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**federal state budgetary educational institution  
higher education "Ural State Medical University"  
Ministry of Health of the Russian Federation  
Department of History, Economics and Law**



APPROVED  
Vice-Rector for  
Educational Activities  
A.A. Ushakov  
2025  
(UMU seal)

**Work program of the discipline  
ECONOMY**

Specialty: 31.05.03 Dentistry  
Level of higher education: specialist  
Qualification: "Dentist"

Yekaterinburg city  
2025 year

The work program of the discipline "Economics" is drawn up in accordance with the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry ( specialist level ), approved by order of the Ministry of Science and Higher Education of the Russian Federation dated 12.08.2020 No. 984.

The program was compiled by a team of authors from the Department of History, Economics and Law of the Federal State Budgetary Educational Institution of Higher Education Ural State Medical University of the Ministry of Health of the Russian Federation, consisting of:

Candidate of Economic Sciences, Associate Professor L.A. Skorokhodova – Head of Department;

O.N. Ponomareva – Senior Lecturer of the Department

The program has been reviewed by:

PhD, Associate Professor E.V. Vlasova - Head of the Department of Philosophy, Bioethics and Cultural Studies, USMU

The work program was discussed and approved at the department meeting  
“21” March 2025 (protocol no. 6).

The program has been approved by the Methodological Commission of the specialty  
"Dentistry"

"06" June 2025 (protocol No. 1).

### **1. The purpose of studying the discipline**

Students acquire the necessary amount of theoretical and practical knowledge, skills and practical abilities in economics, to develop economic culture in graduates, including financial literacy and the ability to make informed economic decisions in various areas of life, in accordance with the Federal State Educational Standard of Higher Education 3++, specialty 31.05.03 Dentistry.

### **2. Objectives of the discipline**

1. developing students' knowledge of the basic concepts and theories describing the principles of the functioning of the economy, economic development and forms of state participation in the economy;

2. developing students' skills in analyzing and assessing the prospects for the development of the economy and economic processes based on objective information;

3. instilling in students the skills of independent work, the ability to make informed economic decisions in various areas of life; implementation of personal economic and financial planning;

4. developing students' motivation to maintain health and lead a healthy lifestyle.

### **3. The place of the discipline in the structure of the OOP**

1. The discipline "Economics" is a mandatory part of Block 1 "Disciplines (modules)" of the OOP in the specialty 31.05.03 Dentistry (specialist level). It is studied: in the first year.

The study of economics involves acquiring such general educational skills and competencies that are aimed at developing economic knowledge, abilities and skills in the field of fundamental natural science training in economics.

2. Requirements for the initial knowledge of students starting to study the discipline "Economics".

When starting to study the discipline "Economics", the student must already have certain knowledge and skills:

- basic concepts of economic thought;
- understand the social significance of their future profession, perform professional tasks in accordance with moral standards and professional ethics;

- think creatively and creatively solve professional problems, show initiative, including in risk situations, make optimal organizational and management decisions in everyday activities and non-standard situations, and bear responsibility for them;

- skills of logical thinking, analysis, systematization, generalization, critical understanding of information, setting research problems and choosing ways to solve them.

3. In the process of studying the discipline "Economics", students must use their knowledge in the field of humanitarian disciplines studied within the framework of the school curriculum.

The discipline "Economics" is a precursor to disciplines, the study of which requires an understanding of the economic justification of ongoing processes.

### **4. Requirements for the results of mastering the discipline**

This work program is aimed at acquiring universal competencies, knowledge, skills and abilities:

Category (group) of universal competencies	Code and name of the universal competence	Code and name of the indicator of achievement of universal competence, which is formed by the discipline
Economic culture, including financial literacy	UK-10. Capable of making informed economic decisions in various areas of life	UK-10.1 Knows the conceptual apparatus of economic science, the basic principles of the functioning of the economy, the goals and

		mechanisms of the main types of social and economic policy UK-10.2 Able to use methods of economic and financial planning to achieve the set goal UK-10.3 Possesses skills in applying economic instruments for financial management taking into account economic and financial risks in various areas of life
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**As a result of studying the discipline "Economics", the student must:**

**Know:**

- basic economic concepts;
- fundamentals of the behavior of economic objects;
- prerequisites for the behavior of economic entities;
- the essence and functions of entrepreneurial activity;
- goals, objectives, instruments of state economic policy;
- major financial institutions and organizations;
- basic financial instruments;
- principles and technologies for maintaining a personal budget.

**Be able to:**

- perceive and analyze information necessary to make informed decisions in the area of personal financial management;
- critically evaluate information about the prospects for economic growth and technological development of the country and its individual sectors;
- use calculation tools;
- assess individual risks associated with economic activity.

**Own:**

- skills in solving typical problems in the field of personal economic and financial planning in various areas of life.

**5. Volume and type of academic work**

Types of educational work	Labor intensity (hours)		Semester 1
Classroom activities (total)	36		36
Including:			
Lectures	18		18
Practical classes	18		18
Laboratory work			
Independent work (total)	36		36
Forms of certification in the discipline (credit)			
General complexity of the discipline	Watch	ZET	72
	72	2	

**6. Contents of the discipline**

**6.1. Contents of the section and didactic unit**

Contents of the discipline	Main content of the section, didactic unit
Section 1 Microeconomics	
DE 1. Microeconomics: principles and patterns of functioning. UK-10	Topic 1. Introduction to economics. Market and market processes. Subject and method of economics. Needs, resources, choice. Economic circulation. Economic systems. Market economic system. Law of demand. Law of supply. Topic 2. Market competition.

	Types of market structures. Imperfectly competitive markets. Price discrimination. Labor market. Capital market. Natural resource market.
DE 2. Economics of the organization. UK-10	Topic 3. Organization is the main link in the economy. Concept, objectives, classification of organizations. Characteristics of organizational and legal forms of organizations. Topic 4. Resources and capital of the organization. Capital. Labor resources. Incomes policy and wages. Resource constraints. Topic 5. Financial results and economic efficiency of the organization. Income. Costs. Profit. Break-even point. Economic and financial analysis of the activities of organizations
Section 2. Macroeconomics	
DE 3. Macroeconomics: principles and patterns. UK-10	Topic 6. System of National Accounts. Macroeconomic Instability SNA: Main indicators. Macroeconomic equilibrium. Unemployment. Inflation. Economic growth. Economic cycle
DE 4. Financial system. UK-10	Topic 7. Banking system. Credit and monetary policy. Stages of formation and development of the institution of money. Monetary aggregates. Financial institutions. Financial system of the state. Financial market. Bank and banking system of the Russian Federation. Topic 8. Budget and tax policy. Fiscal policy of the state. Tax system of the Russian Federation.
DE 5. World Economy. UK-10	Topic 9. International economic relations. World monetary relations. International Economic Relations: principles and approaches. International division of labor. International trade. International capital flows. International Economic Relations. Russia in the world economy

## 6.2. Controlled learning elements

When formulating learning outcomes for a discipline in the format of knowledge/abilities/abilities, it is necessary to use descriptors of generalized work functions, work functions, work actions used in professional standards, and descriptors of competencies and indicators of achievement of competencies used in the Federal State Educational Standard.

Didactic unit (DU)	Controlled learning elements formed as a result of mastering the discipline with indication of indicators of achievement of competencies			Stage mastering competence
	Knowledge	Skills	Skills	
DE 1. Microeconomics: principles and patterns of functioning UK-10	Basic economic concepts: economic resources, economic agents, supply and demand, competition, price (UK-10.1.)	Perceive and analyze information necessary to make informed economic decisions ( UK-10.2)	Presentation of an independent point of view, analysis and logical thinking on modern economic processes and the use of economic goods (UK-10.3)	basic
DE 2. Economics of the organization UK-10	Fundamentals of the behavior of economic objects; principles of economic analysis for decision making; main types of income and ways of obtaining them (UK-10.1)	Use sources of information on the rights and obligations of the consumer of financial services, analyze the main provisions of the agreement with the financial institution; Assess financial risks (UK-10.2)	Construction of graphs and tables for evaluation, analysis and synthesis of the situation in the organization ; calculation of indicators characterizing the economic and financial state of the organization ( UK-10.3)	
DE 3. Macroeconomics: principles and patterns UK-10	Basic concepts of the system of national accounts; concepts of resource constraints of	Critically evaluate information about the prospects for economic growth and technological development of the	calculation of key macroeconomic indicators; calculation, analysis and synthesis of the	

	economic development (UK-10.1)	country's economy and its individual sectors (UK-10.2)	level of inflation, unemployment (UK-10.3)
DE 4. Financial system UK-10	The goals, objectives, instruments and effects of the budgetary, tax, and monetary policies of the state; major financial institutions and instruments (UK-10.1)	Select financial management tools; assess your rights and responsibilities in the area of personal financial management; carry out financial planning at all stages of the life cycle (UK-10.2)	Calculation and analysis of monetary aggregates ; assessment of the effectiveness of the state's fiscal policy (UK-10.3)
DE 5. World Economy UK-10	Features of the development of the world economy (UK-10.1)	Critically evaluate information about the prospects for the country's economic representation on the world stage (UK-10.2)	Presentation of an independent point of view, analysis and logical thinking, public speaking, moral and ethical argumentation, conducting discussions on determining the state of the world economy (UK-10.3)

### 6.3. Sections of the discipline (SCD), types of classes and workload in hours

Disciplinary module/section number	No. of didactic unit	Hours by type of activity			Total:
		Lectures	Practical classes	Work by myself	
Section 1. Microeconomics	DE 1. Microeconomics: principles and patterns of functioning				
	Topic 1. Introduction to Economics. Market and Market Processes	2	2	4	8
	Topic 2. Market competition	2	2	4	8
	DE 2. Economics of the organization				
	Topic 3. Organization is the main link of the economy	2	2	4	8
	Topic 4. Resources and capital of the organization	2	2	4	8
	Topic 5. Financial results and economic efficiency of the organization's activities	2	2	4	8
Section 2. Macroeconomics	DE 3. Macroeconomics: principles and patterns				
	Topic 6. System of National Accounts. Macroeconomic Instability	2	2	4	8
	DE 4. Financial system				
	Topic 7. Banking system. Credit and monetary policy	2	2	4	8
	Topic 8. Budget and tax system	2	2	4	8
	DE 5. World Economy				
	Topic 9. International economic relations. World monetary relations	2	2	4	8
TOTAL		18	18	36	72

### 7. Approximate topics (if any):

### **7.1. Coursework**

Not included in the curriculum

### **7.2. Educational, research, creative works**

Not provided curriculum

### **7.3. Abstracts**

Not included in the curriculum

## **8. Resource provision**

The department has human resources that guarantee the quality of specialist training in accordance with the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry. Provided that the student studies conscientiously, he/she will acquire the knowledge, skills and abilities necessary for the qualification level required of a graduate in the specialty.

### **8.1. Educational technologies**

Students complete educational tasks both individually and in small groups (2-4 people) with subsequent presentation of the results of the work and their discussion. Students independently work with Internet resources, solve situational problems.

Independent work with literature is provided.

The educational process uses practical classes, situational tasks and test control tasks for practical classes.

Electronic information and educational environment: educational, educational and methodological information is presented on the educational portal <http://edu.usma.ru>, all students have access to electronic educational resources (electronic catalog and electronic library of the university, electronic library system "Student Consultant").

### **8.2. Material and technical equipment**

The classrooms are equipped with desks, work tables, chairs, a chalk board, multimedia equipment, a hanging screen, computers, and a projector.

Computer equipment with Internet connection and access to the electronic information and educational environment of the university

The complete educational and methodological complex for the discipline is presented on the educational portal [edu.usma.ru](http://edu.usma.ru) with individual access for all students in the OOP - Dentistry.

### **8.3. List of licensed software**

#### **8.3.1 System software**

##### **8.3.1.1. Server software:**

- VMwarevCenterServer 5 Standard , license term: unlimited; VMwarevSphere 5 EnterprisePlus , license term: unlimited, agreement No. 31502097527 dated 03/30/2015, Krona-KS LLC;

- Windows Server 2003 Standard No. 41964863 dated 03/26/2007, No. 43143029 dated 12/05/2007, license validity period: unlimited;

- Windows Server 2019 Standard (32 cores ), license agreement No. V9657951 dated 08/25/2020, license validity period: perpetual, Microsoft Corporation ;

- ExchangeServer 2007 Standard (license No. 42348959 dated 06/26/2007, license validity period: unlimited);

- SQL ServerStandard 2005 (license No. 42348959 dated 06/26/2007, license validity period: unlimited);

- CiscoCallManager v10.5 (agreement No. 31401301256 dated 07/22/2014, license validity period: indefinite), Mikrotest LLC;

Ideco UTM Enterprise Security Gateway Edition (license no. 109907 dated November 24, 2020, license validity period: indefinite), IDECO LLC;

Kaspersky antivirus software Endpoint Security for business (1100 users ) (license No.

2B1E-230526-081804-1-9021 dated 05/25/2023, license valid until 06/11/2025, Exact LLC ).

### **8.3.1.2. Personal computer operating systems:**

- Windows 7 Pro ( OpenLicense No. 45853269 from 09/02/2009, No. 46759882 from 04/09/2010, No. 46962403 from 05/28/2010, No. 47369625 from 09/03/2010, No. 47849166 from 12/21/2010, No. 47849165 from 12/21/2010, No. 48457468 from 05/04/2011, No. 49117440 from 10/03/2011, No. 49155878 from 12.10.2011, No. 49472004 dated 20.12.2011), license validity period: indefinitely);

- Windows7 Starter ( OpenLicense No. 46759882 from 04/09/2010, No. 49155878 from 10/12/2011, No. 49472004 from 12/20/2011, license validity period: indefinite);

- Windows 8 ( OpenLicense No. 61834837 dated 04/09/2010, license validity period: indefinite);

- Windows 8 Pro ( OpenLicense No. 61834837 dated 04/24/2013, No. 61293953 dated 12/17/2012, license validity period: indefinitely).

### **8.3.2. Application software**

#### **8.3.2.1. Office programs**

- OfficeStandard 2007 ( OpenLicense No. 43219400 dated 12/18/2007, No. 46299303 dated 12/21/2009, license validity period: unlimited);

- OfficeProfessionalPlus 2007 ( OpenLicense No. 42348959 dated 06/26/2007, No. 46299303 dated 12/21/2009, license validity period: unlimited);

- OfficeStandard 2013 ( OpenLicense No. 61293953 dated 12/17/2012, No. 49472004 dated 12/20/2011, No. 61822987 dated 04/22/2013, No. 64496996 dated 12/12/2014, No. 64914420 dated 03/16/2015, license validity period: indefinite).

#### **8.3.2.2. Data processing programs, information systems**

- Software " TANDEM.University " (license certificate No. UGMU/21 dated 12/22/2021, license validity period: indefinite), Tandem IS LLC;

iSpring Software Suite (agreement No. 620L dated July 23, 2024, license validity period: 12 months, Softline Projects LLC).

## **9. Educational, methodological and informational support of the discipline**

### **9.1. Primary literature**

#### **9.1.1. Electronic educational publications (textbooks, teaching aids).**

1. Nazin , K. N. Economy of Russia. Infrastructure: textbook for universities / K. N. Nazin , D. I. Kokurin . - Moscow: Publishing house Yurait , 2025. - 277 p. - (Higher education). - ISBN 978-5-534-10612-1. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/565636/>

2. Shimko , P. D. Economics: a textbook and practical training for universities / P. D. Shimko , I. A. Maksimtsev . - 5th ed. - Moscow: Publishing house Yurait , 2025. - 529 p. - (Higher education). - ISBN 978-5-534-18822-6. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/559880/>

3. Economics of the organization: a textbook and practical training for universities / edited by L. A. Chaldaeveva , A. V. Sharkova . - 3rd ed., revised . and additional. - Moscow: Publishing house Yurait , 2025. - 344 p. - (Higher education). - ISBN 978-5-534-14485-7. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/560837/>

4. Enterprise Economics: a textbook and practical training for universities / edited by A. V. Kolyshkin , S. A. Smirnov. - 2nd ed. - Moscow: Yurait Publishing House , 2025. - 508 p. - (Higher education). - ISBN 978-5-534-16698-9. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/560492/>

5. Economics: a textbook and practical training for universities / edited by V. M. Pishchulov . - 2nd ed., revised and enlarged. - Moscow: Publishing house Yurait , 2025. - 191 p. - (Higher education). - ISBN 978-5-534-16661-3. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/562356/>

6. Polikarpova, T. I. Economic Theory: Textbook and Workshop for Universities / T. I. Polikarpova. - 5th ed., corrected . and additional. - Moscow: Publishing House Yurait , 2025. - 308 p. - (Higher education). - ISBN 978-5-534-16934-8. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/562812/>

7. Economic Theory: a textbook for universities / edited by E. N. Lobacheva. - 4th ed., revised and enlarged . - Moscow: Publishing House Yurait , 2025. - 501 p. - (Higher education). - ISBN 978-5-534-99952-5. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/559572/>

8. Deren, V. I. Economy: economic theory and economic policy: textbook for universities / V. I. Deren. - 8th ed., corrected . and add. - Moscow: Publishing house Yurait , 2025. - 903 p. - (Higher education). - ISBN 978-5-534-18277-4. - Text: electronic // Educational platform Yurait [website]. - URL: <https://urait.ru/bcode/568846/>

### **9.1.2. Electronic databases to which access is provided.**

Websites of government economic management bodies:

- <http://president.rf> – website of the President of the Russian Federation
- <http://www.gov.ru>; <http://www.government.ru> – Government of the Russian Federation
- <http://www.duma.gov.ru> - State Duma of Russia
- <http://www.council.gov.ru> – Federation Council of the Russian Federation
- <http://www.minfin.ru> – Ministry of Finance of Russia
- <http://sverdl.gks.ru> – territorial body of state statistics for the Sverdlovsk region
- <http://statistika.ru> – statistical data portal

Websites of international organizations:

- <http://www.un.org/ru> - website of the United Nations
- <http://www.imf.org> - website of the International Monetary Fund (IMF)
- <http://web.worldbank.org> – website of the International Bank for Reconstruction and Development (World Bank) (IBRD)

- <http://www.ifc.org/russian> - website of the International Finance Corporation (IFC)
- <http://www.wto.org> - website of the World Trade Organization (WTO)
- <http://cis.minsk.by> – website of the Commonwealth of Independent States
- <http://iccwbo.org>; <http://www.rusimpex.ru> – websites of the International Chamber of Commerce (ICC)

Trading platform websites:

- <http://rts.micex.ru> – website of the RTS-MICEX exchange

Websites of business support organizations:

- <http://www.tpprf.ru> – website of the Chamber of Commerce and Industry of the Russian Federation
- <http://www.dsmb.ru> – website “Business Network of Small Business” – information support for small businesses
- <http://www.rsagroup.ru/section/24> - Sverdlovsk regional agency for small business support
- <http://www.siora.ru> - Russian Agency for Support of Small and Medium Business
- <http://www.bizidei.ru> – Business ideas. Website for helping small businesses

Websites of periodicals:

- <http://www.ruseconomy.ru> – website of the journal “Economy of Russia XXI century”
- <http://www.vopreco.ru> - website of the journal "Questions of Economics"
- <http://www.m-economy.ru> - website of the journal "Problems of Modern Economy"

Websites of research institutes:

- <http://www.ecfor.ru> – Institute of Economic Forecasting of the Russian Academy of Sciences
- <http://www.cemi.rssi.ru> - Institute of Market Problems of the Russian Academy of

Sciences

- <http://www.inecon.org> - Institute of Economics of the Russian Academy of Sciences
- <http://www.cemi.rssi.ru> – Central Economics and Mathematics Institute of the Russian Academy of Sciences
- <http://www.uiec.ru> – Institute of Economics, Ural Branch of the Russian Academy of Sciences
- <http://www.isesp-ras.ru> – Institute of Socio-Economic Problems of Population of the Russian Academy of Sciences
- <http://www.newecon.guu.ru> – Institute of New Economy of the State University of Management
- <http://www.forumspb.com/ru> - St. Petersburg International Economic Forum
- <http://www.iep.ru> - E.T. Gaidar Institute for Economic Policy
- <http://www.regdevelopment.ru> - Institute of Regional Development
- <http://www.imemo.ru> – Institute of World Economy and International Relations of the Russian Academy of Sciences.

## **9.2. Further reading**

### **9.2.1. Educational and methodological aids (training assignments)**

1. Dneprov, M. Yu. Economic theory: a textbook for universities / M. Yu. Dneprov, O. V. Mikhailiuk , V. A. Nikolaev. - Moscow: Publishing house Yurait , 2025. - 216 p. - (Higher education). - ISBN 978-5-534-09630-9. - Text: electronic // Educational platform Yurait [site]. - URL: <https://urait.ru/bcode/565347/>.

## **10. Certification in the discipline.**

Certification of students is carried out in accordance with the developed point -rating system for assessing students' academic achievements in the discipline.

The midterm assessment for the discipline is carried out in the form of practicing all didactic units and topics in the form of an interview or completing control and measuring materials remotely. Students who have fully mastered the discipline program are admitted to the test (subject to collecting at least 40 rating points and successfully passing the midterm assessment).

## **11. Fund of assessment tools for the discipline**

Electronic training course on the subject "Economics" on the website <https://edu.usma.ru/course/view.php?id=295>.

Control tests, independent work, situational and practical tasks for 5 modules of the discipline.

The fund of assessment tools see the appendix to the RPD