

# Descriptive Anatomy I 54322

## GENERAL

SCHOOL	HEALTH SCIENCES		
ACADEMIC UNIT	SCHOOL OF MEDICINE		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	54322	SEMESTER	4 <sup>th</sup>
COURSE TITLE	Descriptive Anatomy I		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS (ECTS)	
LECTURES	5	6	
LABORATORY TRAINING	-		
CLINICAL PRACTICE	-		
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	general background, special background, General Knowledge Specialization		
PREREQUISITE COURSES:	There are no prerequisite courses in order for the student to attend the course		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	ENGLISH		
COURSE WEBSITE (URL)	<a href="#">eClass EKIIA   Descriptive Anatomy I (uoa.gr)</a>		

### Course Director / Head Professor:

Prof. Theodore Troupis

Department of Anatomy

School of Medicine, National and Kapodistrian University of Athens

Office tel: 2107462388 Office Location: Building 4 1<sup>st</sup> floor

Office hours: by appointment on Mondays 11:00-12:00 email: [ttroupis@med.uoa.gr](mailto:ttroupis@med.uoa.gr)

### Course Secretary

Anna Maria Polychronopoulou  
Email: ampoly8@uoa.gr  
Office Location: 125, Papdiamantopoulou Str.  
Office tel: +30 210 746 2208  
Office hours: 10:00–16:00, daily

### Faculty & Guest Speakers

Maria Piagkou	Professor	<a href="mailto:mapian@med.uoa.gr">mapian@med.uoa.gr</a>
Dimitrios Filippou	Associate Professor	<a href="mailto:d_filippou@hotmail.com">d_filippou@hotmail.com</a>
Dimosthenis Chrysikos	Assistant Professor	<a href="mailto:dixrys@yahoo.gr">dixrys@yahoo.gr</a>
Ifigeneia Kostoglou	Scientific Associate	<a href="mailto:ikostoglouathanassiou@yahoo.gr">ikostoglouathanassiou@yahoo.gr</a>
Kasimi Rania-Vasiliki	Scientific Associate	<a href="mailto:raniavkasimi@gmail.com">raniavkasimi@gmail.com</a>

### COURSE DESCRIPTION

#### COURSE DESCRIPTION

**Descriptive Anatomy I provides the opportunity to review in depth the anatomical areas of the human body and the learning of organs and functional systems. It offers lectures in the amphitheater and teaching and learning in cadaveric specimens and in Virtual Dissection tables (Anatmage) or Human Body Navigators.**

**Specific objectives include the anatomy of the abdomen, Abdominal wall and groin, Peritoneum, and omentum, Petroperitoneum, Vessels (Abdominal aorta, Superior and Inferior Vena Cava, Azygos and Hemiazygos Veins), and Nerves (cranial and peripheral nerves), as well as the lymphatic system. The study of the abdominal organs, such as the Esophagus, Stomach, Small intestine, Appendix, Large intestine and anorectum, Liver, Extrahepatic biliary tract and gallbladder Pancreas and Spleen, and the related systems (Digestive, Respiratory, Genitourinary system, Male and Female genital system), Breast anatomy and the Heart.**

#### TIMETABLE AND LOCATION

Lectures

Tuesdays and Wednesdays 10:00 - 12:00 - Library of Health Sciences

Thursdays 11:00-12:00 -Building 5 ground floor Amphitheater

### LEARNING OUTCOMES

#### LEARNING OUTCOMES - SYLLABUS

*The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.*

Upon successful completion of the course Descriptive Anatomy I, students will know the topographic anatomy of the viscera and systems of the human body regarding the respiratory-digestive-circulatory-genital, male-genital, female-lymphatic, system. Topography of chest and abdominal organs, anatomical relationships-vascularity, neurosis-lymphatic drainage-clinical and surgical correlations, through cases mentioned by the Lecturers, which cultivate the critical anatomical thinking of students.

The teaching of the course is student-centered, respects the diversity of students, cultivates teamwork and fruitful exchange of views in the Teaching Amphitheater, uses alternative ways of delivery, takes care of the diverse needs of students by adopting flexible learning directions and pedagogical methods and enhances the sense of autonomy of the student as well as respect for the human body, recognizing the supreme good of body donation on which the education of students.

The relationship between teacher and teacher is also cultivated and counseling and further guidance for anatomical research is provided. In addition, the quality and effectiveness of teaching work is regularly evaluated, taking into account consistently and seriously the evaluation by students.

During the current academic semesters, demonstrations of these courses are also implemented at Anatomage Tables where students have the opportunity to be trained in three-dimensional anatomical digital imaging of the human body.

#### **COURSE CONTENT**

initiator – introduction to viscerology-skin-breast-oral cavity-respiratory system-heart-large vessels-digestive system (pharynx-esophagus-peritoneum-stomach-small intestine-large intestine-rectum-liver-pancreas-bile ducts), spleen-adrenal glands-thyroid gland-lymphatic system-urinary system-genital system, male-genital system, female-demonstration Anatomage Tables.

Hull of the Chest. Pleura and Spaces and Spatial Arrangement of the organs, vessels and nerves of the chest hull. Diaphragm. Vessels and Nerves of the Chest. System of unbranched veins. Major thoracic duct. Thoracic spine of sympathetic stem.

Hull of the abdomen. Spaces and spatial arrangement of the organs of the abdomen. Peritoneum – Peritoneal cavity – Peritoneal spaces – Retroperitoneal space. Arteries and veins of the abdominal hull. The Portal venous system. Lumbar and Sacral spine of the autonomic nervous system.

**GENERAL COMPETENCES** Taking into consideration the general competences that the degree-holder must acquire at which of the following does the course aim?

- Search, analysis and synthesis of data and information, using the necessary technologies
- Adapting to new situations
- Autonomous work
- Teamwork
- Respect for diversity and multiculturalism
- Demonstrate social, professional and moral responsibility and sensitivity
- Criticism and self-criticism
- Promotion of free, creative and inductive thinking

#### TEACHING and LEARNING METHODS

##### **TEACHING METHODS**

*Face-to-face, Distance learning, etc.*

Face-to-face, lectures in the Auditorium and Digital Technology Hall

<p><b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>  <i>Use of ICT in teaching, laboratory education, communication with students</i></p>	<p>Use of computers and audiovisual media in education:</p> <ul style="list-style-type: none"> <li>• Lectures using slides and selected videos</li> <li>• Support of the learning process and communication with students through the electronic platform e-class</li> </ul> <p>Online communication with students</p> <p>Students are further informed about the activities of the Anatomy-"Anatomy" Laboratory through emails sent to their individual email addresses. The following social media pages have also been created:</p> <p>Facebook  Twitter  Instagram  Twitter</p>
--	---

<p><b>TEACHING METHODS</b>  <i>Lectures, seminars, laboratory practice, study and analysis of reference material, clinical practice, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i>  <i>The student's study hours for each learning activity are given as well as the hours of non- directed study according to the principles of the ECTS</i></p>	<i>Activity</i>	<i>Semester workload</i>	
	Lectures/interactive teaching	68	
	Clinical/ Lab practice	-	
	Examination duration	2 hours/student	
	Individual study/preparation	68	
	<b>Course total</b>	<i>138</i>	

<b>LEARNING MANAGEMENT SYSTEM</b>	All course materials and announcements will be posted on eClass.
-----------------------------------	--

**STUDENT PERFORMANCE EVALUATION**

<b>LANGUAGE OF EXAMINATION</b>	ENGLISH
--------------------------------	---------

<p><b>DESCRIPTION OF THE EVALUATION PROCEDURE</b></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Assessment of the student's knowledge, diligence, willingness, conscientiousness, consistency and general interest during teaching in the Auditorium</p> <p>Final written exam with multiple choice system of 60 questions.</p>
---	--

<p><b>Examination period</b></p>	<ul style="list-style-type: none"> <li>• <i>Spring semester examination period</i></li> <li>• <i>September examination period</i></li> </ul>
<p><b>METHODS OF EVALUATION (detailed)</b></p>	<p><i>multiple-choice questionnaires, images, videos, flash cards etc.</i></p>
<p><b>GRADING POLICY</b></p>	<p><b>For a course to be considered completed, a grade of five (5) out of ten (10) or higher is required.</b></p> <p><b>If a student has not obtained a qualifying mark (i.e. above 5) he/she will come to the examination in September to retake the course.</b></p> <p><b>The examination of the course in September is usually oral.</b></p> <p><b>If there are enough students (10 students or more) to take the course at the September re-examination, it will be written</b></p>

#### REFERENCE MATERIAL / BOOKS REQUIRED

The supply of books is the responsibility of the student and the cost is not included in the tuition fees.

#### Recommended Textbooks

- 1) Snell's Clinical Anatomy by Regions, 10th edition
- 2) Color Atlas of Human Anatomy, Vol. 1 Locomotor System, ISBN: 9783132424432
- 3) Color Atlas of Human Anatomy, Vol. 2 Internal Organs, ISBN: 9783132424487
- 4) Color Atlas of Human Anatomy, Vol. 3: Nervous System and Sensory Organs 8th edition, Author(s): Werner Kahle, Michael Frotscher ISBN: 9783132424517, Publisher: Thieme
- 5) Sobotta Anatomy Textbook, English Edition, 1st Edition, Authors: Friedrich Paulsen, Tobias M. Böckers, Jens Waschke, ISBN: 9780702067600, Publisher: Elsevier

6) Atlas of Human Anatomy, 8th Edition, Author: Frank H. Netter, ISBN:9780323680424, Publisher: Elsevier

### Suggested articles or other free (or nearly free) resources

#### RELATED SCIENTIFIC JOURNALS

- In the bibliographic database pubmed/medline, google scholar
- *Annals of Anatomy*
- *Clinical Anatomy*
- *Surgical and Radiological Anatomy*
- *Morphology*
- *Folia Morphologica*

#### ATTENDANCE AND OTHER STUDENT RESPONSIBILITIES

##### A. ATTENDANCE POLICY

Attendance is mandatory for both lectures and labs/clinical practice.

Students are allowed to be absent up to 13 hours of lectures (which corresponds to a maximum of 20% of the total course hours). Specifically, in lectures of the specific course you are allowed to miss **{13 teaching hours}**.

##### B. STUDENT RESPONSIBILITIES & EXPECTATIONS:

- Please make sure to participate in lectures, lab sessions, and exam days. In the event of an emergency or illness, kindly notify the central administration promptly via email to [medicen@uoa.gr](mailto:medicen@uoa.gr) as well as the secretariat of the course Anna Maria Polychronopoulou via provided email [ampoly8@uoa.gr](mailto:ampoly8@uoa.gr)
- Please ensure punctuality for the lectures and labs, and in return, the Professor will conclude the class as scheduled. Kindly note that students will not be allowed to enter the class in case the doors close and the lecture/lab has started; they will be marked as absent.
- Maintain a sense of curiosity and be proactive in seeking clarification. If you are unclear about something, chances are that others in the class share the same confusion. Support your peers by posing questions and seeking clarity.

##### C. DRESS CODE

Physicians are expected to be groomed and dressed in a manner that presents a professional and neat appearance to their patients. Maintaining personal hygiene and wearing appropriate attire help to establish rapport with patients and are important to good patient care. These factors may have impact on the dress code policy at our institution. Dress code requirements in clinical settings are also influenced by personal and patient safety needs.

Shorts are not allowed.

While on clinical rotations, medical students must be dressed in accordance with the dress code of the site in which they are working. Medical students are expected to wear professional attire and white coats when appropriate. Closed-toed shoes are required in the clinical setting.

