#### Summary of the working program of the academic discipline

#### « ISSUES OF SPECIFIC PROPAEDEUTICS » (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 DISEASES

**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 have formed universal, general professional and professional competencies: UC - 1,4,5; GPC - 1, 4, 5.10; PC - 5, 6, 7, necessary to achieve labor functions in according to the Professional Standard General practitioner (district general practitioner).

### Universal competencies:

Systems and critical thinking (category)

UK-1 Be able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy

Communication.

UK-4 Be able to use modern communication technologies, including in a foreign language, for academic and professional interaction

Intercultural interaction

UK-5 Be able to analyze and take into account the diversity of cultures in the process of intercultural interaction

#### General professional competencies:

Ethical and legal foundations of professional activity.

GPC-1 Be able to implement moral and legal norms, ethical and deontological principles in professional activities

Diagnostic instrumental examination methods

GPC-4 Be able to use medical devices prescribed by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis

Etiology and pathogenesis

GPC-5 Be able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems

Information literacy

GPC-10 Be able to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security

## **Professional:**

Patient examination to establish a diagnosis (labor function).

PC-5 Be able to elicit complaints, take a history of the patient's life and illness, conduct a complete physical examination of the patient (inspection, palpation, percussion, auscultation), formulate an initial diagnosis and draw up a plan for laboratory and instrumental investigations.

PC-6 Be able to refer a patient for a laboratory, instrumental investigations, for a specialist doctor consultation in the presence of medical indications in according to the current procedures for the provision of medical care, on the provision of medical care, taking into account the standards of medical care, as well as refer the patient for specialized medical care assistance in inpatient conditions or in a day hospital if there are medical indications in according

to the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, considering the standards of medical care

PC-7 Be able to make a differential diagnosis with other diseases/conditions, including emergencies, to establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD).

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

**2.1.** The discipline «Issues of specific propaedeutics» refers to the core part of Block 1 of GEP HE disciplines (modules), variable part, optional discipline **B1.DV.O.1** 

# 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

| N₀ | Competence | -  | Code and name of the  | As a result  | of mastering the students should  |  |
|----|------------|--|---|--|---|--|
|    | code       |  | competence acquisition<br>metric  | know   | be able to  | possess  |
| 1. | UC-1       | Be able to carry out a<br>critical analysis of<br>problem situations<br>based on a systematic<br>approach, develop an<br>action strategy         | IUC 1.1 Know:<br>methods of critical<br>analysis and evaluation<br>of modern scientific<br>achievements; basic<br>principles of critical<br>analysis<br>IUC 1.2 Be able to:<br>acquire new knowledge<br>based on analysis,<br>synthesis, etc.; collect<br>data on the presence of<br>problems manifested in<br>professional areas;<br>development of search<br>for information and<br>solutions based on<br>actions, experiment and<br>experience<br>IUC 1.3 Have practical<br>experience: researching<br>the problems of<br>professional activity<br>using analysis,<br>synthesis and other<br>methods of intellectual<br>activity; development of<br>an action strategy for<br>solving professional<br>problems | methods of<br>critical<br>analysis and<br>evaluation of<br>modern<br>scientific<br>achievements<br>; basic<br>principles of<br>critical<br>analysis                              | obtain new<br>knowledge<br>based on<br>analysis,<br>synthesis,<br>etc.; collect<br>data on<br>complex<br>scientific<br>problems<br>related to the<br>professional<br>field; search<br>for<br>information<br>and solutions<br>based on<br>action,<br>experiment<br>and<br>experience | research of the<br>problem of<br>professional<br>activity using<br>analysis,<br>synthesis and<br>other methods<br>of intellectual<br>activity;<br>developing an<br>action strategy<br>to solve the<br>professional<br>problems |
| 2. | UC-4       | Be able to apply<br>modern communication<br>technologies, including<br>in a foreign language(s),<br>for academic and<br>professional interaction | IUC 4.1 Know: the<br>basics of oral and<br>written communication<br>in Russian and foreign<br>languages, functional<br>styles of the native<br>language, requirements<br>for business<br>communication, modern<br>means of information<br>and communication<br>technologies   | basics of oral<br>and written<br>communicati<br>on in Russian<br>and foreign<br>languages,<br>functional<br>styles of the<br>native<br>language,<br>requirements<br>for business | express your<br>thoughts in<br>Russian and<br>foreign<br>languages in<br>business<br>communicati<br>on  | skills in<br>compiling texts<br>in Russian and<br>foreign<br>languages<br>related to<br>professional<br>activities;<br>experience in<br>translating<br>medical texts<br>from a foreign   |

|    |       |   | IUC 4.2 Know how to:                              | communicati            |                        | language into               |
|----|-------|---|---|------------------------|------------------------|-----------------------------|
|    |       |   | express their thoughts in                         | on, modern             |                        | Russian;                    |
|    |       |   | Russian and foreign                               | means of               |                        | experience of               |
|    |       |   | languages in business                             | information            |                        | speaking                    |
|    |       |   | communication                                     | and                    |                        | Russian and                 |
|    |       |   | IUC 4.3 Have practical                            | communicati            |                        | foreign                     |
|    |       |   | experience in:<br>compiling texts in              | on<br>technologies     |                        | languages                   |
|    |       |   | Russian and foreign                               | teennologies           |                        |                             |
|    |       |   | languages related to                              |                        |                        |                             |
|    |       |   | professional activities;                          |                        |                        |                             |
|    |       |   | experience in                                     |                        |                        |                             |
|    |       |   | translating medical texts                         |                        |                        |                             |
|    |       |   | from a foreign language                           |                        |                        |                             |
|    |       |   | into Russian;<br>experience of speaking           |                        |                        |                             |
|    |       |   | Russian and foreign                               |                        |                        |                             |
|    |       |   | languages   |                        |                        |                             |
| 3. | UC-5  | Be able to analyze and                  | IUC5.1 Know: the main                             | the main               | competently,           | skills of                   |
|    |       | take into account the                   | categories of                                     | categories of          | accessible to          | productive                  |
|    |       | diversity of cultures in                | philosophy, the laws of                           | philosophy,            | express                | interaction in a            |
|    |       | the process of                          | historical development,                           | the laws of            | professional           | professional                |
|    |       | intercultural interaction               | the basics of intercultural                       | historical             | information in the     | environment,<br>taking into |
| 1  |       |   | communication; basic                              | development,<br>the    | process of             | account                     |
|    |       |   | concepts of human                                 | foundations            | intercultural          | national, ethno-            |
|    |       |   | interaction in an                                 | of                     | interaction;           | cultural,                   |
|    |       |   | organization                                      | intercultural          | observe                | confessional                |
|    |       |   | IUC5.2 Know how to:                               | communicati            | ethical                | characteristics;            |
|    |       |   | competently, clearly<br>present professional      | on; basic concepts of  | standards<br>and human | overcoming communicative,   |
|    |       |   | information in the                                | human                  | rights;                | educational,                |
|    |       |   | process of intercultural                          | interaction in         | analyze the            | ethnic,                     |
|    |       |   | interaction; observe                              | an                     | features of            | confessional                |
|    |       |   | ethical standards and                             | organization           | social                 | and other                   |
|    |       |   | human rights; analyze                             |                        | interaction,           | barriers in the             |
|    |       |   | the features of social                            |                        | taking into<br>account | process of intercultural    |
|    |       |   | interaction, taking into account national, ethno- |                        | national,              | interaction                 |
|    |       |   | cultural, confessional                            |                        | ethno-                 | monuetion                   |
|    |       |   | characteristics                                   |                        | cultural,              |                             |
|    |       |   | IUC 5.3 Have practical                            |                        | confessional           |                             |
|    |       |   | experience: productive                            |                        | characteristic         |                             |
|    |       |   | interaction in a professional                     |                        | S                      |                             |
|    |       |   | environment, taking                               |                        |                        |                             |
|    |       |   | into account national,                            |                        |                        |                             |
|    |       |   | ethno-cultural,                                   |                        |                        |                             |
|    |       |   | confessional                                      |                        |                        |                             |
|    |       |   | characteristics;                                  |                        |                        |                             |
|    |       |   | overcoming  |                        |                        |                             |
|    |       |   | communicative,<br>educational, ethnic,            |                        |                        |                             |
|    |       |   | confessional and other                            |                        |                        |                             |
|    |       |   | barriers in the process                           |                        |                        |                             |
|    |       |   | of intercultural                                  |                        |                        |                             |
|    |       |   | interaction                                       |                        |                        |                             |
| 4. | GPC-1 | Be able to implement                    | IGPC 1.1 Know: basics                             | foundations            | apply ethical          | practical                   |
|    |       | moral and legal norms,                  | of medical ethics and                             | of medical             | standards              | experience:                 |
|    |       | ethical and<br>deontological principles | deontology;<br>fundamentals of                    | ethics and deontology; | and principles of      | solving<br>standard         |
|    |       | in professional activities              | legislation in the field                          | fundamentals           | behavior of a          | problems of                 |
|    |       | 1                                       | of healthcare; legal                              | of legislation         | medical                | professional                |
|    | •     | •                                       |   |                        | •                      | . –                         |

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|----|-------|--|---|---|---|---|
|    |       |  | aspects of medical<br>practice<br>IGPC 1.2 Be able to:<br>apply ethical norms and<br>principles of behavior<br>of a medical worker in<br>the performance of their<br>professional duties;<br>knowledge of modern<br>legislation in the field<br>of healthcare in solving<br>problems of<br>professional activity;<br>apply the rules and<br>norms of interaction<br>between a doctor and<br>colleagues and patients<br>(their legal<br>representatives)<br>IGPC 1.3 Have<br>practical experience:<br>solving standard<br>problems of<br>professional activity<br>based on ethical norms<br>and deontological<br>principles when<br>interacting with<br>colleagues and patients<br>(their legal<br>representatives),<br>knowledge of the legal<br>aspects of medical | in the field of<br>healthcare;<br>legal aspects<br>of medical<br>practice   | worker in the<br>performance<br>of their<br>professional<br>duties;<br>knowledge<br>of modern<br>legislation in<br>the field of<br>healthcare in<br>solving<br>problems of<br>professional<br>activity;<br>apply the<br>rules and<br>norms of<br>interaction<br>between a<br>doctor and<br>colleagues<br>and patients<br>(their legal<br>representativ<br>es)   | activity based<br>on ethical<br>norms and<br>deontological<br>principles when<br>interacting with<br>colleagues and<br>patients (their<br>legal<br>representatives)<br>, knowledge of<br>the legal aspects<br>of medical<br>practice  |
| 5. | GPC-4 | Be able to use medical<br>devices provided for by<br>the order of medical<br>care, as well as conduct<br>examinations of the<br>patient in order to<br>establish a diagnosis | practice<br>IGPC 4.1 Know the<br>methodology for taking<br>a history of life and<br>diseases, complaints of<br>patients (their legal<br>representatives);<br>method of inspection<br>and physical<br>examination; clinical<br>presentation, diagnostic<br>methods of the most<br>common diseases;<br>methods of laboratory<br>and instrumental studies<br>for assessing the state of<br>health, medical<br>indications for<br>conducting studies,<br>rules for interpreting<br>their results;<br>international statistical<br>classification of<br>diseases and related<br>health problems (ICD);<br>conditions requiring<br>emergency medical<br>care; the procedure for<br>the use of medical<br>devices in according to  | the<br>methodology<br>for taking a<br>history of life<br>and diseases,<br>patient<br>complaints<br>(their legal<br>representativ<br>es); methods<br>of inspection<br>and physical<br>examination;<br>clinical<br>presentation,<br>diagnostic<br>methods for<br>the most<br>common<br>diseases;<br>methods of<br>laboratory<br>and<br>instrumental<br>studies for<br>assessing the<br>state of<br>health,<br>medical | elicit<br>complaints,<br>taking a<br>history of life<br>and disease<br>in patients<br>(their legal<br>representativ<br>es), identify<br>risk factors<br>and causes of<br>the<br>development<br>of diseases;<br>apply<br>methods of<br>inspection<br>and physical<br>examination<br>of patients;<br>interpret the<br>results of the<br>inspection<br>and physical<br>examination<br>of patients;<br>diagnose the<br>most<br>common | eliciting<br>complaints,<br>taking a history<br>of life and<br>disease of<br>patients (their<br>legal<br>representatives)<br>, identifying<br>risk factors and<br>causes of the<br>development of<br>diseases;<br>inspection and<br>physical<br>examination of<br>patients;<br>diagnosis of the<br>most common<br>diseases;<br>identification of<br>risk factors for<br>major cancers;<br>formulating a<br>preliminary<br>diagnosis,<br>drawing up a<br>plan for<br>instrumental, |

|   |  | the current procedures     | indications    | pathology in   | laboratory,       |
|---|--|----------------------------|----------------|----------------|-------------------|
|   |  | for the provision of       | for            | patients;      | additional        |
|   |  | medical, clinical          | conducting     | identify risk  | studies,          |
|   |  | guidelines (treatment      | studies, rules | factors for    | consultations     |
|   |  | protocols) on the          | for            | cancer;        | with specialist   |
|   |  | provision of medical       | interpreting   | formulate a    | doctors; referral |
|   |  | care, care, taking into    | their results; | preliminary    | of patients for   |
|   |  | account the standards of   | international  | diagnosis,     | instrumental,     |
|   |  | medical care               | statistical    | draw up a      | laboratory,       |
|   |  | IGPC 4.2 Be able to:       | classification | plan for       | additional        |
|   |  | elicit complaints, take a  | of diseases    | conducting     | studies,          |
|   |  |                            |                |                |                   |
|   |  | history of life and        | and related    | laboratory,    | consultations of  |
|   |  | disease of patient (their  | health         | instrumental   | medical           |
|   |  | legal representatives),    | problems       | and            | specialists in    |
|   |  | identify risk factors and  | (ICD);         | additional     | according to the  |
|   |  | causes of diseases;        | conditions     | studies in     | current           |
|   |  | apply methods of           | requiring      | patients in    | procedures for    |
|   |  | inspection and physical    | emergency      | according to   | the provision of  |
|   |  | examination of patients;   | medical care;  | the            | medical care,     |
|   |  | interpret the results of   | the            | procedures     | clinical          |
|   |  | the inspection and         | procedure for  | for providing  | guidelines,       |
|   |  | physical examination of    | the use of     | medical care,  | taking into       |
|   |  | patients; diagnose the     | medical        | clinical       | account the       |
|   |  | most common                | devices in     | guidelines,    | standards of      |
|   |  | pathology in patients;     | according to   | taking into    | medical care;     |
|   |  | identify risk factors for  | the current    | account the    | interpretation of |
|   |  | -                          |                |                |                   |
|   |  | cancer; formulate an       | procedures     | standards of   | data from         |
|   |  | initial diagnosis, draw    | for the        | medical care;  | additional        |
|   |  | up a plan for conducting   | provision of   | refer patients | (laboratory and   |
|   |  | laboratory, instrumental   | medical,       | for            | instrumental)     |
|   |  | and additional studies in  | clinical       | laboratory,    | examinations of   |
|   |  | patients in according to   | guidelines     | instrumental   | patients;         |
|   |  | the procedures for         | (treatment     | and            | making a          |
|   |  | providing medical care,    | protocols) on  | additional     | preliminary       |
|   |  | clinical guidelines,       | the provision  | studies in     | diagnosis in      |
|   |  | taking into account the    | of medical     | according to   | according to the  |
|   |  | standards of medical       | care, care,    | the current    | international     |
|   |  | care; refer patients for   | taking into    | procedures     | statistical       |
|   |  | laboratory, instrumental   | account the    | for the        | classification of |
|   |  | and additional studies in  | standards of   | provision of   | diseases and      |
|   |  | according to the current   | medical care   | medical care,  | related health    |
|   |  | procedures for the         | montai care    | clinical       | problems          |
|   |  | provision of medical       |                |                | (ICD); carrying   |
|   |  |                            |                | guidelines,    | out differential  |
|   |  | care, clinical guidelines, |                | taking into    |                   |
|   |  | taking into account the    |                | account the    | diagnostics of    |
|   |  | standards of medical       |                | standards of   | diseases;         |
|   |  | care; refer patients for   |                | medical care;  | recognition of    |
|   |  | consultations to           |                | refer patients | conditions        |
|   |  | specialist doctors in      |                | for            | arising from      |
|   |  | according to the           |                | consultations  | sudden acute      |
|   |  | procedures for             |                | to specialist  | diseases,         |
|   |  | providing medical care,    |                | doctors in     | exacerbation of   |
|   |  | clinical guidelines,       |                | according to   | chronic diseases  |
|   |  | taking into account the    |                | the            | without obvious   |
|   |  | standards of medical       |                | procedures     | signs of a threat |
|   |  | care; interpret and        |                | for providing  | to the patient's  |
|   |  | analyze the results of     |                | medical care,  | life and          |
|   |  | consultations with         |                | clinical       | requiring         |
|   |  | patients' specialists;     |                | guidelines,    | emergency         |
| 1 |  | interpret and analyze      |                | -              | medical care;     |
|   |  | the results of basic       |                | taking into    | the use of        |
|   |  |                            |                | account the    |                   |
|   |  | (clinical) and additional  |                | standards of   | medical devices   |
| L |  | (laboratory,               |                | medical care;  | in according to   |

| instrumenta) interpret and the current examination methods; to carry out differential cuestion of diagnostics of diseases constructions of example of the provision of medical, signs of sudden analyze the constructions of constructions of example of the provision of medical current diseases, and the provision of medical current methods; to proceedures for the current methods; to proceedures for the current diseases, and the provision of medical current methods; to proceedures for the current diseases, and the provision of medical current methods; to current diseases, and the provision of medical current methods; to proceedures for the current diseases, and the provision of medical, current diseases, and the provision of medical, current diseases, and the subardory, additional the provision of medical, current diseases, and the subardory, diseases, and the subardory diseases, and the subardor of diseases, and the analyze the provision of medical curre, a current disease, accurations of the and the association of the subardor of  |   |  |                                       | <br>           | -                |
|---|---|--|---------------------------------------|----------------|------------------|
| Image: stand set of control of the provision of medical direct of the provision of medical direct   |   |  | instrumental)                         | interpret and  | the current      |
| diagnostics of discusses consultations   in pratents; identify with pratents;   clinical signs of sudden specialists;   accure diseases, interpret and   conditions, analyze the   of a threat to life, auditional   requiring emergency (laboratory, account the   medical derices in account the   account protocols) on of discases in   provision of medical, differential   clinical grid/clines digenosities   clinical grid/clines digenosities   clinical grid/clines digenosities   concount the standards of clinical signs   collecting completins, collecting completins,   collecting completins, collecting completins,   collecting completins, collecting completins,   collecting completins, collecting completing,   collecting completing, diseases of   disease of patients (their softwoat   disease of patients (their softwoat   disease of patients (heir) discases in   disease (leattriftication medica  |   |  |                                       | •              | 1                |
| in praticuts; identify with patients'   cinical signs of sudden specialists;   acute diseases, interpret and   conditions, analysist   exacerbations of results of   chronic diseases basistance   without obvious signs celinical and,   of a threat to life, additional   requiring emergency (laboratory,   medical care; apply instrumental   according to the current methods to   provision of medical, differential   clinical guidelines (laboratory,   according to the current methods to   provision of medical, differential   clinical guidelines (laborator,   according to the current methods, to   provision of medical, differential   clinical guidelines (laborator,   according to the current methods, to   provision of medical, differential   clinical acre, (laborator,   account the standards of (laborator,   account the standards experinece in: (laborator,   <  |   |  |                                       |                | -                |
| a chincal signs of sudden specialists: inderived and subtor   a a conditions. inderived and subtor incutment   a chonic diseases basic medical care,   a a ditional and additional taking into   a a diteration file, additional taking into   a a diteration file, additional taking into   a a diteration file, care and additional   a a diteration file, additional taking into   a account the current medical care account the standards of   provision of medical, cilinical gints care, care, care, faing into accute   a account the standards of cilinical signs collecting complaints, conditions,   a additional care, care, care, faing into accute accute   a additional care, care, care, faing into accute accute   a additional care, care, care, faing into care, care, care, faing into <td></td> <td></td> <td>0</td> <td></td> <td></td>  |   |  | 0                                     |                |                  |
| acute diseases,   interpret and   protocols) on     exacerbations of   results of   heroxision of     exacerbations of   results of   nedical care,     without obvious signs   (clinical) and   taking into     of a threat to life.   additional   taking into     medical derives in   exacording to the current   methods to     provision of medical   differential   differential     chrinal guidelines   differential   differential     chrinal guidelines   diggrostics   differential     chrinal guidelines   diggrostics   diseases in     care, care, taking into   diseases   diseases     collecting complaints,   conditions,   conditions,     collecting complaints,   collecting   diseases     dentrify sid   acanos of fileand <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>  |   |  |                                       |                |                  |
| analyze the protocols) on decided exacerbations of chronic diseases without obvious signs of a basic without obvious signs of a difficult and additional racing emergency (aboratory, additional examination of a threat to life, additional examination of a threat to life, additional examination of a diseases in medical devices in accounting to the current methods; to current provision of medical, differential differential differential guidelines (treatment protocols) on of diseases in proceedings of the current diseases in proceeding and the provision of medical, differential chrinical guidelines (treatment protocols) on of diseases in medical care, care, taing into account the standards of clinical signal medical experience in: collecting complaints, conditions, anamenesis of diseases; obvious and causes of patients (their diseases, identify if grisk factors without additional disease of patients (their diseases, identifying risk factors without additional diseases for the provision of medical care; or a diseases; obvious and causes of diseases; obvious and causes of diseases; obvious a diseases in physical examination and signs of a threat to life, identifying risk factors without additional diseases for the provision of medical care; obvious additional apply cancers; formaliting a medical care; obvious attained, cancers; formaliting a medical care; obvious attaines, consultations for the current here attained in the provision of medical care; obvious attaines, consultations for the current here attained in the attained of medical devices in medical devices in additional the current here attained a disease; provision of medical care; additional apply in attained additional care; additional care, care  |   |  |                                       |                | guidelines       |
| a   crastics of<br>chronic diseases<br>without obvious signs<br>of a threat to life.   requiring remrgency<br>(clinical) and<br>additional<br>according to the current<br>procedures for the<br>provision of medical,<br>clinical guidelines,<br>(linical guidelines,<br>clinical guidelines,<br>clinical guidelines,<br>clinical guidelines,<br>clinical guidelines,<br>(licital guidelines,<br>clinical guidelines,<br>collecting complaints,<br>collecting complaints,<br>col  |   |  | · · · · · · · · · · · · · · · · · · · |                | •                |
| chronic diseases<br>without obvious signs<br>of a threat to life.<br>requiring emergency<br>instrumental<br>requiring emergency<br>instrumental<br>according to the current<br>medical devices in<br>according to the current<br>medical devices in<br>according to the current<br>medical guidelines<br>(treatment protocols) on<br>the provision of medical,<br>clinical guidelines<br>(treatment protocols) on<br>the provision of medical<br>clinical experience in:<br>clinical experience in:<br>clinical experience in:<br>clinical experience in:<br>clinical experience in:<br>clinical experience in:<br>clinical experience in:<br>clical experience in:<br>cli |   |  |                                       | analyze the    | protocols) on    |
| without obvious signs (clinical) and<br>asistance   of a threat to liftle; (dibonal<br>(dibonalor);   medical care; apply instrumental<br>according to the current   medical devices in<br>according to the current methods; to   provedures for the<br>provision of medical, differential<br>differential   clinical guidelines diagnostics   (Inclument protocols) on of diseases in<br>dentify   account the standards of<br>the provision of medical, clinical guidelines   care, care, taking into identify   account the standards of<br>the provision of medical clinical signs   medical care of sudden   account the standards of<br>the provision of medical clinical signs   care, care, taking into clinical signs   account the standards of<br>the provision of medical care   collecting complaints,<br>collecting complaints,<br>collecting complaints,<br>collecting complaints,<br>collecting complaints,<br>discases; dentifying risk factors without   additional signs of a<br>physical examination of<br>the most common mergency<br>encres; formulating a<br>medical dare;<br>discases; dentification   adviews, diditional provision of<br>medical<br>drawing up a plan for<br>according the current<br>haboratory, additional provision of<br>medical<br>provision of<br>medical,<br>drawing up a plan for<br>according the current<br>provision of<br>medical,<br>diadicines; the current<br>provision of<br>medical,<br>diadicines; the current<br>provision of<br>medical,<br>drawing up a plan for<br>according t  |   |  | exacerbations of                      | results of     | the provision of |
| additional   taking into     requiring emergency   (aboratory,<br>medical care; apply   instrumental)     medical devices in   examination     according to the current   methods; to     provision of medical,<br>clinical guidelines   diagnostics     (treatment protocols) on   of diseases in     the provision of medical,<br>clinical guidelines   diagnostics     (treatment protocols) on   of diseases in     medical care   of studen     acture, care, taking into   acture     acture, care, taking into   acture     action of medical,<br>care, care, taking into   acture     acture   of studen     iGPC 4.3 Have   acture     collecting complaints,<br>anamesis of life and   exacerbation     disease of patients (their   s of chronic     identifying risk factors   without     and causes of diseases;   obvious     acconding to   medical,<br>care; formulating a     preliminary diagnosis of   theurent     preliminary diagnosis of   theurent     adrawing up a plan for   according to<br>according to patients; diagnosis of     instrumental,   theurment <td></td> <td></td> <td>chronic diseases</td> <td>basic</td> <td>medical care,</td>  |   |  | chronic diseases                      | basic          | medical care,    |
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| medical specialists in<br>according to the current<br>procedures for the<br>provision of medical<br>care, care,<br>care, clinical<br>recommendations,<br>taking into<br>account the<br>standards of<br>medical care<br>care; interpretation of<br>data from additional<br>(laboratory and<br>instrumental)<br>examinations ofprotocols) on<br>the provision<br>of medical<br>care, care,<br>taking into<br>medical care   | 1 |  |                                       | -              |                  |
| according to the current<br>procedures for the<br>provision of medical<br>care, care,<br>care, clinicalthe provision<br>of medical<br>care, care,<br>taking into<br>account the<br>standards of<br>medical<br>care<br>istandards of medical<br>care; interpretation of<br>data from additional<br>(laboratory and<br>instrumental)<br>examinations ofthe provision  | 1 |  | ·                                     |                |                  |
| procedures for the<br>provision of medical<br>care, care,<br>care, clinicalof medical<br>care, care,<br>taking into<br>account the<br>standards of<br>medical<br>care; interpretation of<br>data from additional<br>(laboratory and<br>instrumental)<br>examinations ofof medical<br>care, care,<br>taking into<br>account the<br>standards of<br>medical care  | 1 |  | <u> </u>                              | <b>1</b> '     |                  |
| Image: constraint of the standards of the  | 1 |  |                                       |                |                  |
| care, clinicaltaking intorecommendations,account thetaking into account thestandards ofstandards of medicalmedical carecare; interpretation ofdata from additional(laboratory andinstrumental)examinations ofunder the standards of   | 1 |  |                                       |                |                  |
| Image: standards of taking into account the standards of taking into account the standards of medical caremedical careImage: standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations ofmedical care  | 1 |  |                                       |                |                  |
| taking into account the<br>standards of medical<br>care; interpretation of<br>data from additional<br>(laboratory and<br>instrumental)<br>examinations ofstandards of<br>medical care   | 1 |  |                                       |                |                  |
| standards of medical   medical care     care; interpretation of   data from additional     (laboratory and   instrumental)     examinations of   understand   | 1 |  |                                       |                |                  |
| care; interpretation of<br>data from additional<br>(laboratory and<br>instrumental)<br>examinations of  | 1 |  |                                       |                |                  |
| data from additional   (laboratory and   instrumental)   examinations of  | 1 |  |                                       | medical care   |                  |
| (laboratory and<br>instrumental)<br>examinations of   | 1 |  |                                       |                |                  |
| instrumental)<br>examinations of  | 1 |  |                                       |                |                  |
| examinations of   | 1 |  |                                       |                |                  |
|   | 1 |  | ·                                     |                |                  |
| patients; making a  | 1 |  |                                       |                |                  |
|   |   |  | patients; making a                    |                |                  |

| r  |        |                                 | preliminary diagnosis in                      |                         |                           |                             |
|----|--------|---------------------------------|---|-------------------------|---------------------------|-----------------------------|
|    |        |                                 | according to the                              |                         |                           |                             |
|    |        |                                 | international statistical                     |                         |                           |                             |
|    |        |                                 | classification of                             |                         |                           |                             |
|    |        |                                 | diseases and related                          |                         |                           |                             |
|    |        |                                 | health problems (ICD);                        |                         |                           |                             |
|    |        |                                 | carrying out differential                     |                         |                           |                             |
|    |        |                                 | diagnostics of diseases;                      |                         |                           |                             |
|    |        |                                 | recognition of                                |                         |                           |                             |
|    |        |                                 | conditions arising from                       |                         |                           |                             |
|    |        |                                 | sudden acute diseases,                        |                         |                           |                             |
|    |        |                                 | exacerbation of chronic                       |                         |                           |                             |
|    |        |                                 | diseases without<br>obvious signs of a threat |                         |                           |                             |
|    |        |                                 | to the patient's life and                     |                         |                           |                             |
|    |        |                                 | requiring emergency                           |                         |                           |                             |
|    |        |                                 | medical care; the use of                      |                         |                           |                             |
|    |        |                                 | medical devices in                            |                         |                           |                             |
|    |        |                                 | according to the current                      |                         |                           |                             |
|    |        |                                 | procedures for the                            |                         |                           |                             |
|    |        |                                 | provision of medical,                         |                         |                           |                             |
|    |        |                                 | clinical guidelines                           |                         |                           |                             |
|    |        |                                 | (treatment protocols) on                      |                         |                           |                             |
|    |        |                                 | the provision of medical                      |                         |                           |                             |
|    |        |                                 | care, assistance taking into account the      |                         |                           |                             |
|    |        |                                 | standards of medical                          |                         |                           |                             |
|    |        |                                 | care  |                         |                           |                             |
| 6. | GPC-5  | Be able to assess               | IGPC-5.1 Know:                                | anatomy,                | evaluate the              | Have practical              |
|    |        | morphofunctional,               | anatomy, histology,                           | histology,              | main                      | experience:                 |
|    |        | physiological conditions        | embryology,                                   | embryology,             | morphofuncti              | assessment of               |
|    |        | and pathological                | topographic anatomy,                          | topographic             | onal data,                | basic                       |
|    |        | processes in the human          | physiology,                                   | anatomy,                | physiological             | morphological               |
|    |        | body to solve                   | pathological anatomy                          | physiology,             | conditions                | and functional              |
|    |        | professional problems           | and physiology of                             | pathological            | and                       | data,                       |
|    |        |                                 | human organs and                              | anatomy and             | pathological              | physiological               |
|    |        |                                 | systems<br>IGPC 5.2 Be able to:               | physiology<br>of human  | processes in the human    | conditions and pathological |
|    |        |                                 | evaluate the basic                            | organs and              | body                      | processes in the            |
|    |        |                                 | morphofunctional data,                        | systems                 | body                      | human body in               |
|    |        |                                 | physiological conditions                      | systems                 |                           | solving                     |
|    |        |                                 | and pathological                              |                         |                           | professional                |
|    |        |                                 | processes in the human                        |                         |                           | problems                    |
|    |        |                                 | body  |                         |                           | -                           |
|    |        |                                 | IGPC5. 3. Have                                |                         |                           |                             |
|    |        |                                 | practical experience:                         |                         |                           |                             |
|    |        |                                 | assessment of basic                           |                         |                           |                             |
|    |        |                                 | morphological and                             |                         |                           |                             |
|    |        |                                 | functional data,                              |                         |                           |                             |
|    |        |                                 | physiological conditions                      |                         |                           |                             |
|    |        |                                 | and pathological processes in the human       |                         |                           |                             |
|    |        |                                 | body when solving                             |                         |                           |                             |
|    |        |                                 | professional problems                         |                         |                           |                             |
| 7. | GPC-10 | Be able to solve                | IGPC10. 1.Know: the                           | the                     | apply                     | the use of                  |
|    |        | standard tasks of               | possibilities of                              | possibilities           | modern                    | modern                      |
|    |        | professional activity           | reference and                                 | of reference            | information               | information and             |
|    |        | using information,              | information systems                           | and                     | and                       | bibliographic               |
|    |        | bibliographic resources,        | and professional                              | information             | communicati               | resources, the              |
|    |        | medical and biological          | databases; methods of                         | systems and             | on<br>taabnalaaisa        | use of special              |
|    |        | terminology,<br>information and | information search,<br>information and        | professional databases; | technologies to solve the | software and automated      |
| 1  |        | Endormation and                 | i information and                             | uatapases:              | L to solve the            | amomated                    |
| 1  |        | communication                   | communication                                 | methods of              | problems of               | information                 |

|    |      | technologies, taking   | technologies; modern                           | information              | professional               | systems to solve                    |
|----|------|--|--|--------------------------|----------------------------|-------------------------------------|
|    |      | into account the basic   | medical and biological                         | search,<br>information   | activity; to               | standard tasks                      |
|    |      | requirements of information security   | terminology; basics of information security in | and                      | carry out an effective     | of professional                     |
|    |      | mormation security   | professional activity                          | communicati              | search for                 | activity, taking into account the   |
|    |      |  | IGPC10. 2. Know how                            | on                       | information                | basic                               |
|    |      |  | to: apply modern                               | technologies;            |                            | requirements of                     |
|    |      |  | information and                                | modern                   | necessary to solve the     | information                         |
|    |      |  | communication                                  | medical and              | problems of                | security                            |
|    |      |  | technologies to solve                          | biological               | professional               | security                            |
|    |      |  | the problems of                                | terminology;             | activity using             |                                     |
|    |      |  | professional activity; to                      | basics of                | reference                  |                                     |
|    |      |  | carry out an effective                         | information              | systems and                |                                     |
|    |      |  | search for information                         | security in              | professional               |                                     |
|    |      |  | necessary to solve the                         | professional             | databases;                 |                                     |
|    |      |  | problems of                                    | activity                 | use modern                 |                                     |
|    |      |  | professional activity                          | detivity                 | medical and                |                                     |
|    |      |  | using reference systems                        |                          | biological                 |                                     |
|    |      |  | and professional                               |                          | terminology;               |                                     |
|    |      |  | databases; use modern                          |                          | master and                 |                                     |
|    |      |  | medical and biological                         |                          | apply                      |                                     |
|    |      |  | terminology; master and                        |                          | modern                     |                                     |
|    |      |  | apply modern                                   |                          | information                |                                     |
|    |      |  | information and                                |                          | and                        |                                     |
|    |      |  | communication                                  |                          | communicati                |                                     |
|    |      |  | technologies in                                |                          | on                         |                                     |
|    |      |  | professional activities,                       |                          | technologies               |                                     |
|    |      |  | taking into account the                        |                          | in                         |                                     |
|    |      |  | basic requirements of                          |                          | professional               |                                     |
|    |      |  | information security                           |                          | activities,                |                                     |
|    |      |  | IGPC 10 3. Have                                |                          | taking into                |                                     |
|    |      |  | practical experience in:                       |                          | account the                |                                     |
|    |      |  | using modern                                   |                          | basic                      |                                     |
|    |      |  | information and                                |                          | requirements               |                                     |
|    |      |  | bibliographic resources,                       |                          | of                         |                                     |
|    |      |  | using special software                         |                          | information                |                                     |
|    |      |  | and automated                                  |                          | security                   |                                     |
|    |      |  | information systems to                         |                          |                            |                                     |
|    |      |  | solve standard tasks of                        |                          |                            |                                     |
|    |      |  | professional activity,                         |                          |                            |                                     |
|    |      |  | taking into account the                        |                          |                            |                                     |
|    |      |  | basic requirements of                          |                          |                            |                                     |
| 0  | DC 5 | $\mathbf{D}_{\mathbf{r}} = \mathbf{h}_{\mathbf{r}} $ | information security                           | Tani 1.4                 | 40.01111                   | Commission                          |
| 8. | PC-5 | Be able to elicit  | IPC 5.1 Know: The                              | Legislation              | to elicit                  | Complaints                          |
|    |      | complaints, take a bistory of the patient's  | legislation of the<br>Russian Federation in    | of the<br>Russian        | complaints,                | eliciting, taking                   |
|    |      | history of the patient's life and illness, conduct   | the field of health care,                      | Russian<br>Federation in | take a history of life and | a history of life<br>and illness of |
|    |      | a complete physical  | regulations and other                          | the field of             | disease of the             | the patient and                     |
|    |      | examination of the   | documents that                                 | health                   | patient and                | analysis of the                     |
|    |      | patient (inspection,   | determine the activities                       | protection,              | analyze the                | information                         |
|    |      | palpation, percussion,   | of medical                                     | regulatory               | information                | received;                           |
|    |      | auscultation), formulate   | organizations and                              | legal acts and           | received;                  | conducting a                        |
|    |      | an initial diagnosis and   | medical workers;                               | other                    | conduct a                  | complete                            |
|    |      | draw up a plan for   | method of collecting                           | documents                | complete                   | physical                            |
|    |      | laboratory and   | complaints, anamnesis                          | that                     | physical                   | examination of                      |
|    |      | instrumental   | of life and disease of the                     | determine                | examination                | the patient                         |
|    |      | examinations of the  | patient; a technique for                       | the activities           | of the patient             | (inspection,                        |
|    |      | patient  | a complete physical                            | of medical               | (inspection,               | palpation,                          |
|    |      | *  | examination of the                             | organizations            | palpation,                 | percussion,                         |
|    |      |  | patient (inspection,                           | and medical              | percussion,                | auscultation)                       |
|    |      |  | palpation, percussion,                         | workers;                 | auscultation)              | and interpreting                    |
|    |      |  | auscultation); etiology,                       | method of                | and interpret              | its results;                        |
|    |      |  | pathogenesis and                               | collecting               | its results;               | determining the                     |
|    |      |  | · *  |                          |                            |                                     |

|   | 1 | <br>                                    |                           |              | 1               |
|---|---|---|---------------------------|--------------|-----------------|
|   |   | pathomorphology,                        | complaints,               | determine    | order of        |
|   |   | clinical presentation,                  | anamnesis of              | the sequence | amount, content |
|   |   | differential diagnosis,                 | life and                  | of amount,   | and sequence of |
|   |   | course features,                        | illness of the            | content and  | diagnostic      |
|   |   | complications and                       | patient; a                | sequence of  | measures        |
|   |   | outcomes of internal                    | technique for             | diagnostic   |                 |
|   |   | diseases;                               | a complete                | measures     |                 |
|   |   | patterns of functioning                 | physical                  |              |                 |
|   |   | of a healthy human                      | examination               |              |                 |
|   |   | body and mechanisms                     | of the patient            |              |                 |
|   |   | for ensuring health from                | (inspection,              |              |                 |
|   |   | the standpoint of the                   | palpation,                |              |                 |
|   |   | theory of functional                    | percussion,               |              |                 |
|   |   | systems; features of the                | auscultation);            |              |                 |
|   |   | regulation of the functional systems of | etiology,<br>pathogenesis |              |                 |
|   |   | the human body in                       | and                       |              |                 |
|   |   | pathological processes;                 | pathomorpho               |              |                 |
|   |   | methods of laboratory                   | logy, clinical            |              |                 |
|   |   | and instrumental studies                | picture,                  |              |                 |
|   |   | for assessing the state of              | differential              |              |                 |
|   |   | health, medical                         | diagnosis,                |              |                 |
|   |   | indications for                         | course                    |              |                 |
|   |   | conducting studies,                     | features,                 |              |                 |
|   |   | rules for interpreting                  | complication              |              |                 |
|   |   | their results                           | s and                     |              |                 |
|   |   | IPC 5.2 Be able to:                     | outcomes of               |              |                 |
|   |   | elicit complaints, take a               | diseases of               |              |                 |
|   |   | history of life and                     | internal                  |              |                 |
|   |   | disease of the patient                  | organs;                   |              |                 |
|   |   | and analyze the                         | patterns of               |              |                 |
|   |   | information received;                   | functioning               |              |                 |
|   |   | conduct a complete                      | of a healthy              |              |                 |
|   |   | physical examination of                 | human body                |              |                 |
|   |   | the patient (inspection,                | and                       |              |                 |
|   |   | palpation, percussion,                  | mechanisms                |              |                 |
|   |   | auscultation) and                       | for ensuring              |              |                 |
|   |   | interpret its results;                  | health from               |              |                 |
|   |   | determine the sequence                  | the                       |              |                 |
|   |   | of amount, content and                  | standpoint of             |              |                 |
|   |   | sequence of diagnostic                  | the theory of             |              |                 |
|   |   | measures                                | functional                |              |                 |
|   |   |   | systems;<br>features of   |              |                 |
|   |   |   | the                       |              |                 |
|   |   |   | regulation of             |              |                 |
|   |   |   | the                       |              |                 |
|   |   |   | functional                |              |                 |
|   |   |   | systems of                |              |                 |
|   |   |   | the human                 |              |                 |
|   |   |   | body in                   |              |                 |
|   |   |   | pathological              |              |                 |
|   |   |   | processes;                |              |                 |
|   |   |   | methods of                |              |                 |
|   |   |   | laboratory                |              |                 |
|   |   |   | and                       |              |                 |
|   |   |   | instrumental              |              |                 |
|   |   |   | studies for               |              |                 |
|   |   |   | assessing the             |              |                 |
|   |   |   | state of                  |              |                 |
|   |   |   | health,                   |              |                 |
|   |   |   | medical                   |              |                 |
| ĺ |   |   | indications               |              |                 |
|   | 1 |   |                           |              |                 |

|     |      |   |  | C                          |                         |                                  |
|-----|------|---|--|----------------------------|-------------------------|----------------------------------|
|     |      |   |  | for conducting             |                         |                                  |
|     |      |   |  | studies, rules             |                         |                                  |
|     |      |   |  | for                        |                         |                                  |
|     |      |   |  | interpreting               |                         |                                  |
|     |      |   |  | their results              |                         |                                  |
| 9.  | PC-6 | Be able to refer the                        | IPC 61. Know: general                  | general                    | justify the             | substantiation                   |
|     |      | patient for laboratory,                     | issues of organizing                   | issues of                  | need and                | of the need and                  |
|     |      | instrumental                                | medical care for the                   | organizing                 | scope of                | scope of                         |
|     |      | examination, for a                          | population, methods of                 | medical care               | laboratory              | laboratory                       |
|     |      | consultation with                           | laboratory and                         | for the                    | examination             | examination of                   |
|     |      | specialist doctors if                       | instrumental studies to                | population,                | of the                  | the patient;                     |
|     |      | there are medical                           | assess the state of                    | methods of                 | patient;                | substantiation of the need and   |
|     |      | indications in according to the current     | health, medical indications for        | laboratory<br>and          | justify the<br>need and | scope of                         |
|     |      | procedures for the                          | conducting studies,                    | instrumental               | scope of                | instrumental                     |
|     |      | provision of medical                        | rules for interpreting                 | studies for                | instrumental            | examination of                   |
|     |      | care, clinical guidelines                   | their results; procedures              | assessing the              | examination             | the patient;                     |
|     |      | (treatment protocols) on                    | for the provision of                   | state of                   | of the                  | substantiation                   |
|     |      | the provision of medical                    | medical care, clinical                 | health,                    | patient;                | of the need to                   |
|     |      | care, taking into                           | guidelines (treatment                  | medical                    | justify the             | refer the patient                |
|     |      | account the standards of                    | protocols) on the                      | indications                | need to refer           | for                              |
|     |      | medical care, and also                      | provision of medical                   | for                        | the patient             | consultations to                 |
|     |      | refer the patient for                       | care, standards of                     | conducting                 | for                     | specialist                       |
|     |      | providing specialized                       | medical care                           | studies, rules             | consultations           | doctors;                         |
|     |      | medical care in an                          | IPC 6 2. Be able to:                   | for                        | with                    | determination                    |
|     |      | inpatient setting or in a                   | justify the need and                   | interpreting               | specialist              | of medical                       |
|     |      | day hospital if there are                   | scope of laboratory examination of the | their results;             | doctors;                | indications for                  |
|     |      | medical indications in                      | patient; justify the need              | procedures for the         | determine<br>medical    | the provision of                 |
|     |      | according to the current procedures for the | and scope of                           | provision of               | indications             | emergency,<br>including          |
|     |      | provision of medical                        | instrumental                           | medical care,              | for the                 | emergency                        |
|     |      | care, clinical guidelines                   | examination of the                     | clinical                   | provision of            | specialized,                     |
|     |      | (treatment protocols) on                    | patient; justify the need              | guidelines                 | emergency,              | medical care                     |
|     |      | the provision of medical                    | to refer the patient for               | (treatment                 | including               |                                  |
|     |      | care, taking into                           | consultations with                     | protocols) on              | emergency               |                                  |
|     |      | account the standards of                    | specialist doctors;                    | the provision              | specialized,            |                                  |
|     |      | medical care                                | determine medical                      | of medical                 | medical care            |                                  |
|     |      |   | indications for the                    | care,                      |                         |                                  |
|     |      |   | provision of emergency,                | standards of               |                         |                                  |
|     |      |   | including emergency                    | medical care               |                         |                                  |
|     |      |   | specialized, medical                   |                            |                         |                                  |
| 10  | PC-7 | Be able to make a                           | care<br>IPC 7.1 Know:                  | atiology                   | analyze the             | analyzia of the                  |
| 10. | rU-7 | differential diagnosis                      | etiology, pathogenesis                 | etiology,<br>pathogenesis  | results of the          | analysis of the obtained results |
|     |      | with other                                  | and pathomorphology,                   | and                        | patient's               | of the                           |
|     |      | diseases/conditions,                        | clinical picture,                      | pathomorpho                | examination,            | examination of                   |
|     |      | including emergencies,                      | differential diagnosis,                | logy, clinical             | if necessary,           | the patient, if                  |
|     |      | to establish a diagnosis                    | course features,                       | picture,                   | justify and             | necessary,                       |
|     |      | taking into account the                     | complications and                      | differential               | plan the                | justification and                |
|     |      | current international                       | outcomes of diseases of                | diagnosis,                 | scope of                | planning of the                  |
|     |      | statistical classification                  | internal organs;                       | course                     | additional              | volume of                        |
|     |      | of diseases and related                     | methods of laboratory                  | features,                  | studies;                | additional                       |
|     |      | health problems (ICD)                       | and instrumental studies               | complication               | interpret the           | studies;                         |
|     |      |   | for assessing the state of             | s and                      | results of              | interpreting the                 |
|     |      |   | health, medical indications for        | outcomes of<br>diseases of | collecting information  | results of                       |
|     |      |   | conducting studies,                    | internal                   | about the               | collecting information           |
| 1   |      |   | rules for interpreting                 | organs;                    | patient's               | about the                        |
|     |      |   | their results; ICD                     | methods of                 | disease;                | patient's                        |
|     |      |   | IPC 7.2 Be able to:                    | laboratory                 | interpret the           | disease;                         |
|     |      |   | analyze the results of                 | and                        | data obtained           | interpretation of                |
|     |      |   | the patient's                          | instrumental               | during the              | data obtained                    |
| ·   |      |   |  | i                          | . 0                     | •                                |

## **4. Volume of the academic discipline and types of academic work** Total labor intensity of the discipline is 2 CU (72 AH)

| Type of educational work        | Labor i   | Labor intensity |   | Labor intensity (AH) in |   |  |
|---------------------------------|-----------|-----------------|---|-------------------------|---|--|
|                                 | volume in | volume in       |   | semesters               | 3 |  |
|                                 | credit    | academic        | 4 | 5                       | 6 |  |
|                                 | units     | hours           |   |                         |   |  |
|                                 | (CU)      | (AH)            |   |                         |   |  |
| Classroom work, including       | 1,22      | 44              | - | 44                      |   |  |
| Lectures (L)                    | 0,28      | 10              | - | 10                      |   |  |
| Laboratory practicum (LP)*      | -         | -               | - | -                       | - |  |
| Practicals (P)                  | -         | -               | - | -                       | - |  |
| Clinical Practice (CP)          | 0,94      | 34              | - | 34                      | - |  |
| Seminars (S)                    | -         | -               | - | -                       | - |  |
| Student's individual work (SIW) | 0,78      | 28              | - | 28                      |   |  |
| Mid-term assessment             |           |                 |   |                         |   |  |
| credit/exam (specify the type)  | -         | -               |   | -                       |   |  |
|                                 |           | credit          |   | Credit                  |   |  |
| TOTAL LABOR INTENSITY           | 2         | 72              | - | 72                      |   |  |

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

| N⁰ | Name of the section of the                                       | - | Ťyŗ | pes of aca | demic wo | ork* (in A | AH) |       |
|----|--|---|-----|------------|----------|------------|-----|-------|
|    | academic discipline  | L | LP  | Р          | СР       | S          | SIW | total |
| 1  | Major syndromes and<br>diseases of the respiratory<br>system     | 2 | -   | -          | 8        | -          | 6   | 16    |
| 2  | Emergency conditions in<br>diseases of the respiratory<br>system | 2 | _   | _          | 6        | _          | 4   | 12    |
| 3  | Major syndromes and  |   |     |            |          |            |     |       |

|   | diseases of the cardiovascular system                               | 4  | - | - | 15 | - | 12 | 31 |
|---|---|----|---|---|----|---|----|----|
| 4 | Emergency conditions in<br>diseases of the<br>cardiovascular system | 2  | - | - | 5  | - | 6  | 13 |
|   | TOTAL   | 10 | - | - | 34 | - | 28 | 62 |

\* - L – lectures; LP – laboratory practicum; P – practicals; CP – Clinical Practice (CP); S – seminars; SIW – student's individual work.