## Ministry of Education and science of RF Ulyanovsk State University

Form



F-the report of lecture, Laboratory and work practical

APPROVED BY

Training Academic Board

Khayrullin R.M.

Course 1, semester 1 Subject: **The Anatomy** 

Type of academic workload: **Lectures** 

Course (speciality) 31.05.01 General medicine

1.       Introduction to human anatomy The history of anatomy       2         2.       General osteology of the skeleton       2         3.       General anthrosyndesmology.       2         4.       General anatomy of the muscles       2         5.       The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus       2         6.       The functional anatomy of the trunk muscles       2         7.       Anatomy and biomechanics of the joint and muscles of the lower limb       2         8.       Introduction to viscerology. General anatomy of digestive system       2         9.       Functional anatomy and topography of the digestive glands and peritoneum       2         10.       Functional anatomy of larynx and lungs. The mediastinum         11.       Features of structure and development of organs of urinary system       2         12.       Features of structure and development of genitals       2         13.       General angiology. The functional anatomy of the heart       2         14.       General anatomy of the structure of the arteries. Microcirculation. Collateral circulation       2         15.       Venous system. Fetal circulation       2         16.       General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	$N_{\underline{0}}N_{\underline{0}}$	Name of sections and topics (Lectures)	Total
The history of anatomy  2. General osteology of the skeleton 2. General arthrosyndesmology. 2. General anatomy of the muscles 3. General anatomy of the muscles 5. The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus 6. The functional anatomy of the trunk muscles 7. Anatomy and biomechanics of the joint and muscles of the upper limb Anatomy and biomechanics of the joint and muscles of the lower limb  8. Introduction to viscerology. General anatomy of digestive system 9. Functional anatomy and topography of the digestive glands and peritoneum 2. Functional anatomy of larynx and lungs. The mediastinum 11. Features of structure and development of organs of urinary system 2. Features of structure and development of genitals 2. General angiology. The functional anatomy of the heart 14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation 15. Venous system. Fetal circulation 2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system. Particular anatomy of the lymphatic system.	1.		2
2.       General osteology of the skeleton       2         3.       General arthrosyndesmology.       2         4.       General anatomy of the muscles       2         5.       The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus       2         6.       The functional anatomy of the trunk muscles       2         7.       Anatomy and biomechanics of the joint and muscles of the lower limb       2         8.       Introduction to viscerology. General anatomy of digestive system       2         9.       Functional anatomy and topography of the digestive glands and peritoneum       2         10.       Functional anatomy of larynx and lungs. The mediastinum       2         11.       Features of structure and development of organs of urinary system       2         12.       Features of structure and development of genitals       2         13.       General angiology. The functional anatomy of the heart       2         14.       General anatomy of the structure of the arteries. Microcirculation. Collateral circulation       2         15.       Venous system. Fetal circulation       2         16.       General anatomy of the lymphatic system. Particular anatomy of the lymphatic system		· ·	
3.       General arthrosyndesmology.       2         4.       General anatomy of the muscles       2         5.       The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus       2         6.       The functional anatomy of the trunk muscles       2         7.       Anatomy and biomechanics of the joint and muscles of the upper limb       2         Anatomy and biomechanics of the joint and muscles of the lower limb       2         8.       Introduction to viscerology. General anatomy of digestive system       2         9.       Functional anatomy and topography of the digestive glands and peritoneum       2         10.       Functional anatomy of larynx and lungs. The mediastinum       2         11.       Features of structure and development of organs of urinary system       2         12.       Features of structure and development of genitals       2         13.       General angiology. The functional anatomy of the heart       2         14.       2         General anatomy of the structure of the arteries. Microcirculation. Collateral circulation       2         15.       Venous system. Fetal circulation       2         General anatomy of the lymphatic system. Particular anatomy of the lymphatic system       2		The history of anatomy	
4.       General anatomy of the muscles       2         5.       The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus       2         6.       The functional anatomy of the trunk muscles       2         7.       Anatomy and biomechanics of the joint and muscles of the upper limb       2         Anatomy and biomechanics of the joint and muscles of the lower limb       2         8.       Introduction to viscerology. General anatomy of digestive system       2         9.       Functional anatomy and topography of the digestive glands and peritoneum       2         10.       Functional anatomy of larynx and lungs. The mediastinum       2         11.       Features of structure and development of organs of urinary system       2         12.       Features of structure and development of genitals       2         13.       General angiology. The functional anatomy of the heart       2         14.       2         General anatomy of the structure of the arteries. Microcirculation. Collateral circulation       2         15.       Venous system. Fetal circulation       2         16.       General anatomy of the lymphatic system. Particular anatomy of the lymphatic system		General osteology of the skeleton	2
5. The functional anatomy of the facial muscles The functional anatomy of the masticatory apparatus  6. The functional anatomy of the trunk muscles  7. Anatomy and biomechanics of the joint and muscles of the upper limb Anatomy and biomechanics of the joint and muscles of the lower limb  8. Introduction to viscerology. General anatomy of digestive system  9. Functional anatomy and topography of the digestive glands and peritoneum  2 Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  2 Features of structure and development of genitals  2 General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system. Particular anatomy of the lymphatic system		, e,	2
masticatory apparatus  6. The functional anatomy of the trunk muscles  7. Anatomy and biomechanics of the joint and muscles of the upper limb  8. Introduction to viscerology. General anatomy of digestive system  9. Functional anatomy and topography of the digestive glands and peritoneum  2 Punctional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  2 Peatures of structure and development of genitals  2 General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system. Particular anatomy of the lymphatic system.			
6. The functional anatomy of the trunk muscles 7. Anatomy and biomechanics of the joint and muscles of the upper limb Anatomy and biomechanics of the joint and muscles of the lower limb  8. Introduction to viscerology. General anatomy of digestive system  9. Functional anatomy and topography of the digestive glands and peritoneum 2 prunctional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system 2 preactives of structure and development of genitals 3 preactives of structure and development of genitals 4 preactives of structure and genitals 5 preactives of structure of the arteries. Microcirculation. Collateral circulation 5 preactives of structure of the arteries. Microcirculation. Collateral circulation 5 preactives of structure of the arteries. Microcirculation. Collateral circulation 5 preactives of structure of the arteries. Microcirculation. Collateral circulation 5 preactives of structure of the arteries. Microcirculation preactives of the structure of the arteries. Microcirculation preactives of the structure of the arteries of structure of the arteries. Microcirculation preactives of the structure of the arteries of	5.		2
Anatomy and biomechanics of the joint and muscles of the lower limb  8.	6.	V 11	2
Anatomy and biomechanics of the joint and muscles of the lower limb  8.	7.	Anatomy and biomechanics of the joint and muscles of the upper limb	2
Introduction to viscerology. General anatomy of digestive system  9. Functional anatomy and topography of the digestive glands and peritoneum  2. Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  2. Features of structure and development of genitals  2. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system.  Particular anatomy of the lymphatic system			
Introduction to viscerology. General anatomy of digestive system  9. Functional anatomy and topography of the digestive glands and peritoneum  2. Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  2. Features of structure and development of genitals  2. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system.  Particular anatomy of the lymphatic system			
9. Functional anatomy and topography of the digestive glands and peritoneum  10. Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  12. Features of structure and development of genitals  13. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	8.		2
Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  12. Features of structure and development of genitals  2  13. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2  16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system		Introduction to viscerology. General anatomy of digestive system	
Functional anatomy of larynx and lungs. The mediastinum  11. Features of structure and development of organs of urinary system  12. Features of structure and development of genitals  2. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system		Functional anatomy and topography of the digestive glands and peritoneum	
11.       Features of structure and development of organs of urinary system       2         12.       Features of structure and development of genitals       2         13.       2         General angiology. The functional anatomy of the heart       2         General anatomy of the structure of the arteries. Microcirculation. Collateral circulation       2         15.       Venous system. Fetal circulation       2         16.       General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	10.		2
12. Features of structure and development of genitals  2. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system		Functional anatomy of larynx and lungs. The mediastinum	
13. General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	11.	Features of structure and development of organs of urinary system	2
General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	12.	Features of structure and development of genitals	2
General angiology. The functional anatomy of the heart  14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	10		
14. General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	13.		2
General anatomy of the structure of the arteries. Microcirculation. Collateral circulation  15. Venous system. Fetal circulation  2 16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	4.4	General angiology. The functional anatomy of the heart	
circulation  15. Venous system. Fetal circulation  2  16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	14.		2
15. Venous system. Fetal circulation 2  16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system			
16. General anatomy of the lymphatic system. Particular anatomy of the lymphatic system	1.5		2
General anatomy of the lymphatic system.  Particular anatomy of the lymphatic system		venous system. Fetal circulation	
Particular anatomy of the lymphatic system	10.	Concret anotomy of the lymphotic evetem	2
17. Functional anatomy of the organs of the immune system	17		2
18.Functional anatomy of the organs of the endocrine system2Total in the plan36			

## Ministry of Education and science of RF Ulyanovsk State University

Form



F-the report of lecture, Laboratory and work practical

APPROVED BY
Training Academic Board
Khayrullin R.M.

Course 1, semester 2

Subject: The Neuroanatomy

Type of academic workload: **Lectures** 

Course (speciality) <u>31.05.01 General medicine</u>

$N_0N_0$	Name of sections and topics (Lectures)	Total
1.	Introduction to neuroanatomy. Functional anatomy of the spinal cord	2
2.	Functional anatomy of the brain (telencephalon and diencephalon)	2
3.	Functional anatomy of the brain (medulla, midbrain and hindbrain)	2
4.	The system of the brain ventricles. Intermeningeal spaces of the brain and the spinal cord	2
5.	General anatomy of peripheral nervous system	2
6.	Anatomy of the cranial nerves	2
7.	Pathway of the brain and spinal cord	2
8.	Functional anatomy of organ of vision	2
9.	Functional anatomy of organ of hearing and balance	
To	tal in the plan	18

Ministry of Education and science of RF Ulyanovsk State University	Form	
F-the report of lecture, Laboratory and work practical		A THE THE THE WAY

APPROVED BY
Training Academic Board
Khayrullin R.M.

Course 1, semester 1
Subject: **The Anatomy** 

Type of academic workload: Laboratory and work practical

Course (speciality) 31.05.01 General medicine

$N_0N_0$	The topic of the laboratory and work practical	Часы
1.	Anatomy of bones of the trunk. Backbone. Brest bone. Ribs	4
2.	Anatomy of cranial skull	4
3.	Anatomy of bones of facial skull	4
4.	General anatomy of the skull (Cranial department of the skull)	4
5.	General anatomy of the skull (Facial section of the skull)	4
6.	The skeleton of upper limb	4
7.	The skeleton of lower limb	4
8.	Join the bones of the trunk and the head	4
9.	Join the bones of upper limb	4
10.	Join the bones of lower limb	4
11.	Muscles and fasciae of back	4
12.	Muscles and fasciae of breast. Muscles of abdomen. Inguinal canal	4
13.	Muscles and fasciae of head and neck	4
14.	The topography of the neck	4
15.	Muscles of shoulder girdle and upper limb	4
16.	Muscles of hand. Fasciae and topograthy of upper limbs	4
17.	Muscles of pelvic girdle, thigh and crus	4
18.	Muscles of foot. Fasciae and topograthy of lower limb	4
Total	I half-year	72 часа

Ministry of Education and science of RF Ulyanovsk State University	Form	
F-the report of lecture, Laboratory and work practical		REAL PROPERTY AND ASSESSMENT OF THE PARTY OF



Course 1, semester 2 Subject: **The Anatomy** 

Type of academic workload: Laboratory and work practical

Course (speciality) <u>31.05.01 General medicine</u>

$N_0N_0$	The topic of the laboratory and work practical	Часы
1.	The oral cavity, its organs. The pharynx. The esophagus The mouth, its organs. Pharynx, esophagus.	4
2.	The stomach. The intestines	4
3.	The liver. The pancreas	4
4.	The peritoneum. Topography of the organs of the digestive system	4
5.	The external nose. The cavity of the nose. The larynx. The trachea. The primary bronchi	4
6.	The bronchial tree. The lungs and mediastinum.	4
7.	The kidneys, the ureter, the urinary bladder and the urethra	4
8.	The male reproductive organs	4
9.	The female reproductive organs	4
10.	The heart and the pericardium. The greater and lesser circulatory system. Blood supply to the heart. Pulmonary trunk	4
11.	The aorta, its parts. Arch of aorta, its branches. Thoracic part of aorta. Abdominal part of aorta, its branches	4
12.	Internal and external carotid arteries, its branches. Subclavian artery.	4
13.	The axillary artery, its branches. Arteries of the upper limb.	4
14.	The iliac artery, its branches.	4
15.	The artery of the lower limb	4
16.	The system of the upper vena cava .Fetal circulation	4
17.	The system of the lower vena cava	4
18.	The system of the portal vein, its form, flows and topography	4
Total	2 half-year	72 часа

Ministry of Education and science of RF Ulyanovsk State University	Form	
F-the report of lecture, Laboratory and work practical		FINT CHARLES AND THE STREET



Khayrullin R.M.

Course 1, semester 3 Subject: The Anatomy

Type of academic workload: **Laboratory and work practical** Course (speciality) 31.05.01 General medicine

$N_0N_0$	The topic of the laboratory and work practical	Часы
1.	The spinal cord	3
2.	Functional anatomy of the brain, the topography of the roots of the cranial nerves	3
3.	The telencephalon	3
4.	The basal nuclei (nuclei basales)	3
5.	The diencephalon. The midbrain	3
6.	The isthmus of the rhomboid brain. The metencephalon (metencephalon)	3
7.	The medulla oblongata. The fourth ventricle	3
8.	The rhomboid fossa	3
9.	I-IV pars of the cranial nerves	3
10.	V- VII pars of the cranial nerves	3
11.	VIII- XII of the cranial nerves	3
12.	The cervical plexus	3
13.	The brachial plexus (the short branches)	3
14.	The brachial plexus (Long branches)	3
15.	The lumbal plexus	3
16.	The sacral plexus. The coccygeal plexus	3
17.	The organ of vision	3
18.	The auditory and vestibular apparatus	3
Total	III half-year	54 часа

Ministry of Education and science of RF Ulyanovsk State University	Form	
F-the report of lecture, Laboratory and work practical		STATE OF THE PARTY