

1.	Subject	ANATOMY			
2.	Code	MLD – 113			
3.	Study program:	Three-year professional studies of medical laboratory diagnostic			
4.	Conducted by	UKIM – Medical faculty Department of anatomy			
5.	Degree of education (first or second cycle)	Integrated cycle			
6.	Academic year/semester	First/I	7.	Credits	3
8.	Professor	Head of the Department of Anatomy Prof. J.Zivadinovikj; *the classes are held by all the members of the Department			
9.	Prerequisite	No			
10.	Goals	<ul style="list-style-type: none"> • Introduction of anatomy as natural, morphological science and its importance in medicine • Learning the basic microscopic structure of the human body • Learning the functional systems anatomy • Learning the topography of the extremities • Learning the topography of the chest, abdomen and pelvis • Learning the topography of the head, neck • Learning the anatomy of the senses, central and peripheral nervous system • Using professional terminology 			
11.	Content summary:	<p>Theoretical lessons (15):</p> <ul style="list-style-type: none"> • Introduction to anatomy, anatomical nomenclature • General anatomy: introduction to osteology, sudesmology, myology, angiology and neurology • Anatomy of the functional systems: <ul style="list-style-type: none"> - Locomotor system - Peripheral nervous system - Respiratory system - Cardiovascular system - Digestive system - Genitourinary system - Central nervous system and senses - Endocrine system <p>Practical lessons: 30 lessons</p> <ul style="list-style-type: none"> • Exercising particular bones, wrists and muscles of upper extremities, lower extremities, body and head • Topographic anatomy of upper and lower extremities • Topographic anatomy of chest, abdomen and pelvis • Topographic anatomy of head and neck 			
12.	Teaching methods:	Interactive lessons, practical lessons, seminars			
13.	Total classes:	100			
14.	Organization	Theoretical lessons and practical lessons: 45 55 lessons learning at home, preparation for mid-term exam, exam, seminars			

15.	Types of teaching activities		15.1	Lessons: theoretical classes	15
			15.2	Practical lessons Seminars	30
16.	Other types of activities		16.1	Practice	
			16.2	Self-supporting practice	
			16.3	Learning at home	55
17.	Knowledge assesment		Points		
	17.1	Regular checks of the knowledge (mid-term exam)	Min.-max. Regular checks of the knowledge (mid-term exam) Written form: 1. Locomotor, respiratory, cardiovascular and peripheral nervous system Points 24-40		
	17.2	Final exam	Anatomy: Min.-max. *Written points 24- 40 **Practical points 6 - 10 * The written part of the final exam is connected to the material about digestive, genitourinary, central nervous system, glands with internal secretion and sense organs. ** The practical part of the final exam is connected to: -recognizing and describing anatomical elements in the locomotor and peripheral nervous system, isolated bones and joints on cadavers. -recognizing and describing organs and anatomical elements in the respiratory, cardiovascular, digestive and genitourinary system on fixed models and cadavers. The student must obtain minimum of the points for every part of the final exam, separately, so that the points on the final exam are calculated and written. If criterion is not met, the student has failed the exam.		
17.3	Paper/project (oral presentation)	Anatomy Min.-Max. Points 1 - 2			
17.4	Active participation	Min. – Max. Points Theoretical lessons 1 - 2 Practical lessons 4 - 6			
18.	Grading criterion (points/grades)	Up to 59 points	5 (five) F		
		From 60 to 68 points	6 (six) E		
		From 69 to 76 points	7 (seven) D		
		From 77 to 84 points	8 (eight) C		
		From 85 to 92 points	9 (nine) B		
		From 93 to 100 points	10 (ten) A		

19.	Requirements for obtaining a signature and attending the final examination	To obtain a signature, the student must gain minimum points from visiting the theoretical and practical lessons, as well as writing the paper.	
		To attend the final exam, the student must pass the mid-term exam. If the mid-term exam is not passed in the determined exam week, the student attends a complete final exam which is a combination of the mid-term exam and the final exam.	
		The final grade for the subject is formed according to the table for grading, and is based on the sum of the points from all the activities, mid-term exams and final exam.	
		Type of activity	Points
			Anatomy
		Theoretical lessons	1-2
		Practical lessons	4-6
		Paper	1-2
		Mid-term exams	24-40
		Final exam	Written part – 24-40 Practical part – 6-10
Total	30-50		
Total:	60-100		
20.	Language	Macedonian	
21.	Method of evaluating the quality of the lessons	Anonymous student evaluation of the subject, the professors and the collaborators who hold the lessons.	
22.	Literature		
	22.1	Mandatory literature	
		1.	Lazarova D, Zafirova B, Jurkovikj D, Chadikovska E, Bojadzieva Stojanoska B, Dodevski A, Trpkovska B. Human Anatomy. Skopje: UKIM, Medical Faculty, 2016
	22.2	Additional literature	
	1.	Anatomy Atlas	