COURSE OUTLINE ANATOMY

1. GENERAL				
SCHOOL	PHYSICAL EDUCATION, SPORT SCIENCE AND OCCUPATIONAL			
	THERAPY			
DEPARTMENT	PHYSICAL EDUCATION AND SPORT SCIENCE			
LEVEL OF STUDIES	ISCED level 6 – Bachelor's or equivalent level			
COURSE CODE	C111	C111 SEMESTER 1st		1st
COURSE TITLE	ANATOMY			
TEACHING ACT	VITIES			
If the ECTS Credits are distributed in di	stinct parts of the	e course e.g.	TEACHING	ì
lectures, labs etc. If the ECTS Credits	are awarded to a	the whole	HOURS PER	R ECTS CREDITS
course, then please indicate the teach	course, then please indicate the teaching hours per week and the WEEK			
corresponding ECT	S Credits.		_	-
			3	6
Please, add lines if necessary. Teaching methods and organization of				
the course are described in section 4.				
COURSE TYPE				
Background, General Knowledge, Scientific	General knowledge			
Area, Skill Development				
DDEDEOLIISITES				
PREREQUISITES:	NO			
PREREQUISITES: TEACHING & EXAMINATION	NO Greek			
PREREQUISITES: TEACHING & EXAMINATION LANGUAGE:	NO Greek			
PREREQUISITES: TEACHING & EXAMINATION LANGUAGE: COURSE OFFERED TO ERASMUS	NO Greek YES			
PREREQUISITES: TEACHING & EXAMINATION LANGUAGE: COURSE OFFERED TO ERASMUS STUDENTS:	NO Greek YES			

2. LEARNING OUTCOMES

Learning Outcomes

Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.

Upon completing the course, students will be able to

- understand the importance of anatomy and correctly use terminology and orientation principles to describe anatomical positions and relationships.
- describe the structure and functions of cells and tissues (epithelial, connective, muscular, nervous) and recognize their roles in the human body.
- analyze the structure and function of the nervous system (brain, spinal cord, nerves) and the skeletal systems of the trunk, upper, and lower limbs, while understanding their contribution to support, protection, and movement.
- describe the different types of muscles and mechanisms of movement, focusing on the structure and function of the muscles of the head, trunk, upper, and lower limbs.
- explain the structure and function of the heart, blood vessels, and blood, understanding the role of the circulatory system, while describing the contribution of the respiratory, digestive, urinary, and endocrine systems to maintaining homeostasis.

General Skills				
Name the desirable general skills upon successful completion of the module				
Search, analysis and synthesis of data and information,	Project design and management			
ICT Use	Equity and Inclusion			
Adaptation to new situations	Respect for the natural environment			
Decision making	Sustainability			
Autonomous work	Demonstration of social, professional and moral responsibility			
Teamwork	and sensitivity to gender issues			

Working in an international environment Working in an interdisciplinary environment Production of new research ideas Critical thinking Promoting free, creative and inductive reasoning

- Search, analysis and synthesis of data and information, ICT Use
- Adaptation to new situations
- Decision making
- Project design and management
- Demonstration of social, professional and moral responsibility and sensitivity to gender issues
- Critical thinking
- · Promoting free, creative and inductive reasoning

3. COURSE CONTENT

1. Introduction to Anatomy

- 2. **Cellular and Histological Organization**: Cellular structure and function, types of tissues: epithelial, connective, muscular, nervous. Role and distribution of tissues in the human body.
- 3. Nervous System: Brain, spinal cord, nerves.
- 4. **Terminology and Principles of Body Orientation**: Planes of section and body movements.
- 5. *Skeletal System*: Bones, joints, and cartilage of the trunk.
- 6. Skeletal System: Bones, joints, and cartilage of the upper limbs.
- 7. Skeletal System: Bones, joints, and cartilage of the lower limbs.
- 8. Muscular System: Types of muscles, mechanisms of movement I.
- 9. Muscular System: Head and trunk II.
- 10. Muscular System: Upper limbs III.
- 11. Muscular System: Lower limbs IV.
- 12. Circulatory System: Heart, blood vessels, blood.
- 13. Respiratory, Digestive, Urinary, and Endocrine Systems.

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD	Face to face			
Face to face, Distance learning, etc.	Theory			
USE OF INFORMATION &	Use of ICT in Teaching and Communication with			
COMMUNICATIONS TECHNOLOGY	Students			
(ICT) Use of ICT in Teachina. in Laboratory	 digital slides 			
Education, in Communication with students	• video			
	 MsTeams/ e-class, webmail 			
TEACHING ORGANIZATION	Activity	Workload/semester		
The ways and methods of teaching are described in detail.	Lectures	39		
Lectures, Seminars, Laboratory Exercise, Field	Bibliographic research &	108		
Exercise, Bibliographic research & analysis,	analysis			
Exercise, Art Workshop, Interactive learning,	Exams	3		
Study visits, Study / creation, project, creation, project. Etc.				
	Total	150		
The supervised and unsupervised workload per				
workload per semester complies to ECTS				
standards.				
STUDENT EVALUATION				
Description of the evaluation process				

Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam,	Final exam 100%
Presentation in audience, Laboratory Report,	
Clinical examination of a patient, Artistic interpretation, Other/Others	
Please indicate all relevant information about	
the course assessment and how students are	
informed	

5. SUGGESTED BIBLIOGRAPHY

- 1. Gilroy, A. M., MacPherson, B. R., & Wikenheiser, J. C. (2020). Human Anatomy (5th Edition). New York, NY: Thieme Medical Publishers.
- 2. McKinley, M., O'Loughlin, V., & Pennefather-O'Brien, E. (2020). Human Anatomy (6th ed.). McGraw Hill. ISBN: 9781260251357

ANNEX OF THE COURSE OUTLINE

Alternative ways of examining a course in emergency situations

Teacher (full name):	Vivian Malliou, Professor
Contact details:	pmalliou@phyed.duth.gr
Supervisors: (1)	YES
Evaluation methods: (2)	Written examination with distance learning methods (100%)
Implementation Instructions: (3)	The examination in the course will be carried out in subgroups of users in the e-class, depending on the number of participants in the course, on the day according to the examination program announced by the Secretariat. The exam will be conducted through Teams. The link will be sent to students via e-class exclusively to the institutional accounts of those who have registered for the course and have learned the terms of distance methods. Students will have to log in to the examination room through their institutional account, otherwise they will not be able to participate. They will also take part in the examination with a camera, which they will have open during the examination. Before the start of the exam, students will show their identity to the camera, so that they can be identified. Each student should answer multiple choice questions. Each of the questions is graded from 0.5 to 2.0 points depending on the question category.