

Course unit title:	Anatomy and Histology/Pathology		
Course unit code:	NUR101		
Type of course unit:	Compulsory		
Level of course unit:	Bachelor (1 st Cycle)		
Year of study:	1		
Semester when the unit is delivered:	1 (Fall)		
Number of ECTS credits allocated :	6		
Name of lecturer(s):	Alexis Samoutis		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Identify the major bones, muscles, blood vessels, nerves, joints and organs of the human body 2. Describe the internal and external-superficial anatomical structure of the human body 3. Define the rules and the logic for the name determination and the classification of anatomical, histological and cytological structures of the body 4. Explain the histology, pathology and anatomy of cells, tissues, organs and systems of the human body 5. Explain the relevance between the anatomical, histological and cytological structures of the body with the normal and abnormal clinical manifestation 		
Mode of delivery:	Face-to-face		
Prerequisites:	None	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<ul style="list-style-type: none"> • Introduction to the science of Anatomy and Histology/Pathology: The milestones in the history of Anatomy. The importance and the contribution in the advancement of health science • External anatomy: The main parts of the human body, the axes and the levels which is separated • Internal anatomy: Major bones, muscles, blood vessels, nerves, joints and organs • Histology/Pathology: Cell and tissue structure. The function of the nucleus, the cytoplasm, the organelles and the cell membrane. The process of cell division (mitosis and reduction), the growth and reproduction of autosomal and germ cells. Inheritance and carcinogenesis mechanisms. Cell and tissue specialization • Laboratory work: Demonstration and description of the human skeleton and the viscera the human body 		
Recommended and/or required reading:	None		
Textbooks:	<ol style="list-style-type: none"> 1. Sobotta, <i>Atlas of human anatomy</i>, 21st edition, Parisianos Publications, Athens 2017 2. B. Tsakraklidis, <i>Basic Anatomy with Clinical Guidance</i>, Fourth Edition, Beta Medical Publications, Athens 2008 		
References:	<ul style="list-style-type: none"> • Tortora, Gerard, <i>Anatomy of the human body</i>, Hellin Publications, Athens 2006 <ol style="list-style-type: none"> 1. 		

Planned learning activities and teaching methods:	<p>The taught part of course is delivered to the students by means of lectures, conducted with the help of computer presentations. Lecture notes and presentations are available through the web for students to use in combination with the textbooks.</p> <p>Lectures are supplemented with laboratory work. During laboratory sessions, students are demonstrated everything that were taught in the lecture sessions</p>
Assessment methods and criteria:	<ul style="list-style-type: none"> • Participation: 10% • Laboratory Work: 10% • Test: 30% • Final Exam: 50%
Language of instruction:	Greek
Work placement(s):	No