

Course unit title:	General Surgery		
Course unit code:	NUR202		
Type of course unit:	Compulsory		
Level of course unit:	Bachelor (1st Cycle)		
Year of study:	2		
Semester when the unit is delivered:	3 (Fall)		
Number of ECTS credits allocated :	5		
Name of lecturer(s):	Dr. George Charalambous		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Describe the contemporary diagnostic approach and treatment, the surgical patient as well as family training and rehabilitation, and explain the skills that are necessary to implement these. 2. Describe the pathophysiology of surgical diseases, the contemporary diagnostic and treatment methods used in surgery. 3. List the basic principles of surgery both on an outpatient basis but also in both the surgical ward and the operating theatre. 4. Explain the changes in anatomy and physiology that may occur as a result of a surgical procedure. 5. Demonstrate and discuss the anatomy, physiology and pathophysiology of the following issues: cardiovascular system, neurology, endocrine system, respiratory system, reproductive system, haematology and lymphatic system, shock syndrome, emergency conditions and sexually transmitted diseases. 6. Implement nursing procedures in the treatment of patients of all age groups with all types of surgical diseases. 7. Implement their knowledge in the management of acute and chronic surgical conditions, including hematologic, immunal and neurological disorders as well as pathologic conditions of the sensory organs. 		
Mode of delivery:	Face-to-face		
Prerequisites:	None	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<ol style="list-style-type: none"> 1. Introduction to Surgery: History of surgery, how surgery has developed through-out time 2. Medical History: medical history taking, patient diagnostic approach (personal history, family history, previous diseases) 3. Clinical Exam: clinical exam of head and neck, nose, ear pharynx, larynx, chest, heart, vascular system, breast and abdomen 4. Pathologic Conditions: pathologic conditions of the chest, heart, major vessels, breast, abdomen. Basic knowledge on the benign and malignant diseases of the breast, oesophagus, stomach, duodenum, colon, liver, biliary system and pancreas, their diagnostic approach and treatment. Causes, pathophysiology and treatment of the acute abdomen and gastrointestinal bleeding. Hernias. Basic knowledge of laparoscopic and endoscopic surgery. 5. Perioperative Treatment: Basic pathologic diseases of the urinary system of both children and adults, Body fluids and electrolytes, acid-base balance and associated disorders, malnutrition and parenteral nutrition, Shock syndrome and multi-organ failure syndrome, Perioperative management, healing, surgical infections, post-operative complications, pre-operative preparation, post-operative management, recognition and management of 		

	post-operative complications.
Recommended and/or required reading:	None
Textbooks:	Σύγχρονη Χειρουργική Διάγνωση και Θεραπεία. Doherty Gerard, 3η έκδοση. BROKEN HILL PUBLISHERS LTD (Ελληνική Μετάφραση 2017) 16 Zenas Kanther Princess De Tyras Str.Karantokis Building, 6th floor, apt 20,1065 Nicosia, Cyprus PO Box 27439,Lycavitos Post Office BO6, 1645 Nicosia
References:	<ul style="list-style-type: none"> • Hamilton Bailey Χειρουργική Σημειολογία. Lumley J. 1η έκδοση. BROKEN HILL PUBLISHERS LTD (Ελληνική Μετάφραση 2010) • A.P. Petrides, Textbook of Surgery. 5th Edition, Publishers: ION Group, 2004
Planned learning activities and teaching methods:	Teaching is delivered to the students by means of lectures, conducted with the help of computer presentations. Lecture notes are frequently handed out to students, in order to assist learning from the textbooks.
Assessment methods and criteria:	<ul style="list-style-type: none"> • Participation 10% • Test 40% • Final Exam 50%
Language of instruction:	Greek
Work placement(s):	No