V year (2nd semester) **VI year (1st semester)** **A.Y. 2017-2018**	Scientific Field	**GENERAL SURGERY**	TUTOR	ECTS
	MED/18	General Surgery I	Gentileschi Paolo	1
	MED/18	General Surgery I	Sica Giuseppe	1
	MED/18	General Surgery I	Tisone Giuseppe	1
	MED/18	General Surgery I	Buonomo Oreste	1
	MED/18	General Surgery I	Milito Giovanni	1
	MED/29	Maxillofacial Surgery	Calabrese Leonardo	1
SICA G. **COORDINATOR**	MED/18	General Surgery II	Sica Giuseppe	1
	MED/18	General Surgery II	Tisone Giuseppe	1
	MED/18	General Surgery II	Gentileschi Paolo	1
			TOT	9

PROGRAM **GENERAL SURGERY I** **5th year**	- SKIN AND SUBCUTANEOUS TISSUE: Anatomy, Pathology, Diagnostics, Clinics and treatment of benign and malignant lesions. Scarring processes. Principles of Sutures and flaps. - THE BREAST: Refresh on the Surgical Anatomy and Clinical Semeiotics. The Diagnostics, Clinics and Treatment of benign, inflammatory and malignant lesions. Reconstructive and Aesthetic Surgery. - THE TYROID GLAND, PARATYROID AND SALIVARY GLANDS: Refresh on the Surgical anatomy and Clinical semeiotics. Diagnostics Clinics and treatment of the benign pathology and malignant lesions. The MEN syndromes.

	- ANATOMY OF THE PERITONEUM: Diseases of the Peritoneum and Retroperitoneum. Surgery of peritoneal carcinomatosis and tumors of the peritoneum. Surgery of the retroperitoneal tumors. - ABDOMINAL PRIMARY HERNIA AND INCISIONAL HERNIA: Anatomy, semeiotics and surgical repair of umbilical, inguinal, femoral and Spigelian hernia. Incisional hernias and abdominal wall closure. - THE GASTROINTESTINAL SYSTEM: Anatomy, pathophysiology, clinical conditions, diagnostics and surgical treatment of the most common pathology (both inflammatory and tumors) of the Esophagus, Stomach, small and large bowel and the rectum

PROGRAM **GENERAL SURGERY II** **6th year**	- LIVER (G. Tisone) - GALLBLADDER AND EXTRAHEPATIC BILIARY SYSTEM (G. Tisone) - PANCREAS (G. Tisone) - SPLEEN (P. Gentileschi) - PERITONITIS AND INTRAABDOMINAL ABSCESSES - PITUITARY AND ADRENAL (P. Gentileschi) - THYROID AND PARATHYROID (P. Gentileschi) - MORBID OBESITY SURGERY (P. Gentileschi) - PEDIATRIC SURGERY - UROLOGY (END STAGE DISEASE AND TUMOURS) (G. Tisone) - GYNECOLOGY - PLASTIC AND RECONSTRUCTIVE SURGERY - MICROSURGERY

PROGRAM **PHYSICAL SYMPTOMATOLOGY**	- ENDOCRINE AND METABOLIC RESPONSES TO INJURY (P. Gentileschi) - FLUID ELECTROLYTES AND NUTRITIONAL SUPPORT (P. Gentileschi) - HEMOSTASIS - SHOCK - INFECTIONS - TRAUMA - SURGICAL ANATOMY AND CLINICAL SIGNS OF THE PATHOLOGY OF THE NECK, THEABDOMEN AND THE CHEST (P. Gentileschi) AND THE BREAST (O. Buonomo) - MANIFESTATIONS OF GASTROINTESTINAL DISEASES (G. Sica)

PROGRAM **SYSTEMATIC PATHOLOGY**	- BURNS - WOUND CARE AND WOUND HEALING - ONCOLOGY (GENERAL PRINCIPLES ONLY) - TRANSPLANTATION (GENERAL PRINCIPLES ONLY) - COMPLICATIONS - PHYSIOLOGIC MONITORING OF THE SURGICAL PATIENTS

EXAM COMMISSION	The Coordinator, full Professors of the disciplines, Professors of similar disciplines, Specialists of the subject, compose the exam Commission of the Integrated Course.

Sica Giuseppe, President
Gentileschi Paolo
Tisone Giuseppe
Buonomo Oreste
Milito Giovanni
Calabrese Leonardo

CONTACTS	

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PREREQUISITES: Previous knowledge and competence in the following subjects:
Human Anatomy 1, Human Anatomy 2, Histology and Embryology, Physiology and Pathophysiology, Clinical Symptomatology, General Pathology and Pathophysiology.

The specific learning outcomes of the program are coherent with the general provisions of the Bologna Process and the specific provisions of EC Directive 2005/36/EC. They lie within the European Qualifications Framework (Dublin Descriptors) as follows:

1. **Knowledge and Understanding**

- Assess the physiologic principles that govern the function of the main body systems and the alterations induced by functional and structural abnormalities.
- Describe the main aspects of general pathology and explain the physiopathologic mechanisms underlying the concept of benign and malignant disorders as well as reversible and irreversible cellular damage
- Demonstrate knowledge about the mechanism of cell cycle maintenance and regulation; the factors affecting it and their consequences.
- Understand the core principles of acute and chronic inflammation in relation to the molecular, systemic and clinical aspects.
- Relate the general principles, terminology, and modes of spread of disease to the study of Systemic Pathology and the ways in which pathology contributes to the understanding of patient presentation in a clinical setting
- Focus on each organ and describe the pathogenesis of the main disease.
- Correlate basic disease states studied at a cellular and gross anatomic level with the overt clinical signs and symptoms seen in those disorders.
- Learn to interpret appropriate laboratory and diagnostic studies.

2. **Applying Knowledge and Understanding**

- Apply the diagnostic procedure in pathology, through introduction of the differential diagnostic methods at the clinical level.
- Apply a basic understanding of histopathology and morbid anatomy to the examination of microscopic sections and gross specimens, respectively, displaying pathological processes.
- Provide a differential diagnosis based on specific clinical data, providing a comprehensive explanation of the underlying reasoning.
- Learn the practical aspects of the pathologic diagnostic instruments, when to use them and how to perform them.

3. **Making Judgements**

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper medical education.
- Identify the fundamental role of a proper theoretical knowledge of the subject in the clinical practice.

4. **Communication Skills**

- Present topics orally in an organized and consistent manner.
- Use of proper scientific language coherent with the topic of discussion.

5. **Learning Skills**

- Identify the possible use of the acknowledged skills in the future career.
- Assess the importance of the acquired knowledge in the overall medical education process.