

ANNOTATIONS

WORK PROGRAMS OF COURSES (MODULES)

degree / speciality

31.05.01 "General Medicine"

professional direction

General Medicine

Qualification – Physician

START YEAR

Annotation of work program of course Medical and biological physics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	speciality
Attendance	intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Physiological and biochemical mechanisms of adapta

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional</p> <p>PC-16 readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Basis of Medical Genetics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional PC-4 ability and willingness to use socio-hygienic methods of collecting and medico-statistical analysis of indicators of public health
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Nursing

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>GPC-10 readiness to ensure the organization of patient care and the provision of primary pre-medical care</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-13 willingness to participate in the provision of medical care in emergency situations, including participation in medical evacuation</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease , способствующим сохранению и укреплению здоровья, профилактике заболеваний</p> <p>PC-19 ability to organize medical care in emergency situations, including medical evacuation</p>
Workload of course (credit/ hours)	4 credits (144 hours.)
Type of interim assessment	Test

Annotation of work program of course Preventive medicine

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-6 ability to use methods and means of physical culture to ensure full social and professional activity</p> <p>GPC-10 readiness to ensure the organization of patient care and the provision of primary pre-medical care</p> <p>PC-4 ability and willingness to use socio-hygienic methods of collecting and medico-statistical analysis of indicators of public health</p> <p>PC-7 willingness to conduct an examination of temporary disability, participate in a medical and social examination, and state biological death of a person</p> <p>PC-14 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease , способствующим сохранению и укреплению здоровья, профилактике заболеваний</p> <p>PC-17 ability to apply the basic principles of organization and management in the field of protecting the health of citizens in medical organizations and their structural divisions</p> <p>PC-18 willingness to participate in assessing</p>

	quality evaluation by using basic medical and statistical indicators
Workload of course (credit/ hours)	1 credits (36 hours.)
Type of interim assessment	Test

Annotation of work program of course Clinical immunology and allergology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems решения профессиональных задач</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-14 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Simulation Training in Patient Care

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>GPC-10 readiness to ensure the organization of patient care and the provision of primary pre-medical care</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-13 willingness to participate in the provision of medical care in emergency situations, including participation in medical evacuation</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease</p> <p>PC-19 ability to organize medical care in emergency situations, including medical evacuation</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Family medicine

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-3 ability and willingness to conduct anti-epidemic measures, organize the protection of the population in focus of infection, with the deterioration of the radiation situation, natural disasters and other emergencies</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-10 willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care</p> <p>PC-11 willingness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention</p>

	РС-12 готовностью к ведению физиологической беременности, приему родов
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Basics of healthy lifestyle

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security PC-16 readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle</p> <p>PC-17 ability to apply the basic principles of organization and management in the field of protecting the health of citizens in medical organizations and their structural divisions</p> <p>PC-18 willingness to participate in assessing quality evaluation by using basic medical and statistical indicators</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Physical education (additional course)

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-6 ability to use methods and means of physical culture to ensure full social and professional activity
Workload of course (credit/ hours)	0 credits (328 hours.)
Type of interim assessment	Test

Annotation of work program of course Pharmaceutical Chemistry

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional</p> <p>PC-22 willingness to participate in the introduction of new methods and techniques aimed at protecting the health of citizens</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Basic cardiolog

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional</p> <p>PC-22 willingness to participate in the introduction of new methods and techniques aimed at protecting the health of citizens</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Intensification of treatment in rheumatology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p> <p>PC-9 willingness to manage and treat patients with various nosological forms on an outpatient basis and in an inpatient setting</p> <p>PC-10 willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Actual problems of phlebology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p> <p>PC-9 willingness to manage and treat patients with various nosological forms on an outpatient basis and in an inpatient setting</p> <p>PC-10 willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Breast-feeding

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease , способствующим сохранению и укреплению здоровья, профилактике заболеваний</p> <p>PC-16 readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Emergency Neurology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease , способствующим сохранению и укреплению здоровья, профилактике заболеваний</p> <p>PC-16 readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Inflammatory diseases of the heart

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease , способствующим сохранению и укреплению здоровья, профилактике заболеваний</p> <p>PC-16 readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Techniques of Anatomy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Supravital anatomy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Medical chemistr

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional PC-21 ability to participate in scientific research
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course The chemical basis of life

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional PC-21 ability to participate in scientific research
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Philosophy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GCC-2 the ability to use the foundations of philosophical knowledge to shape a worldview
Workload of course (credit/ hours)	5 credits (180 hours.)
Type of interim assessment	Exam

Annotation of work program of course History

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-3 ability to analyse the main stages and patterns of the historical development of society for the formation of a civic position
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Russian language

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-3 ability to analyse the main stages and patterns of the historical development of society for the formation of a civic position
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Physical education

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-6 ability to use methods and means of physical culture to ensure full social and professional activity
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Health and safety

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-7 readiness to use first aid techniques, methods of protection in emergency situations
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course **Bioethics**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-4 ability to act in non-standard situations and to bear social and ethical responsibility for decisions</p> <p>GCC-8 readiness to work in the collective, tolerance of social, ethnic, confessional and cultural differences</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course History of Medicine

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-4 ability to act in non-standard situations and to bear social and ethical responsibility for decisions</p> <p>GCC-8 readiness to work in the collective, tolerance of social, ethnic, confessional and cultural differences</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Science of law

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-3 - the ability to use the basics of economic and legal knowledge in professional activities
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Science of law

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC -4 ability to act in non-standard situations and to bear social and ethical responsibility for decisions taken GPC-3 the ability to use the basics of economic and legal knowledge in professional activities
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Latin language

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -5 readiness for self-development, self-realization, self-education, use of creative potential</p> <p>GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Exam

Annotation of work program of course Psychology and pedagogics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GCC-8 readiness to work in the collective, tolerance of social, ethnic, confessional and cultural differences</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Mathematics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Medical computer science

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Medical computer science

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Chemistry

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Biochemistry

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Medical biology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Anatomy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems requirements of information security
Workload of course (credit/ hours)	10 credits (360 hours.)
Type of interim assessment	Exam

Annotation of work program of course Topographic Anatomy and Operative Surgery

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-11 readiness to ensure the organization of patient care and the provision of primary pre-medical care
Workload of course (credit/ hours)	5credits (180 hours.)
Type of interim assessment	Exam

Annotation of work program of course Histology, embryology, cytology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems requirements of information security
Workload of course (credit/ hours)	6 credits (216 hours.)
Type of interim assessment	Exam

Annotation of work program of course Nominal physiology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems requirements of information security
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Microbiology, virology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems requirements of information security
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Microbiology, virology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems requirements of information security
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Immunology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Pharmacology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-5 the ability and willingness to analyze the results of their own activities to prevent professional errors</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problem</p>
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Pathological anatomy, clinical pathological anatomy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p>
Workload of course (credit/ hours)	8 credits (258 hours.)
Type of interim assessment	Exam

Annotation of work program of course Pathophysiology, clinical pathophysiology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems
Workload of course (credit/ hours)	8 credits (258 hours.)
Type of interim assessment	Exam

Annotation of work program of course Hygienics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-4 ability and willingness to use socio-hygienic methods of collecting and medico-statistical analysis of indicators of public health</p>
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Public health and healthcare, health economics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-1 problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security</p> <p>GPC-5 the ability and willingness to analyze the results of their own activities to prevent professional errors</p> <p>PC-17 ability to apply the basic principles of organization and management in the field of protecting the health of citizens in medical organizations and their structural divisions</p> <p>PC-18 willingness to participate in assessing quality evaluation by using basic medical and statistical indicators</p>
Workload of course (credit/ hours)	6 credits (216 hours.)
Type of interim assessment	Exam

Annotation of work program of course Epidemiology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC-1 capacity for abstract thinking, analysis, synthesis PC-3 ability and willingness to conduct anti-epidemic measures, organize the protection of the population in focus of infection, with the deterioration of the radiation situation, natural disasters and other emergencies
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Medical rehabilitation

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-14 willingness to determine the need for the use of natural healing factors, drug, non-drug therapy and other methods in patients in need of medical rehabilitation and spa treatment</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Clinical Pharmacology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GPC-5 the ability and willingness to analyze the results of their own activities to prevent professional errors</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problems</p> <p>PC-21 ability to participate in scientific research</p> <p>PC-22 willingness to participate in the introduction of new methods and techniques aimed at protecting the health of citizens</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Dermatovenereology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Neurology, medical genetics, neurosurgery

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	6 credits (216 hours.)
Type of interim assessment	Exam

Annotation of work program of course Psychiatry, medical psychology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	5 credits (180 hours.)
Type of interim assessment	Exam

Annotation of work program of course Otolaryngology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-9 willingness to manage and treat</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course **Ophthalmology**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>GPC-9 ability to assess morphofunctional, physiological</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-9 willingness to manage and treat</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Forensic medicine

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>PC-7 willingness to conduct an examination of temporary disability, participate in a medical and social examination, and state biological death of a person</p> <p>PC-18 willingness to participate in assessing quality evaluation by using basic medical and statistical indicators</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course **Obstetrics & Gynaecology**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p> <p>PC-9 willingness to manage and treat</p> <p>PC-12 readiness for physiological pregnancy,</p>

	childbirth
Workload of course (credit/ haurs)	15 credits (548 hours.)
Type of interim assessment	Exam

Annotation of work program of course **Obstetrics & Gynaecology**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p> <p>PC-9 willingness to manage and treat</p> <p>PC-12 readiness for physiological pregnancy,</p>

	childbirth
Workload of course (credit/ hours)	15 credits (548 hours.)
Type of interim assessment	Exam

Annotation of work program of course **Pediatrics**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p> <p>PC-9 willingness to manage and treat</p> <p>PC-15 readiness to educate patients and their relatives on the basic hygiene measures of a</p>

	health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease
Workload of course (credit/ hours)	10 credits (360 hours.)
Type of interim assessment	Exam

Annotation of work program of course Propedeutics of internal diseases, radiation diagnosis

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p>
Workload of course (credit/ hours)	11 credits (396 hours.)
Type of interim assessment	Exam

Annotation of work program of course Faculty Therapy, Occupational Diseases

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>GPC-8 readiness for medical</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>

Workload of course (credit/ hours)	10 credits (360 hours.)
Type of interim assessment	Exam

Annotation of work program of course Hospital therapy, endocrinology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC-1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with</p>

	various nosological forms
Workload of course (credit/ hours)	14 credits (504 hours.)
Type of interim assessment	Exam

Annotation of work program of course **Emergency Medicine**

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-10 readiness to ensure the organization of patient care and the provision of primary pre-medical care</p> <p>PC-11 willingness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention</p> <p>PC-13 willingness to participate in the provision of medical care in emergency situations, including participation in medical evacuation</p> <p>PC-19 ability to organize medical care in emergency situations, including medical evacuation</p>
Workload of course (credit/ hours)	4 credits (144 hours.)
Type of interim assessment	Exam

Annotation of work program of course Bioorganic chemistry

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	GCC -1 capacity for abstract thinking, analysis, synthesis GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems PC-21 ability to participate in scientific research
Workload of course (credit/ hours)	4 credits (144 hours.)
Type of interim assessment	Exam

Annotation of work program of course Traumatology, orthopedics

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p>
Workload of course (credit/ hours)	6 credits (216 hours.)
Type of interim assessment	Exam

Annotation of work program of course Oncology, radiation therapy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-7 readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-10 willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care</p> <p>PC-20 readiness for analysis and public presentation of medical information based on evidence-based medicine</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course Stomatology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problems</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p>
Workload of course (credit/ hours)	2 credits (72 hours.)
Type of interim assessment	Test

Annotation of work program of course Hospital Surgery, Pediatric Surgery

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-9 ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-10 willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care</p>
Workload of course (credit/ hours)	10 credits (360 hours.)
Type of interim assessment	Exam

Annotation of work program of course Faculty Surgery, Urology

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problems</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Anesthesiology, resuscitation, intensive care

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problems</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-11 willingness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention</p>
Workload of course (credit/ hours)	3 credits (108 hours.)
Type of interim assessment	Test

Annotation of work program of course General surgery, radiation diagnosis

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-5 readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p>
Workload of course (credit/ hours)	7 credits (252 hours.)
Type of interim assessment	Exam

Annotation of work program of course Outpatient therapy

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-4 ability and willingness to implement ethical and deontological principles in professional activities</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-7 willingness to conduct an examination of temporary disability, participate in a medical and social examination, and state biological death of a person</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	11 credits (396 hours.)

Type of interim assessment	Exam
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Annotation of work program of course Phthisiatry

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-6 willingness to maintain medical documentation</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-2 ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p>
Workload of course (credit/ hours)	5 credits (180 hours.)
Type of interim assessment	Exam

Annotation of work program of course Infectious diseases

Degree / speciality	31.05.01 GENERAL MEDICINE
Professional direction (educational program specialization)	General Medicine
Level of the professional education	Speciality
Attendance	Intramural
The place of course in structure MPDP	This course refers to the part formed by participants in educational relations
Competencies that formed as a result of mastering the course	<p>GCC -1 capacity for abstract thinking, analysis, synthesis</p> <p>GPC-8 readiness for medical use of drugs and other substances and their combinations in solving professional problems</p> <p>GPC-11 readiness for the use of medical devices provided for by the medical care procedures</p> <p>PC-1 ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health</p> <p>PC-3 ability and willingness to conduct anti-epidemic measures, organize the protection of the population in focus of infection, with the deterioration of the radiation situation, natural disasters and other emergencies</p> <p>PC-6 ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision</p> <p>PC-8 ability to determine patient surveillance with various nosological forms</p>
Workload of course (credit/ hours)	9 credits (324 hours.)
Type of interim assessment	Exam