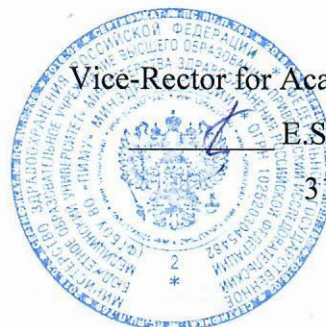


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **PUBLIC HEALTH AND HEALTH CARE**

Specialty: **31.05.03 DENTISTRY**

Qualification: **DENTIST**

Department: **SOCIAL MEDICINE AND HEALTHCARE 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 the specialty **31.05.03DENTISTRY**, approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 965 dated the 12th of August 2020.

Developer of the working program:

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Nadezhda Ilyinichna Gurvich, PhD in Medical Sciences, Associate Professor of the Department of Social Medicine and Health Care Management.

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

/ Head of the Department,

Doctor of Medical Science, Professor



Pereslegina I.A.

(signature)

01June 2021

AGREED

Deputy Head of EMA ph.d. of biology



Lovtsova L.V.

(signature)

01June 2021

1. The purpose and objectives of mastering the academic discipline “Law”
(hereinafter – the discipline):

1.1. The purpose of mastering the discipline: (participation in forming the relevant competencies of UK-1; GPC-4, GPC -11; GPC-12; GPC-13; PC-5, PC-8, PC-10.):

1. Able for critical analysis of problematic situations based on systematic approach; ability to strategize (UC-1);

2. Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population (GPC-4);

3. Able to implement the principles quality management in professional activities (GPC - 11);

4. Able to implement and monitor the effectiveness of medical rehabilitation of a dental patient (GPC-12)

5. Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies taking into account the basic requirements of information security (GPC-13);

6. Able and readiness to use social and hygienic methods of collection and medical and statistical indicators of dental morbidity, indicators of the quality of dental care (PC-5);

7. Readiness to conduct an examination of temporary disability, participate in a medical and social examination, ascertain the biological death of a person (PC-8);

8. Readiness for educational activities to eliminate risk factors for the development of dental diseases, prevent dental diseases, to educate the population in basic hygiene measures of a health-improving nature, self-control skills of the main physiological indicators that contribute to the preservation and promotion of health (PC-10).

1.2. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

- Fundamentals of the legislation of the Russian Federation, the main legal documents for the protection of public health;

- Fundamentals of insurance medicine in the Russian Federation, the structure of the modern health care system of the Russian Federation;

- Fundamentals of preventive medicine aimed at improving the health of the population; the structure and equipment of the medical departments of the polyclinic and hospital; the basics of organizing outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; participation of dentists in preventive medical examinations, principles of dispensary dental observation of various age, sex and social groups of the population, rehabilitation of patients; principles of management of the treatment process in medical organizations of the dental profile;

- features of the organization and the main activities of a dentist; organization of work of junior and middle medical personnel in medical organizations;

- maintenance of standard accounting and reporting medical documentation in medical organizations of the dental profile,

- implementation of the examination of working capacity;

- the main trends in the manifestation and prevalence of dental diseases in the country; the complex relationship between dental health, nutrition, general health, disease, drug use;

Be able to:

- analyze and evaluate the quality of medical, dental care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care;

- promote a healthy lifestyle; carry out work to promote dental health, aimed at preventing hereditary and congenital diseases; use methods of primary and secondary prevention (based on evidence-based medicine);
- maintain medical records of various nature in dental outpatient and inpatient facilities;
- to establish cause-and-effect relationships of changes in the state of health (including dental health) from the impact of environmental factors.

Possess:

- methods of maintaining medical accounting and reporting documentation in medical organizations, incl. electronic;
- methods for assessing the state of dental health of the population of various age and sex groups;
- methods of organizing the primary prevention of dental diseases in any age group, the formation of motivation to maintain the dental health of individuals, families and society, including the abandonment of bad habits that affect the state of the oral cavity.

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 “**PUBLIC HEALTH AND HEALTH CARE**” refers to the corepart of Block 1 of GEP HE (C.1.1.24).

The discipline is taught in: **5th** semesters (**3rd** year of study).

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

1. philosophy,
2. bioethics,
3. economics,
4. jurisprudence,
5. medical informatics,
6. hygiene,
7. dentistry, incl. propaedeutics of dental diseases, therapeutic dentistry, orthopedic dentistry (partially within the fourth semester program),
8. educational and industrial practice (assistant to the ward and procedural nurse).

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

1. epidemiology,
2. medical rehabilitation,
3. dentistry - programs of the fifth and subsequent semesters (including: surgical dentistry, orthopedic dentistry, pediatric dentistry, orthodontics and pediatric prosthetics, elective disciplines: maxillofacial surgery, maxillofacial orthopedic dentistry, elective disciplines, including: non-carious diseases of hard tissues of teeth, outpatient surgical dentistry, prosthetics of dentition defects, dental health of the population, features of the course and treatment of caries and its complications in children, aesthetics in dentistry, modern aspects of odontogenic inflammation, prosthetics with complete loss of teeth, features of the course and treatment of diseases of the oral mucosa in children, innovative technologies in therapeutic dentistry, modern methods of surgical preparation of the oral cavity for prosthetics, orthopedic treatment of diseases of the temporomandibular joint, features of the course and treatment tumors in children, diagnostic criteria in therapeutic dentistry, reconstructive surgery of the maxillofacial region,

planning the treatment of anomalies and deformities of the dentoalveolar system).

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 for critical analysis of problematic situations based on systematic approach; ability to strategize	IUK 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis IUK 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 IUK 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	Basic concepts and methods of sanitary statistics, basic medical and demographic indicators, principles of organizing the fight against socially significant diseases. The complex relationship between dental health, nutrition, general health, disease, and drug use. The system of dental care, the principles of public health protection, methods for calculating the indicators of dental morbidity and the activities of dental organizations	Apply the methods of sanitary statistics in practice, determine trends in dental morbidity, navigate social policy in the field of health development and health protection	Methods of sanitary statistics, methods of analyzing basic medical - demographic indicators and their trends, methods of planning medical care, incl. in dentistry, calculation methods in spreadsheets
2.	GPC-4	Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population;	IGPC 4.1 Knows: the main criteria for a healthy lifestyle and methods of its formation; socio-hygienic and medical aspects of alcoholism, drug addiction, substance abuse, the basic principles of their prevention; forms and	Methods for assessing the state of dental health of the population of various age and sex groups. Principles of hygienic	Prepare material on hygienic education (lecture, conversation, sanitary bulletin, etc.) Maintain records of preventive	Skills of hygienic education, organization of preventive examinations. Methods for calculating the indicators of the effectiveness of preventive

			<p>methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic health-improving hygiene measures that promote health and prevent the most common diseases; fundamentals of preventive medicine; stages of planning and implementation of community programs for the prevention of the most common diseases</p> <p>IGPC 4.2 Is able to:</p> <p>conduct health education among children and adults (their legal representatives) and medical workers in order to form a healthy lifestyle and prevent the most common diseases; to carry out sanitary and educational work among children and adults in order to form a healthy lifestyle and prevent the most common diseases; to form in children and adults (their legal representatives) behavior aimed at maintaining and improving the level of somatic health; develop and implement programs for the formation of a healthy lifestyle, including programs to reduce the consumption of alcohol and tobacco, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; develop a plan of preventive measures and implement methods of group and individual prevention of the most common diseases; prescribe preventive measures to patients, taking into account risk factors for the</p>	<p>education and hygienic education of the population, the concept and principles of a healthy lifestyle, the main provisions of the Federal Law of the Russian Federation "On sanitary well-being ...", risk factors for the development of dental diseases, incl. environmental, the content of the concepts of primary, secondary and tertiary prevention in dentistry.</p>	<p>visits. Conduct an analysis and prepare a report on preventive work.</p>	<p>medical examinations</p>
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			<p>prevention and early detection of diseases, including cancer; select and prescribe drugs and non-drug methods for the prevention of the most common diseases</p> <p>IGPC 4.3 Has practical experience in:</p> <p>promotion of a healthy lifestyle and prevention of the most common diseases; carrying out sanitary-educational work among children and adults; formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of somatic health; formation of healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances; development of a plan of preventive measures and the implementation of methods of group and individual prevention of the most common diseases; prescribing preventive measures for children and adults, taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; selection and prescription of drugs and non-drug methods for the prevention of the most common diseases</p>			
3.	GPC -11	Able to implement the principles quality management in professional activities	IGPC 11.1 Knows: basic concepts of the quality management system of a medical organization;	Regulations of the Ministry of Health of Russia and	Calculate the main performance indicators of dental	Skills in calculating the volume, quality and cost indicators of

			<p>requirements for ensuring internal quality control and safety of medical activities</p> <p>IGPC 11.2 Is able to: analyze the quality of medical care for dental patients; ensure internal quality control and safety of medical activities; organize the work and monitor the performance of official duties of the medical personnel at their disposal</p> <p>IGPC 11.3 Has practical experience: carrying out work to ensure internal quality control of medical care for dental patients and medical safety</p>	<p>FFOMS on quality control of medical care. Indicators of the quality of medical dental care.</p>	<p>medical organizations</p> <p>Assess the volume, quality and costs of medical care of dental institutions, use economic methods to assess its effectiveness and plan activities</p>	<p>medical care, indicators of its economic efficiency, developing measures to improve it; managerial decision-making skills</p>
4.	GPC-12	<p>Able to implement and monitor the effectiveness of medical rehabilitation of a dental patient</p>	<p>IGPC 12.1 Knows: the procedures for organizing medical rehabilitation and sanatorium treatment; methods of medical rehabilitation of the patient, medical indications and medical contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; medical indications and medical contraindications for medical rehabilitation measures in patients with dental diseases; medical indications for referring patients with dental diseases to doctors - specialists for the appointment of medical rehabilitation measures, sanatorium and resort treatment; the procedure for providing medical care to the adult population in case of dental diseases; the procedure for providing medical care to children</p>	<p>Procedures for organizing medical rehabilitation and sanatorium treatment; methods of medical rehabilitation of the patient, medical indications and medical contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; medical indications and medical contraindications for medical rehabilitation measures in patients with dental diseases; medical indications for referring patients with dental diseases to doctors - specialists for the appointment of medical rehabilitation measures, sanatorium and resort treatment; the procedure for providing medical care to the adult population in case of dental diseases; the procedure for providing medical care to children</p>	<p>Develop an action plan for medical rehabilitation in patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; determine medical indications for medical rehabilitation of patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical guidelines, taking into account the</p>	<p>Has practical experience in: drawing up an action plan for the medical rehabilitation of a patient with dental diseases in accordance with the current procedure for medical rehabilitation, clinical recommendations, taking into account the standards of medical care; carrying out medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; referring patients with dental diseases</p>

			<p>with dental diseases; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, resulting from medical rehabilitation of children and adults with dental diseases</p> <p>IGPC 12.2 Able to: develop an action plan for medical rehabilitation in patients with dental diseases in accordance with the current procedures for organizing medical rehabilitation, clinical guidelines, taking into account the standards of medical care; determine medical indications for medical rehabilitation of patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical guidelines, taking into account the standards of medical care; refer patients with dental diseases for a consultation with specialist doctors for the appointment and implementation of medical rehabilitation, sanatorium treatment, in accordance with the current procedures for organizing medical rehabilitation and sanatorium treatment, clinical recommendations, taking into account the standards of medical care; evaluate the effectiveness and safety of medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the</p>	<p>contraindications for medical rehabilitation measures in patients with dental diseases; medical indications for referring patients with dental diseases to doctors - specialists for the appointment of medical rehabilitation measures, sanatorium and resort treatment; the procedure for providing medical care to the adult population in case of dental diseases; the procedure for providing medical care to children with dental diseases; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, resulting from medical rehabilitation of children and adults with dental diseases</p>	<p>standards of medical care; refer patients with dental diseases for a consultation with specialist doctors for the appointment and implementation of medical rehabilitation, sanatorium and resort treatment, in accordance with the current procedures for organizing medical rehabilitation and sanatorium and resort treatment, clinical recommendations, taking into account the standards of medical care; evaluate the effectiveness and safety of measures for the medical rehabilitation of patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care.</p>	<p>for consultation with specialist doctors; evaluation of the effectiveness and safety of measures for the medical rehabilitation of patients with dental diseases.</p>
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			<p>standards of medical care</p> <p>IGPC 12.3 Has practical experience in: drawing up an action plan for the medical rehabilitation of a patient with dental diseases in accordance with the current procedure for medical rehabilitation, clinical recommendations, taking into account the standards of medical care; carrying out medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; referring patients with dental diseases for consultation with specialist doctors; evaluation of the effectiveness and safety of measures for the medical rehabilitation of patients with dental diseases.</p>			
5.	GPC-13	<p>Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies taking into account the basic requirements of information security</p>	<p>IGPC 13.1 Knows: the possibilities of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity</p> <p>IGPC 13.2 Knows how to: apply modern information and communication technologies to solve the problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional</p>	<p>Directions of informatization of health care, the possibility of using information, telecommunications, telemedicine technologies for the purposes of diagnostics, treatment, prevention, professional training.</p>	<p>Use medical information resources, incl. personalized data of patients in everyday practice basics of telemedicine</p>	<p>Computer skills, obtaining information from various sources, working with information in global computer networks, electronic document management</p>

			<p>databases; use modern medical and biological terminology; master and apply modern information and communication technologies in professional activities, taking into account the basic requirements of information security</p> <p>IGPC 13.3 Has practical experience in: using modern information and bibliographic resources, using special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security</p>			
6.	PC-5	<p>Able and readiness to use social and hygienic methods of collection and medical and statistical indicators of dental morbidity, indicators of the quality of dental care</p>	<p>IPC 5.1 Knows: Rules for registration and features of maintaining medical records, including in the form of an electronic document, in medical organizations of a dental profile Rules for working in medical information systems and the information and telecommunication network "Internet" Job responsibilities of medical workers in medical organizations of the dental profile Organization of the work of dental offices, equipment and equipment of dental offices, departments and clinics Occupational health, safety and fire safety requirements, emergency procedures</p> <p>IPC 5.2 Able to: Prepare work plan and work report Fill in medical documentation, including in the form of an electronic document, and control the quality of its maintenance Conduct an analysis of medical and statistical</p>	<p>Methodology of medical and statistical research. Methods of scientific analysis. Methods of statistics. Sampling principles. use of information computer systems in medicine and healthcare</p>	<p>Perform statistical processing of experimental data</p>	<p>Skills in organizing and conducting research, statistical analysis of medical data, assessing the organization's management system and developing measures to improve its efficiency</p>

			<p>indicators of the incidence of dental diseases</p> <p>Use in your work information systems in the field of healthcare and the information and telecommunication network "Internet"</p> <p>Supervise the performance of the duties of the medical staff at their disposal</p> <p>Use in the work of personal data of patients and information constituting a medical secret</p> <p>IPC 5.3 Has practical experience:</p> <p>Drawing up a work plan and a report on their work</p> <p>Maintaining medical records, including in the form of an electronic document</p> <p>Monitoring the performance of official duties by the medical staff at their disposal</p> <p>The use of information systems in the field of healthcare and the information and telecommunication network "Internet"</p> <p>Use in the work of personal data of patients and information constituting a medical secret</p>			
7.	PC-8	<p>Readiness to conduct an examination of temporary disability, participate in a medical and social examination, ascertain the biological death of a person</p>	<p>IPC 8.1 Knows:</p> <p>The procedure for issuing certificates of incapacity for work</p> <p>Medical indications for referral to a medical and social examination</p> <p>Medical documentation requirements</p> <p>IPC 8.2 Able to:</p> <p>Determine the signs of temporary disability in adults with dental diseases, temporary disability in caring for a sick child suffering from a dental disease</p> <p>Prepare medical documentation for referral of adults and children with dental</p>	<p>Fundamentals of organization and legal aspects of the examination of temporary and permanent disability, rules for issuing relevant documentation, regulations for referring patients to the MSE</p>	<p>Conduct an examination of temporary disability, determine the need for referral of patients to the MSE, draw up the relevant documentation</p>	<p>Skills in conducting an examination of working capacity, preparation of relevant documentation</p>

			<p>diseases to federal state institutions of medical and social expertise</p> <p>IPC 8.3 Has practical experience:</p> <p>Conducting an examination of temporary disability in adults with dental diseases, temporary disability to care for a sick child suffering from a dental disease</p> <p>Registration of the necessary medical documentation for conducting a medical and social examination in federal state institutions of medical and social examination</p> <p>Referral of children and adults with dental diseases for medical and social expertise</p> <p>Issuance of a certificate of incapacity for work, including to persons caring for a sick family member</p>			
8.	PC-10	<p>Readiness for educational activities to eliminate risk factors for the development of dental diseases, prevent dental diseases, to educate the population in basic hygiene measures of a health-improving nature, self-control skills of the main physiological indicators that contribute to the preservation and promotion of health</p>	<p>IPC 10.1 Knows:</p> <p>Forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers</p> <p>Features of specific and non-specific prevention of dental diseases</p> <p>The main hygienic measures of a health-improving nature that promote health and prevent the occurrence of dental diseases</p> <p>Etiology, pathogenesis, prevention of dental diseases</p> <p>Fundamentals of Preventive Medicine</p> <p>Methods and forms of organization of communication, techniques and methods of attracting the population to training in hygiene measures of a health-improving nature</p> <p>Psychological and pedagogical foundations and methods of using technical teaching aids,</p>	<p>Fundamentals of preventive medicine aimed at improving the health of the population. Methods of hygienic education and training.</p>	<p>Promote a healthy lifestyle; maintain medical documentation of various nature in dental outpatient and inpatient facilities; carry out work to promote dental health, aimed at preventing diseases; use methods of primary and secondary prevention (based on evidence-based medicine)</p>	<p>Methods of organizing primary prevention of dental diseases in any age group, formation of motivation to maintain the dental health of individuals, families and society, including the rejection of bad habits that affect the state of the cavity mouth</p>

			<p>information computer technologies, electronic educational and information resources, distance learning technologies and e-learning, including telemedicine technologies</p> <p>Educational technologies and methods for teaching patients and healthcare professionals</p> <p>IPC 10.2 Can: Plan, organize and conduct activities within the framework of health and hygiene education among the population, training patients and medical workers</p> <p>Carry out health education among children and adults with dental diseases in order to form a healthy lifestyle and prevent dental diseases</p> <p>Involve available medical personnel in the planning and development of the content of measures for sanitary and hygienic education among the population, education of patients and medical workers</p> <p>It is reasonable to use technical teaching aids, information computer technologies, electronic educational and information resources, distance educational technologies and e-learning, including telemedicine technologies</p> <p>To carry out an analysis of the measures taken for sanitary and hygienic education among the population</p> <p>IPC 10.3 Has practical experience: Planning, organizing and holding an event within the framework of sanitary and hygienic</p>			
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			<p>education among the population</p> <p>Planning, organizing and conducting patient and healthcare professional education</p> <p>Promotion of a healthy lifestyle and prevention of dental diseases</p> <p>Formation in children and adults (their legal representatives) of behavior aimed at maintaining and improving the level of dental health</p>			
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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	UK-1; GPC-4, GPC -11; GPC-13; PC-5, PC-10	General Public Health and Health Issues	Public health and public health service as a science and a subject of the study. Health, public health, estimation of health. Concept of quality of life. Prevention of dental diseases. Dental check-up.
2	UK-1; GPC-13; PC-5, PC-10	Medical statistics, organization of social and hygienic research	Biostatistics: definition, goals and parts. Descriptive, analytic and vital statistics. Quantitative measurements. Types of rates. Descriptive statistics. Measures of central tendency and measures of dispersion: definitions, characteristics, examples. Standard error of the mean. Student's test.
3	UK-1; GPC-4, GPC-13; PC-5, PC-10	Basic medical, demographic and morbidity indicators of the population, including dental morbidity	Vital statistics, its goals and tasks. The main standard forms for registration of vital events. Natality and mortality rates in Russia and other countries. Vital statistics. Specific measurements, their definitions, calculation. Morbidity and disability, their definitions, importance and calculation. ICD-10: history, characteristic, usage. Morbidity rates, methods of the study, sources of disease surveillance. Terminology according to WHO: incidence, prevalence, point prevalence, other specific parameters, their calculation.
4	UK-1; GPC-4, GPC -11; GPC-12; GPC-13; PC-5, PC-8, PC-10	Organization of dental care for the population. Examination of temporary and permanent disability	Dental clinic, its functions and ways of work, the main parameters of activity. Management of work of dentist, orthopedist, and orthodontist. Dispensary measures. Organization of in-patient care to patients with maxillofacial diseases and injuries. Estimation of dentist's activity for maxillofacial surgery hospital. Prevention of dental diseases. Organization of dental health service to children and pregnant women. Dental check-up.
5	UK-1; GPC-4, GPC -11; GPC-12; GPC-13; PC-5,	Management of medical organizations and health economics	Management of dental health service. Classification of dental outpatients' clinic. Paid dental health service. Dental orthopedic service to population. Management of inpatient care to patients with maxillofacial diseases and injuries. The main parameters of quality and efficiency of oral surgery.

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 units (CU)	volume in academic hours (AH)	
			5
Classroom work, including	1,22	44	44
Lectures (L)	0,28	10	10
Laboratory practicum (LP)*			
Practicals (P)	0,94	34	34
Seminars (S)			
Student's individual work (SIW)			
Mid-term assessment	0,78	28	28
credit/exam (<i>specify the type</i>)			credit
TOTAL LABOR INTENSITY	2	72	72

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№		Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1.	General Public Health and Health Issues	2	npf.	4	npf.	8	14
2.	Medical statistics, organization of social and hygienic research			10		5	15
3.	Basic medical, demographic and morbidity indicators of the population, including dental morbidity	4		10		5	19
4.	Organization of dental care for the population. Examination of temporary and permanent disability	2		5		5	12
5.	Management of medical organizations and health economics	2		5		5	12
	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
		5 th semester
1.	Public health and public health service as a science and a subject of the study. Health, public health, estimation of health. Concept of quality of life.	1
2.	Vital statistics, its goals and tasks. The main standard forms for registration of vital events. Natality and mortality rates in Russia and other countries.	3
3.	Morbidity and disability, their definitions, importance and calculation. ICD-10: history, characteristic, usage.	2
4.	Management of dental health service. Classification of dental outpatients' clinic. Paid dental health service. Dental orthopedic service to population.	1
5.	Management of inpatient care to patients with maxillofacial diseases and injuries. The main parameters of quality and efficiency of oral surgery.	1
	TOTAL (total - AH)	10

6.2.2. The thematic plan of laboratory practicums (*if this type of classes is stipulated in the curriculum*) – not envisaged

6.2.3. Thematic plan of practicals

№	Name of practicals	Volume in AH
		5 th semester
1	Biostatistics: definition, goals and parts. Descriptive, analytic and vital statistics. Quantitative measurements. Types of rates.	4
2	Vital statistics. Specific measurements, their definitions, calculation.	5
3	Morbidity rates, methods of the study, sources of disease surveillance. Terminology according to WHO: incidence, prevalence, point prevalence, other specific parameters, their calculation.	5
4	Descriptive statistics. Measures of central tendency and measures of dispersion: definitions, characteristics, examples. Standard error of the mean. Student's test. Tasks solution.	5
5	Dental clinic, its functions and ways of work, the main parameters of activity. Management of work of dentist, orthopedist, and orthodontist. Dispensary measures.	5
6	Organization of in-patient care to patients with maxillofacial diseases and injuries. Estimation of dentist's activity for maxillofacial surgery hospital.	5
7	Prevention of dental diseases. Organization of dental health service to children and pregnant women. Dental check-up.	5
	TOTAL (total - AH)	34

6.2.4. Thematic plan of seminars (*if this type of classes is stipulated in the curriculum*) – not envisaged

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

№	Types and topics of SIW	Volume in AH
		5 th semester
1	General issues of public health and healthcare (work with lecture material, study of lecture notes and educational literature; answering control questions, search (selection) and review of literature and electronic sources of information on the topic)	8
2	Fundamentals of population statistics, medical and demographic indicators, morbidity and disability of the population (preparation for practicals - work with lecture material; performing home tests - solving situational tasks; search (selection) and review of literature and electronic sources of information on the topic)	5
3	Medical statistics, organization of social and hygienic research (preparation for practical classes - educational literature; performing home tests - - answering control questions, solving situational tasks, developing the design of a medical statistical study on a chosen topic)	5
4	Organization of dental medical care to the population, including dental medical care in foreign countries (performing home tests - solving situational tasks; answering control questions, working with literary sources, including working out lecture notes on the section under study, searching and reviewing literature and electronic sources of information on the topic)	5
5	Health Economics (performing home tests - study of lecture notes, solving situational tasks; answering control questions, search for literature and electronic sources of information on the topic)	5
	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	Competence codes	Assessment formats		
					types	number of test questions	number of test task options

1.	5	Current monitoring	Incoming control	General Public Health and Health Issues	UK-1; GPC-4, GPC -11; GPC-13; PC-5, PC-10	Tests	10	3
			Monitoring the student's individual work			Control questions	10	3
						Abstract	5	10
2.	5	Current monitoring	Control of mastering the topic	Medical statistics, organization of social and hygienic research	UK-1; GPC-13; PC-5, PC-10	Individual survey on the topic	-	-
			Monitoring the student's individual work			Abstract	5	10
						Situational tasks	5	3
3.	5	Current monitoring	Control of mastering the topic	Basic medical, demographic and morbidity indicators of the population, including dental morbidity	UK-1; GPC-4, GPC-13; PC-5, PC-10	Individual survey on the topic	-	-
			Monitoring the student's individual work			Tests	10	3
						Situational tasks	5	3
4.	5	Current monitoring	Control of mastering the topic	Organization of dental care for the population. Examination of temporary and permanent disability	UK-1; GPC-4, GPC -11; GPC-12; GPC-13; PC-5, PC-8, PC-10	Individual survey on the topic	-	-
			Monitoring the student's individual work			Control questions	10	3
						Situational tasks	10	3
5.	5	Current monitoring	Monitoring the student's individual and group work	Management of medical organizations and health economics	UK-1; GPC-4, GPC -11; GPC-12; GPC-13; PC-5,	Individual or group research project	-	-
			Frontier control					
6.		Mid-term assessment	Credit	All sections of the discipline	-	Control questions	50	

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.	Preventive medicine and public health / (The National medical series for independent study). Edited by Brett J. Cassens. 2nd ed. - 533 pp.	1	35
2.	The New Public Health. Edited by Fran Baum. 2nd ed. Oxford University press. Australia. ISBN 0 19 551552 8. 607 pp.	-	1

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	A self – study teaching course in Public health and Health Service for foreign students. Edited by M.A.Pozdniakova, L.N.Kopteva,N.I. Gurvich./ N.Novgorod State Medical Academy, 2008. 49 p.	10	50
2.	Medical Epidemiology: Population Health and Effective Health Care /edited by Raymond S. Greenberg, W. Dana Flanders, John Eley, John Boring, Stephen R. Daniels.5th ed., 288 pages Published May 15th 2015 by McGraw-Hill Education	-	1

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) PIMU	Proceedings of PIMU staff (textbooks, manuals, collections of tasks, methodological manuals, laboratory work, monographs, etc.)	Access by individual login and password from any computer and mobile device	Not limited
2.	Sociology of Medicine: textbook / A.V. Reshetnikov - M: GEOTAR-Media, 2020. - 368 p. - ISBN 978-5-9704-5447-3.	PART I. Subject matter in sociology of medicine PART II. Sociology of medicine as a part of scientific knowledge system PART III. Comparative institutional analysis of the concepts of health and disease in models and theories of individual and society PART IV. Sociology of health and disease	EBS "Student Consultant": [website]. - URL : http://www.studentlibrary.ru/book/ISBN9785970454473.html	by subscription

8.3.2. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1.	Federal Electronic Medical Library (FEMB)	Includes electronic analogues of printed publications and original electronic publications that have no analogues recorded on other media (dissertations, abstracts, books, magazines, etc.). [Electronic resource] - Access mode: http://neb.rf/	from any computer on the Internet	Not limited
2.	Scientific electronic library eLIBRARY.RU	The largest Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications. [Electronic resource] - Access mode: https://elibrary.ru/	from any computer on the Internet	Not limited
3.	Scientific electronic library of open access CyberLeninka	Full texts of scientific articles with annotations published in scientific journals in Russia and neighboring	from any computer on the Internet	Not limited

		countries. [Electronic resource] - Access mode: https://cyberleninka.ru/		
4.	Russian State Library (RSL)	Abstracts for which there are copyright agreements with permission for their open publication [Electronic resource] - Access mode: http://www.rsl.ru/	from any computer on the Internet	Not limited
5.	Reference and legal system "Consultant Plus"	Federal and regional legislation, judicial practice, financial advice, legislative comments, etc. [Electronic resource] - Access mode: http://www.consultant.ru/	from any computer on the Internet	Not limited
6.	Official website of the Ministry of Health of the Russian Federation	National Clinical Guidelines [Electronic resource] - Access mode: cr.rosminzdrav.ru - Clinical recommendations	from any computer on the Internet	Not limited
7.	Official website of the Russian Respiratory Society	Modern materials and clinical guidelines for the diagnosis and treatment of respiratory diseases [Electronic resource] - Access mode: : www.spulmo.ru - Russian Respiratory Society	from any computer on the Internet	Not limited
8.	Official website of the Russian Scientific Society of Therapists	Modern materials and clinical guidelines for the diagnosis and treatment of diseases of internal organs [Electronic resource] - Access mode: www.rnmot.ru - Russian Scientific Society of Therapists	from any computer on the Internet	Not limited

8.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
1.	Official Guide for Foreign-educated Allied Health Professionals: What You Need to Know About Health Care and the Allied Health Professions in the United States / Nichols, Barbara L., Davis, Catherine R. / Springer. 2010. eBook. 432p. ISBN:9780826110633. 9780826110640.	1 Foreign-Educated Health Care Professionals in the United States Health Care System 2 Preparing to Leave Your Home Country 3 Entry Into the United States 4 Employment in the United States 5 The U.S. Health Care System 6 Health Care Professional Practice in the United States 7 Communicating in the U.S. Health Care System 8 Adjusting to a New Community 9 Furthering Your Education	AN 307454 Database: eBook Collection (EBSCOhost)
2.	Measurement in Nursing and Health Research / Waltz, Carolyn Feher Strickland, Ora Lenz, Elizabeth R. / Springer Pub. 2010. eBook. 4th ed. 505p. ISBN: 9780826105073. 9780826105080.	Part I: Basic Principles of Measurement Part II: Understanding Measurement Design Part III: Measurement via the Digital World Part IV: Instrumentation and Data Collection Methods Part V: Measurement Issues	AN 317903 Database: eBook Collection (EBSCOhost)

3.	<p>The handbook of health behavior change / Sally A. Shumaker, Judith K. Ockene, Kristin A. Riekert, editors.–3rd ed. Springer Pub. Co. 2009. eBook. 860p. ISBN 978-0-8261-1545-4</p>	<p>Section I: Health Behavior Change and Maintenance: Theory and Techniques Section II: Interventions for Lifestyle Change Section III: Measurement Section IV: Obstacles and Predictors of Lifestyle Change and Adherence Section V: Lifestyle Change and Adherence Issues Within Specific Populations Section VI: Lifestyle Change and Adherence Issues Among Patients With Chronic Diseases Section VII: Lifestyle Change and Adherence: The Broader Context</p>	<p>AN 263056 Database: eBook Collection (EBSCOhost)</p>
4.	<p>Public Health and Health Service: guide to practical skills: teaching aid for students of institutions of higher medical education / V. S. Glushanko, L. I. Orekhova, E. V. Mikhnevich; Ministry of Health of the Republic of Belarus, "Vitebsk State Medical University". - Vitebsk: VSMU, 2020. - 130 p. ISBN: 978-985-466-978-6</p>	<p>The manual includes a description of the practical skills necessary for studying the discipline with examples and algorithms for their solution, as well as options for practical individual tasks for students. It is intended for students of the Faculty of Training of Foreign Citizens with the English language of instruction, for students of the Faculty of Dentistry with the English language of instruction, interns, clinical residents, doctors, general practitioners, undergraduates, graduate students and applicants for academic degrees of higher medical education institutions studying public health and healthcare in English.</p>	<p>URI: http://elib.vsmu.by/handle/123/2266</p>
5.	<p>Oxford Textbook of Public Health. 5th Ed. Edited by Roger Detels, Robert Beaglehole, Mary Ann Lansang, Martin Gulliford / Oxford University Press; Inc., New York, New York. 2011, 1922 pp.. ISBN-13: 9780199218707,</p>	<p>The Oxford Textbook of Public Health divides the complex, dynamic subject of public health into three topics: the scope of public health, including development, policies, laws, and ethics; the methods of public health, including the epidemiology; and the practice of public health, including the problems and options for disease prevention and control. The textbook also looks at the future of public health in the 21st Century, and remains the most comprehensive, accessible reference for both students and practitioners in public health and epidemiology.</p>	<p>Database: via PubMed, ISI, and CrossRef Web site: http://www.oup.com/us</p>
6.	<p>EBS "STUDENT CONSULTANT"</p>	<p>Multidisciplinary database of educational and scientific literature, representative collections of the following publishers: GEOTAR-Media (3500 publications in Clinical Medicine, Fundamental Medicine),</p>	<p>by subscription to the National Research Nizhny Novgorod State University. N.I. Lobachevsky (NNSU)" access code at nmo@lib.unn.ru http://www.studentlibrary.ru http://www.studmedlib.ru</p>

			mobile version: http://m.studentlibrary.ru
7.	EBS "PHYSICIAN CONSULTANT"	Complements the collections on medicine "GEOTAR-Media", included in the ELS "Student's Consultant" (about 2000 publications in various medical specialties).	by subscription to the National Research Nizhny Novgorod State University. N.I. Lobachevsky (NNSU)" access code at nmo@lib.unn.ru http://www.studentlibrary.ru http://www.studmedlib.ru mobile version: http://m.studentlibrary.ru

9. Material and technical support for mastering an academic discipline

9.1. List of premises for classroom activities for the discipline

1. Premise for classroom №102 of 22 sq. m
2. Premise for classroom №103 of 20 sq. m
3. Premise for classroom №104 of 50 sq. m
4. Premise for classroom №105 of 50 sq. m

9.2. List of equipment for classroom activities for the discipline

1. Multimedia complex:
 - 1.1. Personal computers
 - 1.2. Multimedia projectors
 - 1.3. Projection screen
2. Photocopier
3. Canon Multifunctional Laser Base MF3228
4. Sets of slides, tables / multimedia visual materials on various sections of the discipline.

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

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
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 Subscriptio n	
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 **SOCIAL MEDICINE AND HEALTHCARE MANAGEMENT**

CHANGE REGISTRATION SHEET

working program for the academic discipline

PUBLIC HEALTH AND HEALTH CARE

Field of study / specialty / scientific specialty: **31.05.03DENTISTRY**

Training profile: _____

(name) - for master's degree programs

Mode of study: **FULL-TIME**

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