

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **ECONOMICS**

Specialty: **31.05.01 GENERAL MEDICINE**

Qualification: **GENERAL PRACTITIONER**

Department: **SOCIAL MEDICINE AND HEALTH CARE MANAGEMENT**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **72 academic hours**


Nizhny Novgorod
2021

The working program has been developed in accordance with the Federal State Educational Standard for specialty 31.05.01 GENERAL MEDICINE approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 988 of August 12, 2020.

Developers of the working program: Pozdeeva Anna Nikolaevna, assistant at the Department of Social Medicine and Health Care Management


The program was reviewed and approved at the department meeting (protocol No. 01 June 2021)

Head of the Department

 DM, prof. I.A. Pereslegina

01 June 2021

AGREED

Deputy Head of EMA ph.d. of biology  Lovtsova L.V.

(signature)

01 June 2021

1. The purpose and objectives of mastering the academic discipline: to create the necessary level of theoretical knowledge and fundamentals of economic science among the future doctors, allowing to adequately assess and effectively implement emerging economic relations in the course of professional medical activity.

1.1. The purpose of mastering the discipline: participation in the formation of the following universal and general professional competencies among students:

Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy (UK-1);

Able to make informed economic decisions in various areas of life (UK-10);

Able to prepare and apply scientific, research and production, design, organizational, managerial and regulatory documentation in the healthcare system (OPK-11).

1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

1. know:

main stages and trends in the development of economic science; concepts and categories, principles and regularities, functions and laws of economic science; the specifics of the knowledge of the economic science of the practice of economic life;

and etc.

2. be able to:

analyze economic problems and social processes;

be an active subject of economic activity;

characterize the modern economic system of Russia;

evaluate the results of economic activity based on the calculation of the main indicators of the company;

analyze the main macroeconomic indicators in dynamics and in comparison with other countries;

based on the received and analyzed primary economic information, make competent management decisions

3. possess

basic economic concepts, categories, economic laws;

the main methods of studying economic processes and phenomena;

fundamentals of regional and international economics;

the basics of economic activity of enterprises, organizations, institutions, firms;

the economic foundations of the social policy of the Russian Federation;

economic foundations of the financial, credit, tax, banking policy of the Russian Federation, etc.

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline B1.B5 “ECONOMICS” refers to the core part of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 1 semester/ 1 year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:

To study the discipline, knowledge, skills and abilities are necessary, formed by previous disciplines: jurisprudence, philosophy, history.

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:

The study of the discipline is necessary for the knowledge, skills and abilities formed by subsequent disciplines/practices: health economics, psychology and pedagogy, public health and healthcare.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis 1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	main economic categories, laws and methods of economic science	apply the main economic categories, laws and methods of economic science in professional activities	skills to critically perceive information about the main economic problems and social processes, understand and analyze economic problems and social processes
2.	UC-10	Able to: make well-founded	10.1 Knows: fundamentals of	methodology for analyzing	analyze the development of the	methodology for calculating economic

		economic decisions in various areas of life	economic theory, the nature of economic relations 10.2 Able to: analyze specific economic situations in various areas of life 10.3 Has practical experience in: making well-founded economic decisions	medical information	main indicators of the health system	efficiency indicators in health care
3.	GPC-11	Able to: prepare and apply scientific, research and production, design, management and regulatory documentation in the health care system	11.1 Knows: scientific, research and production, design, management and regulatory documentation in the healthcare system 11.2 Able to: prepare scientific, research and production, design, management and regulatory documentation in the healthcare system	concepts and categories, principles and regularities, functions and laws of economic science	based on the received and analyzed primary economic information, make competent management decisions	skills in the preparation and application of scientific, research and production, design, organizational, managerial and regulatory documentation in the healthcare system

4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1.	UC-1 UC-10 GPC-11	Subject of economic science	Subject, functions and methods of economic science. Formation and history of economic science. The main problems of the economy. Economic system of society: subjects and objects. factors of production. Social reproduction and its elements.

2.	UC-1 UC-10 GPC-11	Market mechanism	Market: essence, structure and infrastructure. Supply and demand. Market pricing. Elasticity of supply and demand. Theory of consumer behavior.
3.	UC-1 UC-10 GPC-11	Producer in a market economy	Classification of enterprises by forms of ownership. Organizational and legal forms of entrepreneurship. Essence and structure of costs. Profit and the factors that determine it.
4.	UC-1 UC-10 GPC-11	Competition theory	Essence and forms of competition. Competition between sellers and buyers. Price and non-price competition. Intra-industry and inter-industry competition. Models of market structures. Perfect competition market. Monopoly. Oligopoly.
5.	UC-1 UC-10 GPC-11	Patterns of functioning of the national economy	National economy. System of national accounts. Main macroeconomic indicators, methods of their calculation. aggregate demand. Aggregate offer. macroeconomic equilibrium. The economic growth.
6.	UC-1 UC-10 GPC-11	Main macroeconomic problems	Cyclic development of the economy. Inflation: essence, causes, forms, socio-economic consequences. Unemployment: essence, forms. Relationship between inflation and unemployment.
7.	UC-1 UC-10 GPC-11	Regulation of the market economy	Methods of state regulation of market economy. Antimonopoly law. Financial system and financial policy of the state. Taxes: essence, functions. Monetary system of the state and monetary policy. Social politics.

5. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity (AH) in semesters	
	volume in credit (CU)	units in academic hours (AH)	1	2
	Classroom work, including	1,22	44	44
Lectures (L)	0,28	10	10	-
Laboratory practicum (LP)*	-	-	-	-
Practicals (P)	-	-	-	-
Seminars (S)	0,94	34	34	-
Student's individual work (SIW)	0,78	28	28	-
Mid-term assessment	-	-	-	-
credit/exam (<i>specify the type</i>)	-	зачет	зачет	-
TOTAL LABOR INTENSITY	2	72	72	-

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					total
		L	LP	P	S	SIW	
1.	The emergence and development of economics as a science	2		2		2	6
2.	Economic relationships between people and types and models of economic systems	2		2		2	6
3.	Market as an economic category	2		4		2	6

4.	Demand, supply, equilibrium price	2		4		2	6
5.	Market pricing	2		2		2	6
6.	Organization of entrepreneurial activity			2		2	4
7.	Fundamentals of production theory			2		2	4
8.	Market for factors of production			2		2	4
9.	Costs and profits			2		2	4
10.	Competition and monopoly			2		2	4
11.	The nature and essence of money			2		2	4
12.	Credit system and banks			2		2	4
13.	State budget and budget structure			2		2	4
14.	Taxes and tax system			2		1	6
15.	Social economy and quality of life			2		1	4
	TOTAL	10		34		28	72

* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student’s individual work.

6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in AH
		semester 1
1.	Subject and method of economic science. General problems of economic development	2
2.	Market organization of the economy. The theory of market equilibrium. Elasticity of supply and demand. consumer choice	2
3.	Competition between sellers and buyers. Market structure models	2
4.	Macroeconomic analysis of the national economy. System of national accounts. Macroeconomic balance	2
5.	The main instruments of state regulation of the market economy. Monetary, fiscal and social policy of the state	2
	TOTAL (total - AH)	10

6.2.2. The thematic plan of laboratory practicums: n.p.f.

6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH
		semester 1
1.	The emergence and development of economics as a science	2
2.	Economic relationships between people and types and models of economic systems	2
3.	Market as an economic category	4

4.	Demand, supply, equilibrium price	4
5.	Market pricing	2
6.	Organization of entrepreneurial activity	2
7.	Fundamentals of production theory	2
8.	Market for factors of production	2
9.	Costs and profits	2
10.	Competition and monopoly	2
11.	The nature and essence of money	2
12.	Credit system and banks	2
13.	State budget and budget structure	2
14.	Taxes and tax system	2
15.	Social economy and quality of life	2
	TOTAL (total - AH)	34

6.2.4. Thematic plan of seminars: n.p.f.

6.2.5. Types and topics of student's individual work (SIW)

№	Types and topics of SIW	Volume in AH
		semester 1
1.	The emergence and development of economics as a science	2
2.	Economic relationships between people and types and models of economic systems	2
3.	Market as an economic category	2
4.	Demand, supply, equilibrium price	2
5.	Market pricing	2
6.	Organization of entrepreneurial activity	2
7.	Fundamentals of production theory	2
8.	Market for factors of production	2
9.	Costs and profits	2
10.	Competition and monopoly	2
11.	The nature and essence of money	2
12.	Credit system and banks	2
13.	State budget and budget structure	2
14.	Taxes and tax system	1
15.	Social economy and quality of life	1
	TOTAL (total - AH)	28

7. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Semester No.	Types of control	Name of section of academic discipline	Assessment formats		
				types	number of test questions	number of test task options
1	2	3	4	5	6	7
1.	1	Current monitoring	Subject of economic science	Test	10	2
		Mid-term assessment		Individual survey		

2.	1	Current monitoring	Market mechanism	Individual survey, problem solving		
		Mid-term assessment		Test	10	2
3.	1	Current monitoring	Producer in a market economy	Written control work on the section	4	3
		Mid-term assessment		Test	10	2
	1	Current monitoring	Competition theory	Individual survey, problem solving		
		Mid-term assessment		Test	10	2
	1	Current monitoring	Patterns of functioning of the national economy	Credit: final interview	1-2	
		Mid-term assessment		Test	10	2
	1	Current monitoring	Main macroeconomic problems	Individual survey, problem solving	1-2	
		Mid-term assessment		Test	10	2
	1	Current monitoring	Regulation of the market economy	Abstract	4	10-15
		Mid-term assessment		Test	10	2
	1	Current monitoring	Regulation of the market economy	Final testing	4	4
		Mid-term assessment		Test	10	2

** forms of current control: control of student's independent work, control of mastering the topic; written test work; forms of mid-term assessment: test, exam*

Examples of evaluation tools:

Test task example :

Choose one correct answer:

THE PRICE OF A GOOD WILL DECREASE IF THE SUPPLY OF THE GOOD

- a) will stay the same and demand will decrease
- b) will decrease, but demand will remain unchanged
- c) will stay the same and demand increases
- d) will decrease and demand will increase

WHEN DETERMINING THE QUALITY OF SUCH A FACTOR OF PRODUCTION AS "LABOR", ONE MUST PAY ATTENTION TO

- a) whether the employee has certain skills and abilities
- b) the willingness of the employee to participate in the life of the team
- c) the efficiency of the equipment used
- d) the presence of a labor protection system at the enterprise

Approximate topics of abstracts

1. History of formation and development of economic theory.
2. Human factor. The role of healthcare in its formation
3. Types and forms of ownership in the Russian economy
4. Privatization: concept, goals, methods, stages. Privatization in Russia in the 21st century
5. Features of market relations in healthcare
6. Medical service: concept, specific features and types
7. Disadvantages of a market economy. The role of the state in maintaining the functioning of the market mechanism
8. Features of the formation of demand and supply in the market of medical services
9. Modern money and its features
10. Russian pharmaceutical market. Development issues
11. Antimonopoly regulation of the Russian economy
12. State regulation of wages in Russia
13. Unemployment, its socio-economic consequences. State regulation of unemployment
14. Rent. Income from natural resources
15. Entrepreneurship Development in Healthcare
16. Modern economic crisis. Anti-crisis policy of the state
17. Inflation: causes, types, socio-economic consequences. Anti-inflationary policy of the state
18. Social policy of the state
19. The problem of income inequality in society
20. Globalization of the world economy

Examples of tasks on the topic "Producer in a market economy"

1. The fixed capital of the company "Electronics" is estimated at 30 million rubles. Its service life is 5 years. Three years later, as a result of technical innovations, the market price of similar equipment decreased by 20%. What will happen to the fixed capital of the firm in this situation and what will be its losses?

Sample solution to the problem:

The fixed capital of the company will depreciate and its direct losses will amount to 2.4 million rubles.

*$(30 - 30/5 * 3) = 12$ million rubles. (cost including depreciation after 3 years; $12 * 20/100 = 2.4$ million rubles - direct losses)*

2. A medical institution provides paid medical services. Within a month, 200 consultations were provided by a neurologist at a price of 100 rubles. The following month, as a result of the social and economic policy of the state, the income of the population increased by 25%. The number of consultations has increased to 220.

Calculate the income elasticity of demand for medical services provided by this medical institution. Give it a rating.

Sample solution to the problem: $E = (220 - 200) / 200 / 0.25 = 0.4$

The income elasticity of demand is 0.4. This means that the population considers this service to be an essential service.

Questions for offset

1. Economic benefits: concept and classification.
2. Reproduction and its phases.

3. Economic systems. Types of economic systems
4. Demand. The law of demand. elasticity of demand. Individual and market demand. demand factors.
5. Types and characteristics of social needs.
6. System of indicators for macroeconomic analysis of the national economy (GDP, GNP, NNP, NI, Personal income)
7. Means of production. public production. Productive forces and production relations.
8. Functions of the state in a market economy.
9. Factors of production (resources) and their classification.
10. Market balance. Market pricing.
11. Production Possibility Curve.
12. The concept of the market and its functions. The main factors of the market. Subjects and objects of the market.
13. Commodity-money relations in society. Commodity production and goods.
14. Classification of markets. market infrastructure.
15. Fixed and working capital. The concept of bankruptcy. Physical and moral deterioration. Depreciation.
16. Sentence. The law of supply. The elasticity of supply. supply factors.
17. Market balance. Market price and equilibrium quantity. Changing Market Equilibrium
18. Inflation and its causes. Types and consequences of inflation.
19. Production costs and profit. Constants, variables and general; average and marginal cost of production.
20. Unemployment, its types, causes, consequences, methods of struggle.
21. The state budget. Types of budgets. The main items of income and expenditure of the state budget.
22. Entrepreneurship and its types. Essence and organizational-legal forms of entrepreneurship.
23. Functions of money and the law of monetary circulation.
24. Cost price. Price. Profit. Profitability.
25. The cyclical nature of the economy. The economic cycle, its phases.
26. Taxes and their types. Tax system.
27. The economic growth. Economic growth indicators
28. Production costs and profit. Constants, variables and general; average and marginal cost of production.
29. Banks and their role in the economy.
30. Ownership. Basic forms of ownership.

8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	Драчук П. Э. Основы экономической теории / П. Э. Драчук, М. В. Егорова. - Челябинск : ТЭТА, 2019 г.	-	1
2.	Экономическая теория. Краткий курс: Учебник.-6-е изд./ Под ред. В.Д. Камаева, М.З. Ильчикова, Т.А. Борисовской. - М.: КноРус, 2012. – 384с.	1	569

3.	Курс экономической теории: учебник / Под общей редакцией Чепурина М.Н., Киселевой Е.А. – Киров: «АСА», 2009. – 880с.	-	9
4.	Основы современной экономики : учебник / В. М. Козырев. – 4-е изд., перераб. и доп. – М. : Финансы и статистика, 2009. – 544 с. : ил. тв. ISBN 978-5-279-03181-8.		1
5.	Экономическая теория : учебное пособие / Л. Е. Басовский, Е. Н. Басовская. – М. : ИНФРА-М, 2011. – 375 с. : тв. – (Высшее образование) . ISBN 978-5-16-003957-2.		1

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	Экономическая теория. Учебник и практикум/под ред. Гукасян Г.М., Маховиковой Г.А., Амосовой В.В.- М.: «Юрайт», 2013.- 576 с.	1	Нет в библиотеке
2.	Курс экономики:Учебник.-5-е изд., исправл./ Под ред. Райзберга Б.А. - М.:ИНФРА-М,2014.- 686 с.	1	-
3.	Экономика: краткий курс лекций /А.И Салов.- 3-е изд. перераб. и доп. - М.: Издательство Юрайт; ИД Юрайт, 2016.-197 с.	1	-
4.	Основы экономики [Электронный ресурс] : учебник / Липсиц И.В. - М. : ГЭОТАР-Медиа, 2013. - – Режим доступа : http://www.studmedlib.ru/book/ISBN9785970424124.html		ЭБС
5.	Иорданская, Н. А. Экономическая теория и экономика здравоохранения: введение в курс [Электронный ресурс] : учебно-методические рекомендации / Н. А. Иорданская ; Изд. организация Нижегородская государственная медицинская академия. – Электрон. дан. (341 Кб). – Н.Новгород : НГМА, 2006. – Режим доступа : http://95.79.46.206/view.php?fDocumentId=1383 . - Загл. с титул. экрана.		ВЭБС НижГМА

8.3. Electronic educational resources for teaching academic subjects

8.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1.	Internal electronic library system (VEBS)	Proceedings of the teaching staff of PIMU: textbooks and teaching aids, monographs,	from any computer on the Internet, using an individual	Not limited

		collections of scientific papers, scientific articles, dissertations, abstracts of dissertations, patents.	login and password	
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8.3.2. Electronic educational resources acquired by the University

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
1.	Electronic reference and legal system "Consultant Plus"	Regulatory documents regulating the activities of medical and pharmaceutical institutions	from the computers of the scientific library	Not limited

8.3.3 Open access resources

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
1.	Electronic catalog "Russian medicine" TsNMB of the First Moscow State Medical University. THEM. Sechenov	The catalog includes bibliographic descriptions of domestic and foreign books, collections of papers, conference materials, articles from domestic journals and collections, dissertations, author's abstracts, deposited manuscripts, etc. Thematically, the database covers all areas of medicine and related fields (biology, biochemistry, psychology, pharmacy, veterinary medicine, etc.).	http://www.scsml.rssi.ru
2.	Federal Electronic Medical Library of the First Moscow State Medical University THEM. Sechenov	FEMB includes both full-text electronic copies of printed publications and independent original electronic publications that have no analogues recorded on traditional media.	http://feml.scsml.rssi.ru/feml
3.	World Health Organization	Reports, reviews, guidelines, recommendations of the World Health Organization	http://www.who.int/en/
4.	Scientific electronic libraryeLIBRARY.RU	The largest Russian information and analytical portal in the field of science, technology, medicine and education, containing abstracts and full texts of more than 25 million scientific articles and	http://elibrary.ru/defaultx.asp

		publications, including electronic versions of more than 5,500 Russian scientific and technical journals, of which more than 4,600 journals are open access . Registration is required to use the system.	
5.	Directory of open access books (DOAB)	Directory of open access to the full-text collection of scientific books (over 10 thousand)	http://www.doabooks.org/
6.	Scientific library of open access "CyberLeninka"	The library is completed with full texts of articles published in scientific journals in Russia and neighboring countries, including journals included in the list of the Higher Attestation Commission of the Russian Federation. Electronic copies of documents are in the public domain with the possibility of downloading.	http://cyberleninka.ru/about
7.	PubMed (Bookshelf) books	Full-text collection of books on medicine and biological sciences of the US National Library of Medicine	http://www.ncbi.nlm.nih.gov /

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

No. p / p	Name of premises	Room number	Area (m ²)
1.	Teaching	203	15
2.	study room	104	50
3.	study room	105	50
4.	computer class	101	50
	Total area:		165

9.2. List of equipment for classroom activities for the discipline

1. Epson multimedia projector EMP - S3L
2. Lenovo laptop

9.3. A set of licensed and freely distributed software, including domestic production

Item	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of	Contract No. and date
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no.					Russian software	
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Name of the department

CHANGE REGISTRATION SHEET

working program for the academic discipline
NAME OF THE ACADEMIC DISCIPLINE

Field of study / specialty / scientific specialty: _____
(code, name)

Training profile: _____
(name) - for master's degree programs

Mode of study: _____
full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting
Protocol No. _____ of _____ 20__

Head of the Department

department name, academic title

signature

print name