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ФИО: Кузнецов Владимир Вячеславович
Должность: И.о. ректора
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Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY
First Vice-Rector

_____ / Trankovskaya L.V./
"9" мая 2025

DISCIPLINE WORK PROGRAM

Б1.О.11 Topographic anatomy and operative surgery

(name of discipline)

Specialty	**31.05.01 General Medicine** for international students (in English) (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system)
Mode of study	Full-time
Period of mastering the BEP	**6 years** (nominal length of study)
Department	of Simulation and Training Technology

Vladivostok, 2025

Program of the discipline Б1.О.11 Topographic anatomy and operative surgery is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Ministry of Science and Higher Education of the Russian Federation
dated August 12, 2020 No. 988

2) 2) Curriculum for the 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia
March 31, 2025, Report No. 8/24-25.

Work program for the discipline was developed by the writing team of the Department of Simulation and Training Technology of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department Gnezdilov Valery Viktorovich.

Developed by:

Senior lecturer	Candidate of Medical Sciences	Korolev D.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.О.11 Topographic anatomy and operative surgery

The purpose of mastering the discipline is to acquire anatomical and surgical training necessary for subsequent classes in clinical departments and in independent medical activities.

Objectives of mastering the discipline:

1. Studying topographic anatomy of areas, organs and systems (paying special attention to the clinically important anatomical and functional features in children).
2. Learning how to apply acquired topographic and anatomical knowledge for substantiation of diagnosis, explanation of pathological processes, and achievement of diagnostic and surgical objectives.
3. Mastering basic operational actions and some typical surgical techniques.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.О.11 Topographic anatomy and operative surgery** is included in the Mandatory part of the Unit 1 of the basic educational program for the specialty 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), and is part of the 5th and 6th semesters' curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.О.11 Topographic anatomy and operative surgery** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Competency Code	**Competency Description**	**Competency Indicators**
General Professional Competencies		
Etiology and pathogenesis	GPC-5. Is able to assess morphofunctional status, physiological states, and pathological processes in the human body when working to achieve objectives of professional activity	CI.GPC-5_1- assesses the morphofunctional state based on the acquired knowledge CI.GPC-5_2- distinguishes between pathological and physiological processes, identifies etiology of changes CI.GPC-5_3- provides diagnostic assessment of the identified changes

3.2. Types of professional activity corresponding to competencies developed over the course of mastering (наименование дисциплины (модуля):

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Diagnostics;*
2. *Treatment;*
3. *Rehabilitation;*
4. *Disease prevention;*
5. *Administrative work*

3.3. Planned learning outcomes of mastering the discipline are represented by knowledge, skills, abilities and/or experience, characterize the stages of developing competencies and ensure achievement of the planned outcomes of mastering the basic educational program. Learning outcomes of a discipline are correlated with competency indicators.

4. SCOPE AND CONTENT OF THE DISCIPLINE

4.1. Scope of the Discipline and Types of Academic Work

Type of Academic Work		Total Hours	Semesters	
			5	6
			hours	hours
1		2	3	4
Classroom hours (total), including:		**84**	**42**	**42**
Lectures (L)		28	14	14
Practical classes (C)		56	28	28
Independent work of the student (IW), including:		**60**	**30**	**30**
Electronic educational resource (EER)		-	-	-
Preparing for classes (CP)		30	15	15
Preparing for continuous assessment (CAP)		20	10	10
Preparation for interim assessment (IAP)		10	-	10
Interim assessment		36	-	36
Type of interim assessment	pass/fail test (T)	-	-	-
	exam (E)	E	-	E
TOTAL: TOTAL credit value	hrs.	**180**	**72**	**108**
	credits	**5**	**2**	**3**

4.2. Contents of the Discipline

4.2.1. Topics of Discipline Lectures and Academic Hours per Semester

No.	Lecture Topic	Hours
1	2	3
	Semester No. 5	
1.	Introduction. Objectives and methods of studying topographic anatomy and operative surgery	2
2.	Fundamentals of surgical interventions on blood vessels	2
3.	Fundamentals of surgical interventions on the spine, spinal cord, autonomic nervous system and peripheral nerves	2
4.	Fascia and tissue planes (potential spaces) of the limbs. Phlegmon and paronychia surgeries	2
5.	Fundamentals of surgical interventions on the organs of musculoskeletal system. Amputations and exarticulations	2
6.	Surgical anatomy and fundamentals of head surgery	2
7.	Surgical anatomy and fundamentals of neck surgeries	2
	Hours per semester total	**14**
	Semester No. 6	
1.	Fundamentals of surgical interventions on the thoracic wall and organs of the chest cavity	
2.	Fundamentals of surgical interventions on the anterior abdominal wall	2
3.	Surgical anatomy of abdominal cavity	2
4.	Principles of abdominal surgery	2
5.	Fundamentals of surgical interventions on liver and pancreas	2

6.	Fundamentals of surgical interventions on the organs of the retroperitoneal space and lesser pelvis	2
7.	Fundamentals of organ and tissue transplantation	2
	Hours per semester total	**14**

4.2.2. Topics of Discipline Practical Classes and Academic Hours per Semester

No.	Practical Class Topic	Hours
1	2	3
	Semester No. 5	
1	Methods of studying topographic anatomy. Surgical instruments	2
2	Suturing and surgical incisions: rules and techniques. Arrest of bleeding: temporary and complete	2
3	Topographic anatomy of the spine and spinal cord. Spinal tap. Laminectomy. Surgical methods of spine fracture fixation	2
4	Topographic anatomy of the deltoid, scapular, subclavian, and axillary regions. Shoulder joint, joint puncture (arthrocentesis)	2
5	Topographic anatomy of the arm and forearm. Ulnar fossa. Elbow and wrist joints, joint puncture (arthrocentesis)	2
6	Topographic anatomy of the hand Knowledge control: the upper limb	2
7	Topographic anatomy of the gluteal region and thigh. Femoral, obturator, and adductor canals. Hip joint, joint puncture	2
8	Topographic anatomy of the popliteal fossa and calf. Knee and ankle joints, joint puncture	2
9	Topography of the foot. Knowledge control: the lower limb	2
10	Phlegmon and paronychia surgeries. Tendon suture. Nerve suture	2
11	Surgical accesses to vessels and nerves of limbs. Ligation of the great vessels; types, rules and techniques. Vessel suture. Venesection	2
12	Amputations: classification, debridement of soft tissues, bone and periosteum, vessels and nerves in amputation surgery. Pirogow's amputation at the ankle, Gritti-Shimanovsky (Gritti-Stokes) amputation at the knee. Osteosynthesis	2
13	Topographic anatomy of the calvaria: frontal-parietal-occipital, temporal, and mastoid areas. Blood supply of the soft tissues of the skull surface. Blood supply of the brain. Dura mater sinuses. Craniocerebral topography. Primary surgical debridement of skull wounds. Craniotomy	2
14	Skull base topography. Topographic anatomy of the face: buccal, parotideomasseteric, deep facial regions. Topography of facial and trigeminal nerves. Primary surgical debridement of facial wounds. Incisions in phlegmons of maxillofacial localization	2
	Hours per semester total	**28**
	Semester No. 6	
1	Topographic anatomy of the neck: triangles, fascia, and tissue planes (potential spaces). Topography of suprahyoid region, carotid triangle, lateral triangle of the neck, neurovasculature of upper extremity, pre- and interscalene spaces. Topography of the neck organs: thyroid and parathyroid glands, larynx, trachea, pharynx, esophagus. surgical accesses and ligation of carotid artery. Incisions in phlegmons of neck. Vagosympathetic block according to Vishnevsky. Puncture and catheterization of the subclavian vein. Tracheostomy. Thyroidectomy.	3
2	Topographic anatomy of the thoracic wall: layers, tissue planes (potential spaces), blood vessels, nerves. Intercostal space topography. Internal thoracic artery. Breast	3

	topography. Diaphragm: openings, hiatuses, blood vessels, nerves. Incisions in purulent mastitis. Puncture of the pleura and pericardium, Thoracocentesis, drainage of the pleural cavity. Thoracotomy: types, techniques	
3	Thoracic cavity: topography of the pleura and lungs, heart and pericardium, esophagus. Blood vessels and nerves of the anterior and posterior mediastinum. Thoracic duct. Pneumothorax: types, surgical treatment. Heart and lung suture. Surgical interventions for purulent diseases of the lungs and pleura	3
4	Topographic anatomy of the anterior-lateral wall of the abdomen. Topography of the inguinal and femoral canals. Surgical reductions of inguinal (according to Martynov, Bobrov, Girard-Spasokukotsky, Kimbarovsky, Bassini), femoral (according to Bassini, Ruji-Parlavecchio), umbilical (according to Lexer, Mayo, Sapezhko) hernias and hernias of the white line of the abdomen. Concept of non-tension methods of hernia reduction. Laparocentesis. Laparotomy: types, comparison	3
5	Topographic anatomy of the abdominal cavity: topography of organs, peritoneum and its derivatives in the greater and lesser peritoneal sacs. Arterial and venous circulation of the abdominal organs. Innervation and lymph drainage	3
6	Abdominal surgery. Intestinal anastomoses: types, assessment. Types and techniques of intestinal suture. Small and large intestine wound suturing. Intestinal resection and anastomosis	3
7	Abdominal surgery: gastrostomy. Perforated gastric ulcer suturing. Gastric resection. Surgeries facilitating emptying of the stomach. Liver wounds suturing. Types of liver resection. Splenectomy. Appendectomy. Colostomy. Artificial anus	3
8	Topographic anatomy of the lumbar region and retroperitoneal space: facies and tissue planes (potential spaces), Topography of the kidneys and ureters, topography of blood vessels and nerves, Thoracic duct. Paranephral block. Nephrectomy. Ureter suture. Topographic anatomy of the lesser pelvis and perineum: levels, fascia and tissue planes (potential spaces) of the pelvis. Male and female pelvic and perineal organ topography. Pelvic blood vessels and nerves. Catheterization and puncture of the bladder, suprapubic cystostomy. Surgical treatment of hydrocele and cryptorchidism. Surgical treatment of ectopic pregnancy. Surgical treatment of hemorrhoids	4
9	Final knowledge control: test, practicing skills (suturing skin, muscles, blood vessels, nerves, tendons; ligation of blood vessels)	3
	Hours per semester total	**28**

4.2.3. Independent Work of the Student

No.	Name of the Discipline Section	Type of IW	Total Hours
1	3	4	5
	Semester No. 5		
1	Methods of studying topographic anatomy. Surgical instruments	- working with reading materials - preparing for practical classes - preparing for assessment of initial knowledge (test format)	1
2	Suturing and surgical incisions: rules and techniques. Arrest of bleeding: temporary and complete	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
3	Topographic anatomy of the spine and spinal cord. Spinal tap. Laminectomy. Surgical methods of spine fracture fixation	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
4	Topographic anatomy of the deltoid, scapular, subclavian, and axillary	- working with reading materials - preparing for practical classes	2

	regions. Shoulder joint, joint puncture (arthrocentesis)	- preparing for continuous assessment	
5	Topographic anatomy of the arm and forearm. Ulnar fossa. Elbow and wrist joints, joint puncture (arthrocentesis)	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
6	Topographic anatomy of the hand Knowledge control: the upper limb	- working with reading materials - preparing for practical classes - preparing for continuous assessment - preparing for interim assessment - writing library-research papers	2
7	Topographic anatomy of the gluteal region and thigh. Femoral, obturator, and adductor canals. Hip joint, joint puncture	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
8	Topographic anatomy of the popliteal fossa and calf. Knee and ankle joints, joint puncture	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
9	Topography of the foot. Knowledge control: the lower limb	- working with reading materials - preparing for practical classes - preparing for continuous assessment - preparing for interim knowledge control - writing library-research papers	2
10	Phlegmon and paronychia surgeries. Tendon suture. Nerve suture	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
11	Surgical accesses to vessels and nerves of limbs. Ligation of the great vessels; types, rules and techniques. Vessel suture. Venesection	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
12	Amputations: classification, debridement of soft tissues, bone and periosteum, vessels and nerves in amputation surgery. Pirogow's amputation at the ankle, Gritti-Shimanovsky (Gritti-Stokes) amputation at the knee. Osteosynthesis	- working with reading materials - preparing for practical classes - preparing for continuous assessment	2
13	Topographic anatomy of the calvaria: frontal-parietal-occipital, temporal, and mastoid areas. Blood supply of the soft tissues of the skull surface. Blood supply of the brain. Dura mater sinuses. Craniocerebral topography. Primary surgical debridement of skull wounds. Craniotomy	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	4
14	Skull base topography. Topographic anatomy of the face: buccal, parotideomasseteric, deep facial regions. Topography of facial and trigeminal nerves. Primary surgical debridement of facial wounds. Incisions in phlegmons of maxillofacial localization	- working with reading materials - preparing for practical classes - preparing for interim assessment	3
	Hours per semester total		**30**
	Semester No 6		
1	Topographic anatomy of the neck: triangles, fascia, and tissue planes (potential spaces). Topography of suprahyoid region, carotid triangle, lateral triangle of the neck,	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	4

	neurovasculature of upper extremity, pre- and interscalene spaces. Topography of the neck organs: thyroid and parathyroid glands, larynx, trachea, pharynx, esophagus. surgical accesses and ligation of carotid artery. Incisions in phlegmons of neck. Vagosympathetic block according to Vishnevsky. Puncture and catheterization of the subclavian vein. Tracheostomy. Thyroidectomy.		
2	Topographic anatomy of the thoracic wall: layers, tissue planes (potential spaces), blood vessels, nerves. Intercostal space topography. Internal thoracic artery. Breast topography. Diaphragm: openings, hiatuses, blood vessels, nerves. Incisions in purulent mastitis. Puncture of the pleura and pericardium, Thoracocentesis, drainage of the pleural cavity. Thoracotomy: types, techniques	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	3
3	Thoracic cavity: topography of the pleura and lungs, heart and pericardium, esophagus. Blood vessels and nerves of the anterior and posterior mediastinum. Thoracic duct. Pneumothorax: types, surgical treatment. Heart and lung suture. Surgical interventions for purulent diseases of the lungs and pleura	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	3
4	Topographic anatomy of the anterior-lateral wall of the abdomen. Topography of the inguinal and femoral canals. Surgical reductions of inguinal (according to Martynov, Bobrov, Girard-Spasokukotsky, Kimbarovsky, Bassini), femoral (according to Bassini, Ruji-Parlavecchio), umbilical (according to Lexer, Mayo, Sapezhko) hernias and hernias of the white line of the abdomen. Concept of non-tension methods of hernia reduction. Laparocentesis. Laparotomy: types, comparison	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	4
5	Topographic anatomy of the abdominal cavity: topography of organs, peritoneum and its derivatives in the greater and lesser peritoneal sacs. Arterial and venous circulation of the abdominal organs. Innervation and lymph drainage	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	3
6	Abdominal surgery. Intestinal anastomoses: types, assessment. Types and techniques of intestinal suture. Small and large intestine wound suturing. Intestinal resection and anastomosis	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	4
7	Abdominal surgery: gastrostomy. Perforated gastric ulcer suturing. Gastric	- working with reading materials - preparing for practical classes	3

	resection. Surgeries facilitating emptying of the stomach. Liver wounds suturing. Types of liver resection. Splenectomy. Appendectomy. Colostomy. Artificial anus	- preparing for continuous assessment - working with biological materials, anatomical models, and simulators	
8	Topographic anatomy of the lumbar region and retroperitoneal space: facies and tissue planes (potential spaces), Topography of the kidneys and ureters, topography of blood vessels and nerves, Thoracic duct. Paranephral block. Nephrectomy. Ureter suture	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators	3
9	Topographic anatomy of the lesser pelvis and perineum: levels, fascia and tissue planes (potential spaces) of the pelvis. Male and female pelvic and perineal organ topography. Pelvic blood vessels and nerves. Catheterization and puncture of the bladder, suprapubic cystostomy. Surgical treatment of hydrocele and cryptorchidism. Surgical treatment of ectopic pregnancy. Surgical treatment of hemorrhoids Final knowledge control: test	- working with reading materials - preparing for practical classes - preparing for continuous assessment - working with biological materials, anatomical models, and simulators - preparing for interim assessment	3
	Hours per semester total		**30**

5. REQUIREMENTS FOR IMPLEMENTATION OF DISCIPLINE

5.1. Discipline Requirements for Educational Materials and Provided Information

Essential reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	**2**	**3**	**4**	**5**
1	Topographic Anatomy and Operative Surgery: textbook	Nikolaev A.V.	Москва: ГЭОТАР-Медиа, 2019. - 672 с. - ISBN 978-5-9704-5300-1. - Текст : электронный // ЭБС "Консультант студента": [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970453001.html	Unlimited access

Supplementary reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	**2**	**3**	**4**	**5**

1	Textbook of human anatomy for medical students. Vol 1	M. R. Sapin, L. L. Kolesnikov, D. B. Nikitjuk et al.	2-е изд. (эл.). - М.: Новая волна, 2019. - 416 с. - ISBN 9785786402101. - Текст : электронный // ЭБС "Букап": [сайт]. - URL : https://www.books-up.ru/ru/book/textbook-of-human-anatomy-for-medical-students-vol-1-7421613/	Unlimited access
2	Textbook of human anatomy for medical students. Vol 2	L. L. Kolesnikov, D. B. Nikitjuk, M. R. Sapin et al.	2-е изд. (эл.). - М.: Новая волна, 2019. - 480 с. - ISBN 9785786402118. - Текст: электронный // ЭБС "Букап" : [сайт]. - URL : https://www.books-up.ru/ru/book/textbook-of-human-anatomy-for-medical-students-vol-2-7421930/	Unlimited access

Online resources

1. Electronic library system "Student Consultant" http://studmedlib.ru/
2. Electronic library system "University Library Online"http://www.biblioclub.ru/
3. Electronic library system "Urait" https://urait.ru/
4. Electronic library system "BookUp" https://www.books-up.ru/
5. Resources owned by the Library and Information Center of FSBEI HE PSMU of the Ministry of Health of Russia https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/

Online resources and respective user guides are available on the Library and Information Center website Library and Information Center — PSMU (tgmu.ru)

5.2. Discipline Requirements for Facilities and Resources

Information on the facility and resource availability and requirements of the discipline is available on the Facility and resource availability and requirements. FSBEI HE PSMU of the Ministry of Health of Russia (tgmu.ru)" page of the official website of the university.

5.3. List of Information Technologies, Information and Reference Systems, Licensed

and Free Software (Including Domestically-developed Software):

1. PolycomTelepresence M100 Desktop Conferencing Application (Videoconference system)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. INDIGO online testing system
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. GARANT system
11. MOODLE (Modular Object-Oriented Dynamic Learning Environment)

6. ASPECTS OF THE IMPLEMENTATION OF THE DISCIPLINE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

6.1. Availability of Accessible Environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant; buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

6.2. Ensuring Compliance with General Requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

6.3. Availability of the Internal Policies and Procedures of FSBEI HE PSMU of the Ministry of Health of Russia to Students with Disabilities in a Format Accessible to Them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a format accessible to them.

6.4. Increase in the Time Limit of Interim Assessment for Students with Disabilities and Special Needs in Relation to the Established duration

Format of the interim assessment of academic performance within the scope of the discipline conducted for students with disabilities and special needs is selected taking into account individual characteristics of the students (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.01 General Medicine for international students (in English) specialty; list of the aforementioned personnel is available on the website of the educational organization.

8. TUTORIAL WORK

Type of tutorial work	Forms and approaches to tutorial work	Assessment criteria
Assistance in personal growth	Overt Discipline Б1.О.11 Topographic anatomy and operative surgery Talks and problem-centric debates aimed at promotion of healthy lifestyle. Participation in interdepartmental conferences aimed at formation of healthy lifestyle and development of skills necessary to preserve and improve health.	Portfolio
	Covert – creating atmosphere and infrastructure. Discipline Б1.О.11 Topographic anatomy and operative surgery Developing a culture of healthy lifestyle, the ability to preserve and improve health. Creating atmosphere of kindness and respect with a high level of communication during implementation of the discipline.	
Civic position and values	Overt Discipline Б1.О.11 Topographic anatomy and operative surgery Conducting events that facilitate development of civil culture (roundtable discussions, discussions/debates, and talks). Short discussions on current significant events in case the latter occur.	Portfolio
	Covert Discipline Б1.О.11 Topographic anatomy and operative surgery Focusing on civic values-oriented position and legal awareness. Cultivating mindful social position during professional activity.	
Social values	Overt Discipline Б1.О.11 Topographic anatomy and operative surgery Highlighting aspects of organization of healthy lifestyle based on health-preserving technologies. Highlighting ecology-related questions, environmental issues as a factor affecting population health and select population risks. Arranging events aimed at developing ethical norms and norms of conduct in sports community.	Portfolio
	Covert Discipline Б1.О.11 Topographic anatomy and operative surgery Identification in social structure during period of education and in professional activity.	