumes of output at the enterprise.

### **THEME 2.3. An analysis of the utilization of labor resources of the enterprise**

Analysis of human resources and security of the enterprise. Analysis of the use of working time at the enterprise. The analysis of labor productivity at the enterprise. Analysis of influence of factors on labor productivity and the volume of production and sales of marketable production of the enterprise.

### **THEME 2.4. Analysis and use of the fixed assets of the enterprise**

Analysis of the composition, structure, and technical condition of the fixed assets of the enterprise. Analysis of operating capacity. Analysis of fixed assets and equipment at the plant. Calculation of the influence of factors on the production volume of the enterprise. Calculation of reserves growth in output at the enterprise.

**THEME 2.5. Analysis of the security and use of material resources at the enterprise.**

Overall assessment of the plan logistics enterprise. Analysis of the inventory of material resources at the enterprise. Analysis of the use of material resources and calculation of influence of factors on the volume of production of the enterprise. Overall assessment of the use of material resources and calculation of reserves in output of the company.

**THEME 2.6. Analysis of the cost of production of the enterprise**

Cost of: essence, structure formation in the enterprise. Scorecard of production costs of the enterprise. Evaluation of the implementation of plan for the cost of production. Cost analysis of the elements and cost items. An analysis of material costs. An analysis of labor costs. Production costs. Analysis of the cost of certain types of enterprise. Operational analysis of the cost of production of the enterprise.

**3. FINANCIAL ANALYSIS**

**THEME 3.1. Analysis of financial results and profitability of the company.**

Meaning, tasks and information for the analysis of financial results and profitability of the company. Analysis of the net profit. Analysis of the gross profits of the enterprise. Analysis of the profitability of enterprise. Analysis of the level of profitability of the company. Reserves of increase of net profit of the enterprise.

**THEME 3.2. Analysis of the financial condition of the company.**

The tasks of analysis and characterization of the sources of information for the analysis of the financial condition of the company. Analysis of the structure of reporting documentation - balance sheet. Analysis of the comparative analytical balance. Analysis of financial stability. Analysis of the liquidity and solvency of the company according to the accounting records of the enterprise. Analysis of working capital and turnover according to the accounting records of the enterprise.