

The catalog of elective disciplines on the 2022 – 2023 academic year

1. Department: "Social health insurance and public health»

2. Level of training: magistracy

3. Specialization: "Public health»

4. Course: 2

5. Name of elective discipline: " Information technology in public health»

6. Number of credits - 5

7. Purpose: Formation of the foundations of professional competencies and skills in the field of information management in the framework of the modern model of health of the Republic of Kazakhstan.

Formation of students: Generation and development of knowledge among undergraduates about information technology in general, and in public health. Expand skills and competence in the application of modern information technologies and systems in the healthcare sector

8. Tasks:

train to use electronic services provided by "e-government"; train to use the regulatory framework of e-government; approach to patient care and treatment and empower professionals working in the organization to be responsible for quality.

9. Rationale for the choice of discipline: The peculiarity of modern society is the continuous exchange of information. Complete, reliable, up-to-date information is a necessary condition for the successful functioning of any organization. The management process is primarily associated with information exchange between subjects and objects of management. Therefore, information support plays an important role in management. The development of information and communication technologies (ICT) and the global Internet have significantly improved the effectiveness of government activities. Today about 200 countries of the world create "electronic governments". The emergence of "electronic government" in the Republic of Kazakhstan is a practical mechanism of an open legal society, providing interactive services that require two-way communication between citizens and government agencies.

10. Learning outcomes (competencies):

1). Knowledge and understanding (to demonstrate knowledge and understanding in the study area, including elements of the most advanced knowledge in this area): knows the possibilities of modern information technology to solve professional problems, the basics of the organization of medical care, the basics of health insurance, social insurance and social security, the main indicators of the various institutions of the health system, demonstrates knowledge and understanding in the study area, including elements of the most advanced knowledge in this area,

2). Application of knowledge and understanding (to apply this knowledge and understanding at the professional level): knows how to apply in his professional activities the legal framework and the law of the Republic of Kazakhstan "On Information"; knows how to use information and educational technologies; is able to use the capabilities of modern information technologies to solve professional problems; knows how to freely use various programs of a personal computer;

3). Formation of judgments (to formulate arguments and solve problems in the field of study): proves the possibilities of information and educational technologies, demonstrates to the audience the possibilities of modern information technologies for solving professional problems; shows skills in organizational technique; discusses and evaluates the concept of information security of the Republic of Kazakhstan, the concept of creating a unified health information system.

4). Learning skills or ability to learn (you can make the collection and interpretation of information to inform judgments taking into account social, ethical and nauch reasons): proves to the audience the possibilities of modern information technologies for solving professional problems; demonstrates his high level of knowledge about the state of information security of the Republic of Kazakhstan; distinguishes between the main directions and mechanisms for the implementation of the State program

5). Communication skills (to communicate information, ideas, problems and solutions to both professionals and non-professionals): Able to clearly state and explain to undergraduates, teachers, examiners their own and additional knowledge about information technologies in the field of health; Able to discuss and evaluate modern information and communication technologies in the field of public health development.

11. Prerequisites: undergraduate disciplines.

12. Post-requisites: doctoral disciplines

13. Literature

Basic:

DRS Kesan - Kogamdyk Densaulyk Saturday aparati, tekhnologiyalar PN boiynsha: DRS Kesan / kogamdyk Densaulyk satou - 2 kafedراس. - Shymkent : OMPA, 2016. - 75 bet. S. AFR.

Development of methodical approaches to optimization of information support of specialists (doctors and pharmacists) - based on computer technology : methodical REC. / K. D. Shertaeva [and others]. - Astana - Shymkent : UKGM, 2008

Electronic resources

Development of methodical approaches to optimization of information support of specialists (doctors and pharmacists) - based on computer technology [Electronic resource] : methodical REC. / K. D. Shertaeva [and others]. - Electron. text Dan. (220 KB). - Astana - Shymkent , 2008

1. Department: "Social health insurance and public health»

2. Level of training: magistracy

3. Specialty: «Public health»

4. Course: 2 course

5. Name of elective discipline: «Features of financing social activities in the context of compulsory social health insurance»

6. Number of credits - 5

7. Goal: To form a set of master knowledge, skills and abilities necessary for effective work in the health care system, transformed with the introduction of

mandatory social health insurance. To teach future health professionals to correctly cover changes in the work of medical institutions in accordance with the requirements of the mandatory social health insurance program.

8. Tasks:

- Study the social factors that affect human health.
- To study the forms and methods of social medicine aimed at preserving, restoring health and preventing diseases.
- Develop skills to develop effective methods of social protection of public health from sociogenic factors.

To teach a systematic approach to the analysis of public health and health care.

- Acquire knowledge and skills to solve problems in three main aspects of public health: demography, morbidity, and physical development.
- To study ways of implementing the OSMS system in the healthcare system of the Republic of Kazakhstan.
- Analyze the advantages and disadvantages of the interaction between OSMS and gobmp.
- To develop knowledge of the principles and methods of successful management of the health system in the framework of OSMS among health managers.

9. Rationale for the choice of discipline: Compulsory medical insurance (MHI) is a type of compulsory social insurance that is a system of legal, economic and organizational measures created by the state aimed at ensuring, in the event of an insured event, guarantees of free provision of medical assistance to the insured person at the expense of mandatory medical insurance within the territorial program of mandatory medical insurance and in cases established by Federal law, within the basic program of mandatory medical insurance. Within the framework of the basic program of compulsory medical insurance, primary health care, including preventive care, and emergency medical care (with the exception of specialized (sanitary-aviation) emergency medical care) are provided.

10. Learning outcomes (competencies): Knowledge and understanding (Demonstrate knowledge and understanding in the field of study, including elements of the most advanced knowledge in the field):

- * Knows the directions for introducing mandatory social insurance;
- * Monitoring the activities of medical and sanitary institutions in the context of interaction with the system of mandatory medical insurance;
- * Knows the rights and obligations of both the insurer and the policyholder;
- * Knows how to use the compulsory health insurance system in practice;

Application of knowledge and understanding (apply this knowledge and understanding at a professional level):

- * Is able to keep records in the clinic and hospital, taking into account the changes required by the introduction of mandatory social health insurance;
- * Is able to provide a set of legal, economic and organizational measures to provide medical care to consumers of compulsory social insurance services;
- * Able to provide information systems and electronic information about mandatory social insurance programs;

* The company draws up an innovative program and develops an action plan for their implementation.

Formation of judgments (to formulate arguments and solve problems in the study area):

* Able to answer questions about the organization of medical care in the interaction of the mandatory medical insurance Fund and the guaranteed amount of free medical care;

* Is fluent in the rules of registration of insurance policy in the mandatory social health insurance Fund;

* Able to take into account consumers of medical services in the framework of mandatory social insurance;

* Shows your ability to work as a team.

Learning skills or learning abilities (to collect and interpret information to form judgments based on social, ethical and scientific considerations):

* Applies the acquired knowledge to distribute information among students explaining current issues on the rules for obtaining an insurance policy and receiving medical care in accordance with the introduction of the mandatory medical insurance system;

* Able to distinguish between types of medical and social protection used in medical practice;

* Able to pass on their own knowledge and skills to students, teachers, and examiners when planning and conducting training events;

* Builds your skills in social insurance.

Communication skills (to communicate information, ideas, problems and solutions to both professionals and non-professionals):

* Analyzes the collection of information on the state of public health, socially vulnerable groups of the population;

* Increases public awareness of the mandatory social health insurance system;

* Conducts an audit that allows you to conclude and make recommendations in accordance with the rules of mandatory social insurance;

* Conducts public lectures on public health issues.

11. Prerequisites: bachelor degree Courses.

12. Post-requirements: Master's thesis defense

13. Literature:

Basic:

1. Improving the quality of medical care and patient safety in medical organizations: a visual guide. G. E. Ulumbekova ; under the editorship of S. S. Panesar. Moscow: GEOTAR-Media, 2016. - 160 p.

2. Lecture complex on the discipline: "Global health": lectures / KAF. public health-1. - Shymkent : SKSPHA, 2016. - 17 s

3. Lisitsyn, Yu. P. Public health and healthcare: textbook / Yu. P. Lisitsyn, G. E. Ulumbekova. - 3rd ed., Rev. ; Ministry of education and science of the Russian Federation. Rivers'. GOU VPO "the First state med. UN-t im. I. M. Sechenov". Moscow: GEOTAR-Media, 2015. - 544 p.

4. Mamyrbayev, A. A. Fundamentals of occupational medicine: textbook. manual / A. A. Mamyrbayev. - Aktobe: Samrad, 2015. - 388 p.
5. Levchuk, I. p. Safety of life: studies. manual for med. schools and colleges / I. P. Levchuk, and E. K. Khandogin, M education and science of the Russian Federation. - ; Rivers'. The SEI HPE "First Moscow med. UN-t im. I. M. Sechenov". Moscow: GEOTAR-Media, 2014. - 144 p.
6. Medik, V. A. Public health and healthcare: textbook / V. A. Medik, V. K. Yuriev. - 2nd ed., ISPR. and EXT.; of the Rivers. GOU VPO " Mosk. honey. Acad. them. I. M. Sechenov". Moscow: GEOTAR-Media, 2014. - 608 p.
7. Public health and healthcare, health Economics. In 2 vol. T. 1: textbook / M-vo of education and science of the Russian Federation; edited By V. Z. Kucherenko. - ; Rivers'. Sbei HPE "First Moscow. state med. UN-t im. I. M. Sechenov". Moscow: GEOTAR-Media, 2013. - 688 Il.
8. Public health and healthcare, health Economics. In 2 vol. T. 2: textbook / M-vo education and science; edited by V. Z. Kucherenko. - ; Rivers'. Sbei HPE "First Moscow. state med. UN-t im. I. M. Sechenov". Moscow: GEOTAR-Media, 2013. - 160 p.: ill. -
9. Bledow, M. Schwa. Kogamdyk Densauylyk and desaulty satou : owly / M. Schwa. Blelow. - Almaty: Evero, 2015. - 244 bet s.
10. Sarsenbaeva, G. J. Kogamdyk Densauylyk satou : excellent Ali / G. J. Sarsenbaeva ; R Densauylyk satou ministrels; OMPA. - Karagandy: aknur residential complex, 2013. - 184 bet. with.

Additional:

1. Saparbekov, M. K. Lectures on General epidemiology: selected lectures: textbook.- metotic manual / M. K. Saparbekov. - ; Rivers'. by the decision of the Uchen press. Agiuv Council. - Almaty: Evero, 2013. - 78 p.
2. Medik, V. A. Public health and healthcare: ruk. to practical classes: studies. manual / V. A. Medik, V. I. Lisitsyn, M. S. Tokmachev; M-vo of education and science of the Russian Federation; Federal state University "Federal Institute of education development". - ; Rivers'. GOU VPO " Mosk. honey. Acad. them. I. M. Sechenov". Moscow: GEOTAR-Media, 2012. - 400 p.: ill.
3. Polunina, N. V. Public health and healthcare: textbook / N. V. Polunina; REC. Educational method. 'ed. by med. and pharmaceutical. image. University of Russia. - Moscow: MIA, 2010. - 544 p.: ill.
4. Bledow, M. Schwa. Kogamdyk Densauylyk and desaulty satou : owly / M. Schwa. Blelow ; R BM. - Almaty : R Geary excellent orinary audactiy, 2012. - 256 bet. with.

Electronic resources:

1. Lisitsyn, Yu. P. Public health and healthcare [Electronic resource]: textbook / Yu.P. Lisitsyn, G. E. Ulumbekova. - 3rd ed., Rev. and DOP. - Electron. text messages. (43.1 MB). Moscow: GEOTAR-Media, 2017. - el. wholesale. disk (CD-ROM).
2. DRS Kesan. Alandi Densauylyk satou PN boiynsha [Electronic resource] : DRS Kesan / No. 1 kogamdyk Densauylyk satou kafedrasi. - Electron. text messages. (208 KB). - Shymkent : OMPA, 2016. - 16 bet. with.

3. Primary health care as a priority in the health care system [Electronic resource] : lecture complex / SKSPHA. Department: "Public health-1". - Electron. text messages. - Shymkent : [b. I.], 2015. - el. wholesale. disk
4. Medik, V. A. Public health and healthcare [Electronic resource]: textbook / V. A. Medik, V. K. Yuriev. - Electron. text messages. (47.6 MB). Moscow: GEOTAR-Media, 2013. - 608 p. El. wholesale. disk (CD-ROM)
5. Lisitsyn, Yu. P. Public health and healthcare [Electronic resource]: textbook / Yu .P. Lisitsyn, G. E. Ulumbekova. - 3rd ed., Rev. and DOP. - Electron. text messages. (40.9 MB). - M. : Publishing House. GEOTAR-Media group, 2011. - 544 El. wholesale. disk
6. Shchepin, O. p. Public health and healthcare [Electronic resource]: textbook / O. P. Shchepin, V. A. Medik. - Electron. text messages. (43.6 MB). - M. : Publishing House. GEOTAR-Media group, 2011. - 592 p. El. wholesale. disk (CD-ROM).