Course Title	**Human Anatomy**				
Course Code	ABS107				
Course Type	Compulsory				
Level	BSc (Level 1)				
Year / Semester	1st year/ 1st semester				
Teacher's Name	Dr Savvas Ioannou				
ECTS	5	Lectures / week	2+1*	Laboratories/week	1
Course Purpose	The aim of this course is to introduce students to the basic anatomy of the human body, covering all the body organs . The course will cover both the external and internal morphology and anatomy of the human body, the main histological types of tissues ,as well as their cellular composition, with emphasis on cells and their specialization. Students will be taught the basic methods for preserving and studying human organs like histology and light microscopy. In laboratory practicals students will be taught the basic principles of light and electron microscopy and will learn to recognize and identify the different organs, from sections viewed through the light microscope. This is a supporting and preparatory subject for the course In Human Physiology. *tutorial					
Learning Outcomes	By the end of this course, the students should be able to: • Identify the main parts of the human body • Describe the structure of the cell • Describe the functions of the nucleus, the cytoplasm, the organs and the cell membrane in cells • Explain the process of division and reproduction • Explain the process and the result of the specialization of cells and tissues of the body • Describe the four basic tissues of the body (epithelial, supporting, muscular and nervous tissue) • Analyse the importance and function of each tissue separately and in combination with organ formation • Describe the body's specific and non-specific mechanisms of defense and immunobiology • Describe the composition and types of bones, types and conditions of joints and bones • Describe the muscles system • Describe the composition and function of the brain, spinal cord and peripheral nerves • Describe the structure and functions of the skin • Describe the components of the skin (glands, hair and nails) and their function • Describe the bones and joints of the human skeleton				

	• Describe its structure and function: • (a) Respiratory system • (b) Circulatory system • (c) Nervous system • (d) Sensory system • (e) Digestive system • (f) Urinary system • (g) Genital system • (h) Endocrine Gland System		
Prerequisites	-	Corequisites	-
Course Content	Basic knowledge on topology, morphology and anatomy of organs, systems and tissues of the human body. Cell types. Skeleton and bones, articulation, skeletal muscles, muscular system. Viscera, digestive, and urogenitary systems. Cardiovascular, endocrine and immune systems. Nervous system. Parts and areas of the body, guiding spots. Elements of Histology. Laboratory: Laboratory teaching relates and supports the theoretical content of the course. Students learn using a human skeleton model and human body torso models.		
Teaching Methodology	The teaching methodology includes lectures offering the theoretical background for a better perception of some concepts of Anatomy. Methods such as discussion, questions/answers and pros/cons, are used to enhance student's participation. Detailed notes with PowerPoint are used in the lesson. Teaching in the lab is performed with the aid of a human skeleton and artificial human models and body torso models.		
Bibliography	• Textbooks: • Principles of Anatomy and Physiology. Tortora, Gerard J. 16th ed. Willey, 2020. • Βασική Ανατομική με Κλινικό Προσανατολισμό, Δ Έκδοση, 2008, Κύριος Συγγραφέας: Β. Τσακρακλίδης, Εκδοτικός Οίκος: Βήτα Ιατρικές Εκδόσεις • Principles of Anatomy and Physiology. Tortora, Gerard J. 7th ed. Greek Publisher Ellin, 2006. • References: • Sobotta Atlas of Human Anatomy. 23rd ed, Greek Publisher Parisianos, 2017. • Ανατομία του ανθρωπίνου σώματος, Κύριος Συγγραφέας: Tortora, Gerard J. Έκδοση: Έβδομη έκδοση, 2006, Επιμέλεια: Γεώργιος Καραχάλιος, Εκδοτικός Οίκος: ΕΛΛΗΝ		
Assessment	Course work 40% (midterm 30%; lab 10%) Final Examinations 60%; The evaluation of the course is performed by (a) a written mid-term exam during the semester, which examines specific modules of the course and it		

	accounts for 30% of the overall grade, (b) the laboratory reports during the semester, it accounts for 10% of the overall grade, and (c) a written final exam, which examines all modules of the course, and it accounts for 60% of the overall grade. Students are prepared for the above written exams by discussion, questions/answers, pros/cons and problem solving, related to the field of anatomy, in the class, while additional problems are given to the students for further practice. The final assessment of the students is formative and summative and is assured to comply with the subject's expected learning outcomes and the quality of the course.
Language	Greek, English