

Summary of the working program of the academic discipline

«NURSING IN THERAPY»

(name of the academic discipline)

General Educational Program of higher education (specialist's degree programs)

31.05.01 General Medicine

code, name of the specialty

Department: ENDOCRINOLOGY AND INTERNAL MEDICINE

1. The purpose of mastering the discipline (*participation in the formation of relevant competencies – specify the codes*): As a result of mastering the discipline program the graduate should form universal, general professional and professional competencies: UC - 1,4,5; GPC – 1,4; PC - 1,2,3,4, necessary to achieve labor functions in accordance with the Professional standard of General practitioner.

2. Position of the academic discipline in the structure of the General Educational Program (GEP).

2.1. The discipline «Nursing in therapy» refers to the core part (*or the part formed by the participants of educational relations*) of Block 1 of GEP HE (Academic discipline index).

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

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

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	UC 1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis UC 1.2 Able to: acquire new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for the information and solutions based on action, experiment and experience UC 1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	acquire new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for the information and solutions based on action, experiment and experience	researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems
2.	UC-4	Able to use modern communication technologies, including in a foreign language, for academic and professional cooperation	UC 4.1 Knows: the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies UC 4.2 Knows: express thoughts in Russian and foreign languages	the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business	express thoughts in Russian and foreign languages during business communication	writing texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language

			during business communication UC 4.3 Has practical experience: writing texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages	communication, modern means of information and communication technologies		into Russian; experience of speaking Russian and foreign languages
3.	UC-5	Able to analyze and take into account the diversity of cultures in the process of intercultural interaction	UC 5.1 Knows: the main categories of philosophy, the laws of historical development, the basics of intercultural communication; basic concepts of human interaction in the organization UC 5.2 Able to: present professional information competently, clearly in the process of intercultural interaction; respect ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional characteristics UC 5.3 Has practical experience: productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction	the main categories of philosophy, the laws of historical development, the basics of intercultural communication; basic concepts of human interaction in the organization	present professional information competently, clearly in the process of intercultural interaction; respect ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional characteristics	productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction
4.	GPC-1	Able to implement moral and legal rules, ethical and deontological principles in professional activities	GPC 1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice GPC 1.2 Able to: apply ethical norms and principles of behavior of a medical worker in the professional duties; has knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives) GPC 1.3 Has practical experience: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice	basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	apply ethical norms and principles of behavior of a medical worker in the professional duties; has knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice
5.	GPC-4	Able to use medical equipment prescribed by the order of medical care as well as conduct examination of the patient in order to establish a	GPC 4.1 Knows: the methodology for collecting anamnesis of life and diseases, complaints of patients (their legal representatives); method of inspection and physical examination; clinical presentation, diagnostic methods of the most common diseases; methods of laboratory and instrumental investigation for assessing the state	the methodology for collecting anamnesis of life and diseases, complaints of patients (their legal representatives); method of inspection and physical	collect complaints, anamnesis of life and disease from patients (their legal representatives), identify risk factors and causes of diseases; apply methods of inspection and physical	collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of diseases; inspection and

		<p>diagnosis</p>	<p>of health, medical indications for investigation, rules for interpreting their results; conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical care, according to the standards of medical care, clinical recommendations (treatment protocols) GPC 4.2 Able to: collect complaints, anamnesis of life and disease from patients (their legal representatives), identify risk factors and causes of diseases; apply methods of inspection and physical examination of patients; interpret the results of the inspection and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a preliminary diagnosis, make a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, according to the standards of medical care; refer patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, according to the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, according to the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current procedures for the provision of medical care, according to the standards of medical care, clinical recommendations (treatment protocols) GPC 4.3 Has practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of diseases;</p>	<p>examination; clinical presentation, diagnostic methods of the most common diseases; methods of laboratory and instrumental investigation for assessing the state of health, medical indications for investigation, rules for interpreting their results; conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical care, according to the standards of medical care, clinical recommendations (treatment protocols)</p>	<p>examination of patients; interpret the results of the inspection and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a preliminary diagnosis, make a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, according to the standards of medical care; refer patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, according to the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, according to the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify</p>	<p>physical examination of patients; diagnosis of the most common diseases; identification of risk factors for cancers; formulating a preliminary diagnosis, make a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, according to the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems; carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of</p>
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			inspection and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for cancers; formulating a preliminary diagnosis, make a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, according to the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems; carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical care according to the standards of medical care, clinical recommendations (treatment protocols)		clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current procedures for the provision of medical care, according to the standards of medical care, clinical recommendations (treatment protocols) on the provision of medical care	medical care according to the standards of medical care, clinical recommendations (treatment protocols)
6.	PC-1	Able to assess the condition of a patient requiring emergency or emergency medical care	PC 1 1. Knows: Criteria for assessing the clinical condition of a patient requiring emergency or urgent medical care PC 1 2. Able to: assess the clinical condition of a patient requiring emergency medical care adequately PC 1 3. Has practical experience: assessing the clinical condition of a patient requiring emergency or urgent medical care	Criteria for assessing the clinical condition of a patient requiring emergency or urgent medical care	assess the clinical condition of a patient requiring emergency medical care adequately	assessing the clinical condition of a patient requiring emergency or urgent medical care
7.	PC-2	Able to recognize conditions occur in sudden acute illnesses, during exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, to recognize life-threatening conditions, including conditions of	PC 2 1. Knows: Clinical manifestations of emergency conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring medical care in an emergency form, recognize conditions that threaten the patient's life, including conditions of clinical death (stop vital important functions of the human body (blood circulation and / or respiration), requiring emergency medical care PC 2 2. Able to: recognize the clinical manifestations of emergency conditions arising from sudden acute illnesses,	Clinical manifestations of emergency conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring medical care in an emergency form, recognize conditions that threaten the patient's life, including	recognize the clinical manifestations of emergency conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, recognize conditions that threaten the patient's life,	recognizing the clinical manifestations of emergency conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, recognizing conditions that threaten the patient's life,

		clinical death (stopping the vital functions of the human body (blood circulation and/or respiration) requiring emergency medical care	exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, recognize conditions that threaten the patient's life, including conditions of clinical death IPC 2 3. Has practical experience: recognizing the clinical manifestations of emergency conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, recognizing conditions that threaten the patient's life, including conditions of clinical death	conditions of clinical death (stop vital important functions of the human body (blood circulation and / or respiration), requiring emergency medical care	including conditions of clinical death	including conditions of clinical death
8.	PC-3	Able to provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, to provide emergency medical care to patients in life-threatening conditions, including clinical death (stopping vital functions of the human body (blood circulation and/or respiration)	PC 3 1. Knows: Algorithm for providing medical care in emergency and urgent forms in case of acute and urgent diseases, conditions, exacerbation chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration) PC 3 2. Able to: provide medical care in emergency and emergency forms in case of acute diseases, conditions, exacerbation chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration) PC 3 3. Has practical experience: providing of medical care in emergency and urgent forms in case of acute diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)	Algorithm for providing medical care in emergency and urgent forms in case of acute and urgent diseases, conditions, exacerbation chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)	provide medical care in emergency and emergency forms in case of acute diseases, conditions, exacerbation chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)	providing of medical care in emergency and urgent forms in case of acute diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life; provide emergency medical care to patients in conditions that threaten to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)
9.	PC-4	Able to use medications and medical devices to provide medical care in emergency or urgent forms	PC 4 1. Knows: The algorithm for providing medical care and the use of medicines and medical devices in emergency and urgent forms of acute and urgent diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or	The algorithm for providing medical care and the use of medicines and medical devices in emergency and urgent forms of acute and urgent	provide medical care and apply medicines and medical devices in emergency forms in case of acute diseases,	providing of medical care and the use of medicines and medical devices in emergency and urgent forms in case of acute

		without obvious signs of a threat to the patient's life PC 4 2 Able to: provide medical care and apply medicines and medical devices in emergency and emergency forms in case of acute diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life IPC 4 3. Has practical experience: providing of medical care and the use of medicines and medical devices in emergency and urgent forms in case of acute diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life	diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life	conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life	diseases, conditions, exacerbation of chronic diseases that threaten to the life of the patient or without obvious signs of a threat to the patient's life
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4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 1,72 CU (62 AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters
	volume in credit units (CU)	volume in academic hours (AH)	
			3
Classroom work, including	1,05	38	38
Lectures (L)	0,22	8	8
Laboratory practicum (LP)*	-	-	-
Practicals (P)	0,83	30	30
Seminars (S)	-	-	-
Student's individual work (SIW)		24	24
Mid-term assessment			
credit/exam (<i>specify the type</i>)			
TOTAL LABOR INTENSITY	1,72	62	62

5. Sections of the academic discipline and competencies that are formed

№	Competence code	Section name of the discipline
1.	UC - 1,4,5; GPC – 1,4.	Introduction to the subject "Nursing in therapy"
2.	UC - 1,4,5; GPC – 1,4; PC - 1,2.	Methods of nursing clinical examination of the patient. The importance of interviewing the patient. The value of physical methods of examination. The value of laboratory and instrumental methods in the diagnosis of internal pathology.
3.	UC - 1,4,5; GPC – 1,4; PC - 1,2.	Principles of diagnosis, prevention, treatment and nursing care for diseases of internal organs. Methods and rules for the use of medical substances.
4.	UC - 1,4,5; GPC – 1,4; PC - 1,2,3,4	Emergency conditions in nursing therapeutic practice. Emergency care and use of medications.