## SYLLABUS Fall semester 2023-2024 academic year Educational program "6BM10101 Medicine"

1.	ACADEMIC INFORMATION ABOUT THE SUBJECT				
1.1	Faculty/school: Medicine and Healthcare/ Higher	1.6	Number of credits (ECTS):		
	school of medicine		General number of credits: 16		
			lectures 8/ practical classes 8		
1.2	Educational program (EP): Medicine "6BM10101"	1.7	Prerequisites:		
1.3	Agency and year of EP accreditation Date of issue: 28.01.2022 Registration No.: AB 3884 Independent agency for accreditation and rating	1.8	Independent work of the student: 5,3		
1.4	Name of subject:	1.9	Independent work of the student under		
	Normal structure and function of human body		the guidance of a teacher (IWST): 2,6		
1.5	Subject ID: 100044	1.10	Mandatory component - yes / Elective component - no		
2.	Description of subject				
	principles of the functioning of the human body through the integrated teaching of histology anatomy and physiology and biophysics. The morphology and physiology, sex and ag characteristics of the respiratory, endocrine, digestive, lymphatic and immune, urinar reproductive systems and their role in maintaining normal homeostasis are considered in detai Necessary attention is paid to the formation of the appropriate terminological apparatus.				
3	Purpose of subject				
to tea syster endoc huma <b>4.</b>	ch how to apply knowledge of morphology (anatons of the human body (respiratory, cardiovascula trine, musculoskeletal and skin as an organ, nervous norgan systems for understanding vital processes Learning outcomes (LO) of subject	omy and r, hema us, sense and mai	topoietic, digestive, urinary, reproductive, ory organs) in age and the sexual aspect of intaining homeostasis.		
	LO of subject	LO acc	ording to the educational program.		
		with wl	hich the LO is associated by subject		
	<ol> <li>1.demonstrate knowledge of anatomy, topography and visualization in the age and sf human organ systems;</li> <li>2.be able to identify cellular and non-cellular structures that make up the tissues of organ systems on microscopic specimens with an understanding of their formation and function;</li> <li>3.demonstrate knowledge of the physiological</li> </ol>	with wl Apply o and fun from m body as	hich the LO is associated by subject detailed knowledge of the typical structure actions of the human body at the level - solecules, cells, to organs and systems, the s a whole		

	<ul> <li>6.demonstrate knowledge of the physiology of higher nervous activity and the cognitive process;</li> <li>7.be able to conduct research on basic physiological functions;</li> <li>8.demonstrate the ability to identify learning gaps and create strategies to enhance one's own knowledge and skills.</li> </ul>		
	<ul> <li>9. demonstrate analytical skills in the integration of knowledge of the anatomy, histology and function of the human body to understand and evaluate normal life processes.</li> <li>10. independently find, analyze and summarize educational and scientific information in relation to situations related to the course content;</li> </ul>	Identify health about the the biol	v and solve problems affecting human based on the application of knowledge he underlying pathological processes and ogical damage they cause.
	<ul> <li>11. work in a team, defend your point of view reasonably, consider the opinions of others, provide and receive feedback correctly using interpersonal and group communication skills.</li> <li>12. recognize the importance and observe ethical principles, demonstrate responsibility and honesty in all educational interactions;</li> </ul>	Effective the doce during a with the based construction psychologic character	vely build dynamic relationships between ctor and the patient that occur before, and after medical treatment in compliance he principles of ethics and deontology on knowledge of human behavior, patient logy, taking into account cultural eristics and race
	13. communicate effectively with other students and teachers regarding medical and scientific information, articulate their opinions clearly when discussing the morphological structure and physiological processes, and work effectively as a member of the team.	Work multidis professi diagnos commu in writi care.	effectively in an interprofessional / sciplinary team with other healthcare ionals in organizing and managing the stic and treatment process; collect and nicate medical information, verbally and ing, to provide safe and effective patient
5.	Formative assessment methods:		
5.1	Control work - yes	5.5	Essay -yes
5.2	Laboratory classes- no	5.6	Case-study -yes
5.3	Project (individual/group)- group project	5.7	Portfolio of scientific papers
5.4	Mutual evaluation	5.8	Exam Univer system - offline 2 steps exam – OSPE, written part

6.	<b>Detailed</b>	information about t	he subject	-	
6.1	Academic	e year: 2023-2024	6.3	Schedule (days of classes, time	): by schedule
6.2	Semester:	3	6.4	Location (academic building, office, platform and link to the training meeting using DOT): Tole bi 96, classrooms by schedule	
7.	Teacher				
Position		Full Name	Contact inf (tel., e-mai	formation 1)	Time for consultations or by appointment
PhD		Bizhanova Zhadyra	b <u>izhanova.</u>	jadira@med-kaznu.com	
		Kagarmanova Aray	<u>kagarmano</u>	wa.aray@med-kaznu.com	
8.	Subject c	ontent			
Week #		Та	pics and ta	asks	Hours

1	Lecture: General Properties and anatomy of the Autonomic Nervous System	3
	<b>Practical lesson:</b> General Properties and anatomy of the Autonomic Nervous System	3
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzN1IwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.555-565	
	Lecture: Central Control of Autonomic Function	2
	Practical lesson: Autonomic Effects on Target Organs. Central Control	2
	of Autonomic Function	
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.565-570	
	IWST - consultations on IWS, models, discussion of results of written works, etc	
	Lecture: Histology Sensory Organs. Organs of hearing and balance, taste.	2
	Practical lesson: Histology Sensory Organs Organs of hearing, balance, taste buds.	2
	Task:	
	Literature for reading: Gartner, Leslie P., 1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. — 6th ed., p.454-479	
2	Lecture: Properties and types of sensory receptors	2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses	2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available):	2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrq	2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters): Less of the sense o	2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNjIwNzM3?cjc=urcyzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297_978-1260571295 p.576-584	2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYyODIzNiIwNzM3?cic=urcyzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell	2 2 2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell Practical lesson: The chemical senses. Taste and smell.	2 2 2
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2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell Practical lesson: The chemical senses. Taste and smell. Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters):	2 2 2 2 2 2
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2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cjc=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell Practical lesson: The chemical senses. Taste and smell. Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cjc=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.584-589	2 2 2 2 2 2
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2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cjc=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell Practical lesson: The chemical senses. Taste and smell. Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cjc=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.584-589 Lecture: Histology. Sensory organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood retina barrier.Organs of smell.	2 2 2 2 2 2
2	Lecture: Properties and types of sensory receptors Practical lesson: Properties and types of sensory receptor. The general senses Task (if available): https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.576-584 Lecture: The chemical senses. Taste and smell Practical lesson: The chemical senses. Taste and smell. Task (if available): https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p.584-589 Lecture: Histology. Sensory organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood retina barrier.Organs of smell. Practical lesson: Practical lesson 1 Histology Sensory Organs. Organs of	2 2 2 2 2 2 2
2	Lecture: Properties and types of sensory receptors         Practical lesson: Properties and types of sensory receptor. The general senses         Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p.576-584         Lecture: The chemical senses. Taste and smell         Practical lesson: The chemical senses. Taste and smell.         Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p.584-589         Lecture: Histology. Sensory organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood retina barrier.Organs of smell.         Practical lesson: Practical lesson 1 Histology Sensory Organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood vessels of reti	2 2 2 2 2 2 2 2 2
2	Lecture: Properties and types of sensory receptors         Practical lesson: Properties and types of sensory receptor. The general senses         Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p.576-584         Lecture: The chemical senses. Taste and smell         Practical lesson: The chemical senses. Taste and smell.         Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p.584-589         Lecture: Histology. Sensory organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood retina barrier.Organs of smell.         Practical lesson: Practical lesson 1 Histology Sensory Organs. Organs of eye (cornea, sclera, choroid, ciliary body, iris ) retina, blood vessels of retina. Blood vessels of retina. Blood retina barrier. Organs of smell.	2 2 2 2 2 2 2 2
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	Lecture: The laws of geometric optics -1	1
	Practical lesson: The laws of geometric optics.	1
	Task:	
	Literature for reading (textbook pages and chapters).	
	Lecture: Histology of Endocrine System I General features of the	1
	Endocrine system Microscopic Anatomy of endocrine organs	1
	Hypothalamus pituitary pineal gland	
3	Lecture: Eve and vision	3
	Practical lesson: Eve and vision	2
	Task (if available)	_
	https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrg	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 603-620	
	Lecture: Hearing and equilibrium	2
	Practical lesson: Hearing and equilibrium	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 589-602	
	Lecture: Histology of Endocrine System I General features of the Endocrine	1
	system. Microscopic Anatomy of endocrine organs. Hypothalamus, pituitary,	
	pineal gland of Endocrine System II Microscopic Anatomy of endocrine	
	organs. Adrenal gland, thyroid, parathyroid glands.	2
	Practical lesson: Histology of Endocrine System I General features of the	2
	pituitary pineal gland.	
	Task.	
	Literature for reading. Gartner Leslie P 1943-Color atlas and text of	
	histology / Leslie P. Gartner, James Hiatt, — 6th ed., p.454-479	
	Lecture: The laws of geometric optics. Eve as an optical system	1
	Practical lesson: The laws of geometric optics. Eve as an optical system	1
	Task:	_
	Literature for reading:	
4	Lecture: Overview of the endocrine system. The hypothalamus and the	3
	pituitary gland.	-
	<b>Practical lesson:</b> Overview of the endocrine system. The hypothalamus	3
	and the pituitary gland.	
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 627-637	
	Lecture: Other endocrine glands	2
	Practical lesson: Other endocrine glands	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 637-647	-
	Lecture: Hormones and their action	2

	Lecture: Histology of Endocrine System II. Microscopic Anatomy of endocrine organs. Adrenal gland, thyroid, parathyroid glands.	2
	Lecture: Respiratory system: nasal cavity, trachea, bronchi, bronchioles,	
	Practical lesson: Histology of Endocrine System I. General features of the	2
	Endocrine system. Microscopic Anatomy of endocrine organs.	-
	Hypothalamus, pituitary, pineal gland.	
	Task:	
	Literature for reading: Literature for reading: Gartner, Leslie P., 1943-Color atlas and text of histology / Leslie P. Gartner, James Hight	
	6th ed., p.228-254	
5	Practical lesson: Hormones and their action	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	I. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Experimentation (2020, McCraw Hill, Education) ISBN 10	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297 978-1260571295 p 647-656	
	Lecture: Endocrine disorders	3
	Practical lesson: Endocrine disorders	3
	Task (if available):	5
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 659-663	
	Lecture: Stress and adaptation. Elecosanoids and other signaling	2
	Indecutes	2
	Practical lesson: Histology of Endocrine System II Microscopic	2
	Anatomy of endocrine organs. Adrenal gland, thyroid, parathyroid	2
	glands.	
	Task:	
	Literature for reading:Literature for reading: Gartner, Leslie P.,	
	1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. —	
	6th ed., p.228-254	2
6	<b>Practical lesson:</b> Stress and adaptation. Eleosanoids and other signaling	2
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzrg	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 656-658	2
	Lecture: Respiratory system 1. Anatomy of the respiratory system.	3
	system	3
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcvzra	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 846-857	
	Lecture: Respiratory system 2. Pulmonary ventilation.	2
1	Lecture: Histology of urinary system 2	2

trachea, bronchi, bronchioles, alveolar ducts.	, 2
Task: Literature for reading:Literature for reading: Gartner, Leslie P. 1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. – 6th ed., p.276-300	, , -
7 <b>Practical lesson:</b> Respiratory system 2. Pulmonary ventilation.	2
Task (if available):	
https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p. 857-867	1
Lecture: Respiratory system 3. Gas exchange and transport.	3
Practical lesson: Respiratory system 3. Gas exchange and transport.	3
Task (if available): https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
Literature for reading (textbook, pages and chapters): 1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 1260571297, 978-1260571295 p. 868-878	1
Lecture: Histology of Digestive System I. General features of the Digestive Tract. Histology of the esophagus, stomach, small intestine large intestine.	, 2 ,
Practical lesson: Histology urinary system 1.	2
Task:	
Literature for reading:Literature for reading: Gartner, Leslie P. 1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. – 6th ed., p.380-404	2
8 <b>Lecture</b> : Respiratory system 4. Respiratory disorders.	2
Practical lesson: Respiratory disorders	
ractical lesson. Respiratory disorders.	2
Task (if available):	2
Task (if available): https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	2
Tactical ressol: Respiratory disorders.Task (if available):https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 878-880	2
Tactical lesson: Respiratory disorders.Task (if available):https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcyzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 878-880Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.	2
Tactical lesson: Respiratory disorders.Task (if available):https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcyzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 878-880Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.Practical lesson: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.	2
Taktical lesson: Respiratory disorders.         Task (if available):         https://classroom.google.com/c/NTYvODIzNjIwNzM3?cjc=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and         Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 878-880         Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.         Practical lesson: Urinary system 1. Functions of the urinary system.         Anatomy of the kidney.         Task (if available):         https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	2 1 3 3
Tactical lesson. Respiratory disorders.         Task (if available):         https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and         Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 878-880         Lecture: Urinary system 1. Functions of the urinary system. Anatomy of         the kidney.         Practical lesson: Urinary system 1. Functions of the urinary system.         Anatomy of the kidney.         Task (if available):         https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and         Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571207, 078, 1260571205 m, 987, 905	2 3 3
Tactical ressol: Respiratory disorders.Task (if available):https://classroom.google.com/c/NTYvODIzNjIwNzM3?cjc=urcvzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 878-880Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.Practical lesson: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.Task (if available):https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcvzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 887-895Lecture: Histology of Digestive System I. General features of the	2 3 3 4 2
Tactular respiratory disorders.Task (if available):https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 878-880Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.Practical lesson: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.Task (if available):https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrqLiterature for reading (textbook, pages and chapters):1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-101260571297, 978-1260571295 p. 887-895Lecture: Histology of Digestive System I. General features of the Digestive Tract. Histology of the esophagus, stomach, small intestine large intestine.	2 3 3 3 2 2
Tactical resson: Respiratory disorders.         Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 878-880         Lecture: Urinary system 1. Functions of the urinary system. Anatomy of the kidney.         Practical lesson: Urinary system 1. Functions of the urinary system.         Anatomy of the kidney.         Task (if available):         https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 887-895         Lecture: Histology of Digestive System I. General features of the Digestive Tract. Histology of the esophagus, stomach, small intestine large intestine.         Practical lesson: Histology urinary system 2.	2 3 3 3 2 2
Task (if available):         https://classroom.google.com/c/NTYvODIzNiIwNzM3?cic=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and         Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 878-880         Lecture: Urinary system 1. Functions of the urinary system. Anatomy of         the kidney.         Practical lesson: Urinary system 1. Functions of the urinary system.         Anatomy of the kidney.         Task (if available):         https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq         Literature for reading (textbook, pages and chapters):         1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and         Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10         1260571297, 978-1260571295 p. 887-895         Lecture: Histology of Digestive System I. General features of the         Digestive Tract. Histology of the esophagus, stomach, small intestine         large intestine.         Practical lesson: Histology urinary system 2.         Task:	2 3 3 3 2 2

	CC-1 ANS ES Resp System Histology	3
9	Lecture: Urinary system 2. Urine formation I: Glomerular filtration.	2
	Practical lesson: Urinary system 2. Urine formation I: Glomerular	2
	filtration.	
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 895-900	
	Lecture: Urinary system 3. Urine formation II: Tubular reabsorption and	2
	secretion	
	Practical lesson: Urinary system 3. Urine formation II: Tubular	2
	reabsorption and secretion	
	lask (if available):	
	https://classroom.google.com/c/NTYyODIzNj1wNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10 $1260571207, 078, 1260571205, p. 001, 005$	
	12605/1297, 978-12605/1295 p. 901-905	2
	Clands associated with the Digestive Treet. Salivary Glands Liver	2
	Dancreas	
	panereas. Practical lesson: Histology of Digestive System I. General features of the	3
	Digestive Tract Histology of the esophagus stomach small intestine	5
	large intestine	
	Task <sup>.</sup>	
	Literature for reading: Literature for reading: Gartner Leslie P	
	1943-Color atlas and text of histology / Leslie P Gartner James Hiatt —	
	6th ed., p.300-328	
10	Lecture: Urinary system 4. Urine formation III: Water conservation	3
	Practical lesson: Urinary system 4. Urine formation III: Water	3
	conservation	
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 905-908	
	Lecture: Urinary system 5. Urine and Renal Function Tests	2
	Practical lesson: Urinary system 5. Urine and Renal Function Tests	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	12605/1297, 978-12605/1295 p. 908-911	2
	Lecture: Fluid balance. Electrolyte balance	3
	Lecture: Histology Reproductive System Male Reproductive System.	3
	Practical lesson: Histology of digestive system II. Microscopic Anatomy	3
	of the Glands associated with the Digestive Tract. Salivary Glands. Liver,	
	panereas.	
1	Task.	

	Literature for reading:Literature for reading: Gartner, Leslie P., 1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. — 6th ed., p.328-377	
11	Practical lesson: Fluid balance. Electrolyte balance	3
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	I. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	1260571297, 978-1260571295 p. 921-933	
	Lecture: Acid–base balance	2
	Practical lesson: Acid-base balance	2
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNjIwNzM3?cjc=urcyzrg	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	12605/1297, 978-12605/1295 p. 933-939	2
	Lecture: General Anatomy and Digestive Processes. The Mouth Through	3
	Esupliagus. L'actura: Histology Poproductivo System 1. Especie reproductivo systemu	<u> </u>
	Ovaries, ovarian follicles, fallopian tubes.	2
	Practical lesson: Histology Reproductive System Male Reproductive System	2
	Task:	
	Literature for reading:Literature for reading: Gartner, Leslie P., 1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. — 6th ed n 404-434	
12	Practical lesson: General Anatomy and Digestive Processes. The Mouth	3
12	Through Esophagus.	5
	Task (if available):	
	Literature for reading (taythook, pages and chapters):	
	Literature for reading (textbook, pages and enapters).	
	Function 9th Edition (2020 McGraw-Hill Education) ISBN-10	
	1260571297 978-1260571295 n 945-955	
	Lecture: The Stomach	2
	Practical lesson: The Stomach	2
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNjIwNzM3?cic=urcvzrg	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 956-963	
	Lecture: The liver, gallbladder, and pancreas. The small intestine and the	3
	large intestine.	
	Lecture: Chemical digestion and absorption.	2
	Lecture: Histology Reproductive System 1. Female reproductive system: Ovaries, ovarian follicles, fallopian tubes	2
	Practical lesson: Histology Reproductive System Male Reproductive	2
	System.	
	Task:	
	Literature for reading:Literature for reading: Gartner, Leslie P.,	
	1943-Color atlas and text of histology / Leslie P. Gartner, James Hiatt. —	
	6th ed., p.434-454	

13	Lecture: Nutrition	2
	Practical lesson: The liver, gallbladder, and pancreas. The small intestine	3
	and the large intestine.	
	Task:	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 965-974, 981-985	
	Lecture: Carbohydrate metabolism. Lipid and protein metabolism	3
	Practical lesson: Chemical digestion and absorption.	2
	Task (if available):	
	https://classroom.google.com/c/NTYvODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading: Kenneth Saladin, pages 974-981	
	Lecture: Histology Female reproductive system: Uterus. Menstrual Cycle	2
	Practical lesson: Embryology 1. Human embryology sex cells. Early	2
	stages of development of the human embryo fertilization	
	Task:	
	Literature for reading:Dudek, Ronald W., 1950-	
	Embryology / Ronald W. Dudek, James D. Fix. — 3rd ed. 1-14	
14	Lecture: Metabolic states and metabolic rate.	3
	Practical lesson: Nutrition	2
	Task:	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 992-1002	
	Lecture: Body heat and thermoregulation	2
	Practical lesson: Carbohydrate metabolism. Lipid and protein	3
	metabolism	
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1003-1012	-
	Lecture: Human embryology. Early stages of development of the human	2
	embryo implantation. Cleavage.	
	Practical lesson: Histology Female reproductive system: Mammary	2
	Glands. Prepubertal Mammary Gland. Resting Adult Mammary Gland.	
	Pregnant Adult Mammary Gland. Lactating Mammary Gland.	
	Correlation of the endometrial changes with events in the ovary and with	
	Teale	
	185K. Literatura for reading: Inderhir Singh's Touthack of Human Histology	
	Diference for reading. Inderon Singh's revision of Human Histology, Revised Reprint : Sep 2010 chapter 21	
15	Lacture: Male reproductive anatomy Dubarty hormonal control	2
13	and climacteric	3
	Practical lesson. Metabolic states and metabolic rate	3
	Tack (if available):	5
	https://classroom.google.com/c/NTYvODIzNiIwNzM3?eic=urevzrg	
	Literature for reading (textbook pages and chapters).	
	1 Saladin Kenneth S. Anatomy & Physiology The Unity of Form and	
	Function 9th Edition (2020 McGraw-Hill Education) ISBN-10	
	1260571297, 978-1260571295 p. 1013-1016	
	Lecture: Sperm and semen	2

	Practical lesson: Body heat and thermoregulation	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1016-1019	
	Lecture: Lecture 45 Human embryology gastrulation. Differentiation of	2
	germ layers.	2
	Practical lesson: Human embryology. Sex cells. Early stages of	3
	Tealer	
	Täsk. Literatura for reading: Dudala Danald W. 1050	
	Embryology / Ronald W. Dudek, Iames D. Fix 3rd ed. 1.14	
	Emolyology / Konald W. Dudek, James D. 14x. — 51d ed. 1-14	
16	Lecture: Female reproductive anatomy Puberty and menopause	3
	<b>Practical lesson:</b> Male reproductive anatomy. Puberty, hormonal control	3
	and climacteric.	
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1031-1041	
	Lecture: Oogenesis and the sexual cycle.	3
	Practical lesson: Sperm and semen	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1041-1046	
	Lecture: Human embryology, organogenesis.	2
	Practical lesson: Human embryology. Fertilization. Cleavage.	2
	Implantation.	
	Literature for reading: Langman's medical embryology. — 12th ed. /	
17	I. w. Saulel. p. 5-59	2
1/	Denatical lasson: Female considuative enotemy. Duberty and even enough	2
	<b>Fractical lesson:</b> Female reproductive anatomy. Puberty and menopause.	3
	https://classroom.google.com/c/NTVyODIzNiJyNzM22cio=uroyzra	
	Literature for reading (textbook, nages and abapters):	
	1 Saladin Kenneth S: Anatomy & Physiology The Unity of Form and	
	Function 9th Edition (2020 McGraw-Hill Education) ISBN-10	
	1260571297 978-1260571295 n 1056-1067	
	<b>Practical lesson:</b> Orgenesis and the sexual cycle	3
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cic=urcvzra	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1067-1075	
	Lecture: Human embryology. Extraembryonic organs amnion, yolk sac,	2
	chorion, placenta, umbilical cord.	

	Practical lesson: Human embryology gastrulation. Differentiation of germ	2
	layers, organogenesis.	
	$\frac{1}{1}$	
	Literature for reading:Langman's medical embryology. — 12th ed. / 1.W. Sadler. p. 39-63	
18	Practical lesson: Pregnancy and childbirth. Lactation	2
	Task (if available):	
	https://classroom.google.com/c/NTYyODIzNjIwNzM3?cjc=urcyzrq	
	Literature for reading (textbook, pages and chapters):	
	1. Saladin, Kenneth S: Anatomy & Physiology. The Unity of Form and	
	Function, 9th Edition (2020, McGraw-Hill Education), ISBN-10	
	1260571297, 978-1260571295 p. 1077-1086	-
	Practical lesson: Human embryology Extraembryonic organs – amnion,	2
	yolk sac, chorion, placenta, umbilical cord.	
	T.W. Sadler. p. 63-115	
Summary	У СРС в 1РК и во 2 РК и указать на какой неделе, сколько часов	
требуется	на выполнение этого СРС	
СРСП вре	емя для консультации СРС указать также по неделям и часам	
9.	<b>Teaching methods of the subject</b> * (lecture, mini-lecture, interactiv	e lecture, case-based
	lecture, Case based Learning (CBL) - individual, group, streaming; integr	ated, interdisciplinary,
	project method (individual, group, integrated, interdisciplinary), we	orking with models,
	discussions conferences virtual laboratory work solving typical/situation	Learning (TDL), parler
	discussions, conferences, virtual laboratory work, solving typical/situation	iai tasks.
	*Выберите применимое для Вашей дисциплины	
10.	Methods of formative assessment: (оценивание без баллов) quiz,	test, interactive test,
	self-assessment test, reflexive essay, mutual evaluation/reviewing/comm	enting и др. внесите
	Ваши методы оценивания)	
11.	Summative assessment methods (from point 5):	
	1) testing using video, drawings, photographs, diagrams, microphotograph	ns or OSPE using
	dummies and micro preparations - as part of the current / midterm / final c	control: final results
	No. 1, 3;	1 6.1 ( )
	2) solution of situational problems, analysis of cases - within the framewo midtarm / final control final regulta No. 2, 4, 5, 6, 0:10:11:12	rk of the current /
	a) interview / oral interview within the framework of the current / milest	one / final control
	final results No. 2, 4, 5, 6:12:13	
10	Summative assessment	
10.	In the course 2 controls (2 interim examinations) are planned within t	the framework of
	which the development of the material is evaluated.	
	For the semester, admission rating points are set: $AR = (IE1 + IE2) / 2$ ,	where IE1 / IE2 $/ =$
	the sum of all points for classes + points for interim examination contr	ol and IWS of the
	corresponding period**. IE1 – 1-9 weeks, IE2 - 10-18 weeks. The fina	l control (exam) is
	carried out in 2 stages. The first stage is testing or OSPE*** (50%), the oral survey of tickets (50%). The final grade for the discipline = $AR^*$ (	e second stage is an 0.6 + Exam * 0.4
	**AR-admission rating, IE - interim examination, MT - midterm examined independent work of student	nination, IWS -
	***Objective Structured Practical Exam - students passing stations in	the number from 5 to
	10 in accordance with the topics submitted for the current / milestone	final controls for a
	limited time	• • • • • • • • • • • • • • • •

#	Type of educational activity	Date	Points	as a percentage %
1	Lecture	According to the schedule	-	Not graded
2	Practical class (current control)  1. Latin Test  2. Written control  3. Working with models  4. Oral interview	According to the schedule	2 points for class	2% out of IE (100 %)
3	Colloquium 1 1 stage - written control – an open-type test based on the learning outcomes 2 stage – OSPE	According to the schedule, in the 7th week		1 stage points =% out of IE1 2 stage points =% out of IE1
	Colloquium 2	According to the schedule, in the 18th week		
	IWS		5 points	5% out of IE1
	IE1	Week 7	100 points, cumulative	30% of the final grade for the subject
		Week 15		
4	Final exam 1 этап 2 этап	According to the session schedule	100 points: 1 stage- 50 points	40 % of the final score
			2 stage- 50 points	

10.	Assessment		
Rating by letter system	Digital equivalent of points	Percentage Digital equivalent of points Percentage	<b>Description of the assessment</b> (changes should be made only at the level of the decision of the Academic Quality Committee of the faculty)
А	4,0	95-100	<b>Excellent.</b> Exceeds the highest task standards.
A-	3,67	90-94	<b>Excellent.</b> Meets the highest standards of the assignment.
B+	3,33	85-89	<b>Good.</b> Very good. Meets the high standards of the assignment.
В	3,0	80-84	Good. Meets most of the job standards.
В-	2,67	75-79	<b>Good.</b> More than enough. Shows some reasonable ownership of the material.
C+	2,33	70-74	<b>Good.</b> Acceptable. Meets the basic standards of the task.
С	2,0	65-69	<b>Satisfactory.</b> Acceptable. Meets some basic job standards.
C-	1,67	60-64	<b>Satisfactory.</b> Acceptable. Meets some basic job standards.
D+	1,33	55-59	Satisfactory. Minimally acceptable.

D	1,0	50-54	Satisfactory.	
	Ĺ		Minimally acceptable. The lowest level of	
			knowledge and completion of the task.	
FX	0,5	25-49	Unsatisfactory.	
			Minimally acceptable.	
F	0	0-24	Unsatisfactory.	
11	Educational	nosounoos (usa tha ful	Very low productivity.	
II. Literatu	re	resources (use the jui	Basic	
			Additional	
Electror	nic resources (in	cluding, but not limi	ted to:	
electron	ic library catal	og, databases of sci	entific	
literatur	e, databases,	animation, mod	deling,	
professi	onal blogs, v	vebsites, other elec	etronic	
referenc	e materials (fo	or example, video,	audio,	
digests)			Anotomical model contan laboratorica educational	
Laborat	ory physical reso	urces	Anatomical model center, laboratories, educational	
Special	software			
Special	soltware			
12.	Teacher's expe	ctations from studen	ts	
I ne stud	aent			
-	attends all classe	es and lectures		
-	- actively participates in classroom classes during formative assessment, in group work,			
-	performs tasks on time			
-	shows respect fo	shows respect for teachers, university staff and students		
-	carefully handles university property (models, desks, chairs, etc.)			
-	observes cleanliness and order on campus and classrooms			
-	uses gadgets in classes only with the teacher's permission			
-	for all issues within the discipline is addressed to the teacher of this discipline, for general			
	academic issues – to his advisor			
-	correspondence is carried out only through a messenger approved by the teacher, at the time			
	regulated by the teacher			
12	Dissipling Doli	<b>A</b>		
15.	The discipline	policy is determined	by the Academic Policy and the Policy of Academic	
	Integrity of Al-Farabi Kazakh National University . If the links will not open, then you can find the relevant documents in the Univer IC			
	The student is obliged to:			
	- attend classes in a white coat			
	- wear gloves when working with models			
	The student must follow the Code of Professional Conduct of Higher School of Medicine			

	1				
	The behavior of the student at the exams is regulated by the "Rules for the final control",				
	"Instructions for the final control of the autumn / spring semester of the current academic year"				
	(current documents are uploaded to the IS "Univer" and updated before the start of the session);				
	"Regulations on checking text documents of students for the presence of borrowings".				
14.	Principles of inclusive learning				
	1. Constantly preparing for classes:				
	For example, supports statements with appropriate links, makes short summaries				
	Demonstrates effective learning skills, helps in teaching others				
	2. Take responsibility for your training:				
	For example, manages your training plan, actively tries to improve, critically evaluated				
	information resources				
	3. Actively participate in the group's training:				
	For example, actively participates in the discussion, willingly takes assignments				
	4. Demonstrate effective	group skills			
	For example, he takes the	he initiative, show	ws respect and correctness towards others, helps to		
	resolve misunderstanding	s and conflicts			
	<b>5.</b> Skillful communicatio	on skills with peer	rs:		
	For example, he listens ac	ctively, is receptive	e to nonverbal and emotional signals		
	Respectful attitude				
	6. Highly developed prof	fessional skills:			
	Strives to complete tasks,	looking for oppor	tunities for more training, confident and qualified		
	Compliance with ethics an	nd deontology in r	relation to patients and medical staff		
	Insubordination.				
	7. High introspection:				
	For example, he recogni	zes the limitation	is of his knowledge or abilities, without becoming		
	defensive or reproaching	others			
	8. Highly developed critical thinking:				
	For example, accordingly demonstrates skills in performing key tasks, such as generating				
	hypotheses, applying knowledge to cases from practice, critically evaluating information,				
	making conclusions aloud, explaining the process of reflection				
	9. Fully complies with the rules of academic behavior with understanding, offers				
	Improvements in order to increase efficiency.				
	10 Fully complies wit	h the rules with	full understanding of them encourages other		
	nombors of the group to	n the fulls with adhere to the ru	los		
	Strictly adheres to the priv	pointer of medical	athias and DDIMUM NON NOCED		
15	Distance/Online learning				
13.	Distance/Onnine lear ining	g			
Distance	l Vanling looming is imploy	anted at the Univ	argity in accordance with the Order of the Minister of		
Educati	on and Science of the Der	nemieu at the Univ	etsity in accordance with the Order of the Minister of		
Education and Science of the Republic of Kazakhstan dated March 20, 2015 No. 137 "On approval of					
equirements for educational organizations to provide distance learning and fulles for organizing the educational process for distance learning and in the form of online learning for educational programs of					
higher and (or) postgraduate education"; according to the Rules of the organization of training with the					
use of 1	DOT at the University: I	nstructions for the	final control of the autumn/spring semester of the		
current	current academic year (the current document is in the IS "Univer"): "Regulations on checking text				
documents of students for the presence of borrowings"					
16 Approval and review					
Land of the Department Signature Euli Name			Full Name		
Generation of the Department		Drotocol No	Data of approval		
Commutee on the Quanty of Protocol No. Plate of approval			Date of approval		
Dean of Faculty		Signature	run name		

## Fall semester 2023-2024 academic year Educational program "6BM10101 Medicine"

Independent work of students (IWS) "Morphology and physiology of human body"

N⁰	IWS tasks	Format	Deadlines (school week)	Points
1	Individual research on endocrine disorders diagnostics and treatment from https://pubmed.ncbi.nlm.nih.gov/	Powerpoint presentation with 25 slides	14th week	10

To perform the IWS, both the recommended course literature and sources are used, as well as those found independently. The IWS is delivered strictly on schedule. In case of valid circumstances (if there is documentary evidence), the IWS may be accepted outside of the schedule.

## Evaluation sheet of the student's independent work

1. Material design				
25 points Designed in accordance with general and technical requirements, including a list and references to the literature used	24-17 points Designed in accordance with general and technical requirements, incorrectly designed or not provided references to the literature used	16-0 points Designed carelessly, there are violations in the structure of the material, there are no references to the sources used		
2. The content of the material and its informativity				
25 points Corresponds to the topic and task. All the necessary information has been fully conveyed.	24-17 points Partially corresponds to the topic/task. Overloaded with material, or there is not enough information.	<b>16-0 points</b> Does not correspond to the topic/task.		
3. The amount of work				
<b>25 points</b> The work is finished. All sections/components are presented	<b>24-17 points</b> Up to 50% of the work has been completed. The main sections/components are presented	<b>16-0 points</b> Up to 30% of the work has been completed. The main sections/components are presented		
4. Mastery of material				
<b>25 points</b> Fluency in the material	<b>24-17 points</b> Incomplete knowledge of the material. The information was reported with inaccuracies.	<b>16-0 points</b> The work performed does not reflect the mastery of the material		