

## COURSE OUTLINE ANATOMY

### 1. GENERAL

<b>SCHOOL</b>	PHYSICAL EDUCATION, SPORTS SCIENCE AND OCCUPATIONAL THERAPY		
<b>DEPARTMENT</b>	OCCUPATIONAL THERAPY		
<b>LEVEL OF STUDIES</b>			
<b>COURSE CODE</b>		<b>SEMESTER</b>	1st
<b>COURSE TITLE</b>	ANATOMY		
<b>TEACHING ACTIVITIES</b> <i>If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.</i>		<b>TEACHING HOURS PER WEEK</b>	<b>ECTS CREDITS</b>
		3	6
<i>Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.</i>			
<b>COURSE TYPE</b> <i>Background, General Knowledge, Scientific Area, Skill Development</i>	General knowledge		
<b>PREREQUISITES:</b>	NO		
<b>TEACHING &amp; EXAMINATION LANGUAGE:</b>	Greek		
<b>COURSE OFFERED TO ERASMUS STUDENTS:</b>	YES		
<b>COURSE URL:</b>			

### 2. LEARNING OUTCOMES

<p><b>Learning Outcomes</b> <i>Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.</i></p>						
<p>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. They will be able to describe the structure and functions of cells and tissues (epithelial, connective, muscular, nervous) and recognize their roles in the human body. They will 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. Additionally, they will 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. They will be able to 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.</p>						
<p><b>General Skills</b> <i>Name the desirable general skills upon successful completion of the module</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><i>Search, analysis and synthesis of data and information,</i></td> <td style="width: 50%; border: none;"><i>Project design and management</i></td> </tr> <tr> <td style="border: none;"><i>ICT Use</i></td> <td style="border: none;"><i>Equity and Inclusion</i></td> </tr> <tr> <td style="border: none;"><i>Adaptation to new situations</i></td> <td style="border: none;"><i>Respect for the natural environment</i></td> </tr> </table>	<i>Search, analysis and synthesis of data and information,</i>	<i>Project design and management</i>	<i>ICT Use</i>	<i>Equity and Inclusion</i>	<i>Adaptation to new situations</i>	<i>Respect for the natural environment</i>
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<i>Decision making</i> <i>Autonomous work</i> <i>Teamwork</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Production of new research ideas</i>	<i>Sustainability</i> <i>Demonstration of social, professional and moral responsibility and sensitivity to gender issues</i> <i>Critical thinking</i> <i>Promoting free, creative and inductive reasoning</i>
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### 3. COURSE CONTENT

<ol style="list-style-type: none"> <li>1. Introduction to Anatomy</li> <li>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.</li> <li>3. Nervous System: Brain, spinal cord, nerves.</li> <li>4. Terminology and Principles of Body Orientation: Planes of section and body movements.</li> <li>5. Skeletal System: Bones, joints, and cartilage of the trunk.</li> <li>6. Skeletal System: Bones, joints, and cartilage of the upper limbs.</li> <li>7. Skeletal System: Bones, joints, and cartilage of the lower limbs.</li> <li>8. Muscular System: Types of muscles, mechanisms of movement I.</li> <li>9. Muscular System: Head and trunk II.</li> <li>10. Muscular System: Upper limbs III.</li> <li>11. Muscular System: Lower limbs IV.</li> <li>12. Circulatory System: Heart, blood vessels, blood.</li> <li>13. Respiratory, Digestive, Urinary, and Endocrine Systems.</li> </ol>
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### 4. LEARNING & TEACHING METHODS - EVALUATION

<p style="text-align: center;"><b>TEACHING METHOD</b></p> <p style="text-align: center;"><i>Face to face, Distance learning, etc.</i></p>	<p>Face to face</p> <p>Theory</p>																
<p style="text-align: center;"><b>USE OF INFORMATION &amp; COMMUNICATIONS TECHNOLOGY (ICT)</b></p> <p style="text-align: center;"><i>Use of ICT in Teaching, in Laboratory Education, in Communication with students</i></p>	<p>Use of ICT in Teaching and Communication with Students</p> <ul style="list-style-type: none"> <li>• digital slides</li> <li>• video</li> <li>• MsTeams/ e-class, webmail</li> </ul>																
<p style="text-align: center;"><b>TEACHING ORGANIZATION</b></p> <p><i>The ways and methods of teaching are described in detail.</i></p> <p><i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research &amp; analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.</i></p> <p><i>The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.</i></p>	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;"><i>Activity</i></th> <th style="text-align: center;"><i>Workload/semester</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td style="text-align: center;">39</td> </tr> <tr> <td>Bibliographic research &amp; analysis</td> <td style="text-align: center;">138</td> </tr> <tr> <td>Exams</td> <td style="text-align: center;">3</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: center;"><b>180</b></td> </tr> </tbody> </table>	<i>Activity</i>	<i>Workload/semester</i>	Lectures	39	Bibliographic research & analysis	138	Exams	3							<b>Total</b>	<b>180</b>
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<p style="text-align: center;"><b>STUDENT EVALUATION</b></p> <p><i>Description of the evaluation process</i></p>	<p>Final exam 100%</p>																

*Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, 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. Επίτομη Ανατομία. Κουγιουμτίδη Χ., Εκδόσεις Πιπέρη, Αθήνα, 2010.
2. Στοιχεία Ανατομικής του Ανθρώπου. Χατζημπούγια, Αθήνα, 2009.
3. Keith L. Moore (1998). Κλινική Ανατομία Ι. Ιατρικές Εκδόσεις Πασχαλίδη. Churchill Livingstone. Gray's Anatomy.

## ANNEX OF THE COURSE OUTLINE

### Alternative ways of examining a course in emergency situations

<b>Teacher (full name):</b>	Vivian Malliou, Professor
<b>Contact details:</b>	<a href="mailto:pmalliou@phyed.duth.gr">pmalliou@phyed.duth.gr</a>
<b>Supervisors: (1)</b>	YES
<b>Evaluation methods: (2)</b>	Written examination with distance learning methods (100%)
<b>Implementation Instructions: (3)</b>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

(1) Please write YES or NO

(2) Note down the evaluation methods used by the teacher, e.g.

- *written assignment* or/and exercises
- written or oral examination with distance learning methods, provided that the integrity and reliability of the examination are ensured.

(3) In the **Implementation Instructions** section, the teacher notes down clear instructions to the students:

a) in case of **written assignment and / or exercises**: the deadline (e.g. the last week of the semester), the means of submission, the grading system, the grade percentage of the assignment in the final grade and **any other necessary information**.

b) in case of **oral examination with distance learning methods**: the instructions for conducting the examination (e.g. in groups of X people), the way of administration of the questions to be answered, the distance learning platforms to be used, the technical means for the implementation of the examination (microphone, camera, word processor, internet connection, communication platform), the hyperlinks for the examination, the duration of the exam, the grading system, the percentage of the oral exam in the final grade, the ways in which the inviolability and reliability of the exam are ensured and any other necessary information.

c) in case of **written examination with distance learning methods**: the way of administration of the questions to be answered, the way of submitting the answers, the duration of the exam, the grading system, the percentage of the

written exam of the exam in the final grade, the ways in which the integrity and reliability of the exam are ensured and any other necessary information.  
There should be an attached list with the Student Registration Numbers only of students eligible to participate in the examination.