

COURSE DESCRIPTION

Endocrine and Gastrointestinal Diseases

DEGREE PROGRAMME: MEDICINE AND SURGERY
ACADEMIC YEAR 2024/2025

GENERAL INFORMATION – TEACHER REFERENCES

COORDINATOR: Annamaria Colao
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Faculty	Position	Scientific Fields	Phone	Reception (day/time/building)	E-mail
Colao Annamaria	Full Professor	Endocrinology	2132	Monday/17:00-18:00/Bldg 1	colao@unina.it
De Palma Giovanni Domenico	Full Professor	General Surgery	2773	Tuesday/13:00-14:00/Bldg 6	giovanni.depalma@unina.it
Morisco Filomena	Full Professor	Gastroenterology	4746	Monday/14:30-16:30/Bldg 6	filomena.morisco@unina.it
Nardone Gerardo	Full Professor	Gastroenterology	4293	Wednesday/11:00-12:00/Bldg 6	nardone@unina.it
Troisi Roberto	Full Professor	General Surgery	2522	Tuesday /13:00-14:00/Bldg 6	roberto.troisi@unina.it
Castiglione Fabiana	Associate Professor	Gastroenterology	3849	Tuesday/12:00-13:00/Bldg 6	fabcasti@unina.it
Galloro Giuseppe	Associate Professor	General Surgery	2046	Tuesday/12:00-13:00/Bldg 6	giuseppe.galloro@unina.it
Pivonello Rosario	Full Professor	Endocrinology	4983	Wednesday/11:00-13:00/Bldg 1	rosario.pivonello@unina.it
Sarnelli Giovanni	Associate Professor	Gastroenterology	3488	Thursday/10:30-11:30/Bldg 6	sarnelli@unina.it

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Tecce Nicola	Assistant Professor	Endocrinology	3779	Monday/09:30-10:30/Bldg 1	nicola.tecce@unina.it
De Martino M. Cristina	Associate Professor	Endocrinology	2831	Wednesday/12:00-13:00/Bldg 1	mariacristina.demartino@unina.it
Muscogiuri Giovanna	Assistant Professor	Endocrinology	2135	Thursday/12:00-13:00/Bldg 1	giovanna.muscogiuri@unina.it
Montalti Roberto	Associate Professor	General Surgery	2732	Wednesday /17:00-18:00/Bldg 6	roberto.montalti@unina.it

GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: U1483 - Endocrine and Gastrointestinal diseases

MODULE: U1484 - Endocrinology, Gastroenterology, Surgery

CHANNEL: A-Z

YEAR OF THE DEGREE PROGRAMME: IV

PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER ICFU: 4

REQUIRED PRELIMINARY COURSES

General Pathophysiology; Medical, Surgical, Clinical Methodology

PREREQUISITES

None

LEARNING GOALS

Students should have basic understanding of the following:

- Relationships between Endocrine and Metabolic disorders, Nutrition and Gastrointestinal Diseases for clinical care and practice
- Methods of diagnosis and treatment of: Physiopathology of pituitary and neuroendocrine diseases, Physiopathology of thyroid, Physiopathology of parathyroids and phosphocalcic metabolism, Physiopathology of male and female gonads, Gender dysphoria, Gender medicine, Physiopathology of medullary and cortical adrenal gland, Physiopathology of obesity, metabolic diseases and diabetes, Physiopathology of upper and lower gastrointestinal tract, Physiopathology

of liver, biliary tract and Icterus Physiopathology of Pancreas Tumours of gastrointestinal tract Upper digestive tract bleeding, Lower digestive tract bleeding, Surgical treatment of endocrinediseases, Surgical treatment of gastrointestinal diseases.

- Professional Clinical Activities in Endocrinology and in Gastroenterology

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

1. Understand physiology and pathophysiology of Endocrine and Gastrointestinal diseases
2. History and physical examination of Endocrine and Gastrointestinal systems
3. Detection and interpretation of Endocrine and Gastrointestinal symptoms
4. Selection and interpretation of Endocrine and Gastrointestinal biochemical tests
5. Selection and interpretation of imaging procedures for the diagnosis of Endocrine and Gastrointestinal diseases
6. Developing skills in common Endocrine and Gastrointestinal procedures and dynamic testing

Applying knowledge and understanding

Selection and understanding of the most appropriate management of Endocrine and Gastrointestinal disorders such as observation only, pharmacotherapy, surgery, treatment withradioisotopes and radiation therapy.

COURSE CONTENT/SYLLABUS

The contents of the Integrated Course include the following topics:

Physiology and pathophysiology of Endocrine and Gastrointestinal diseases

Clinical history and physical examination of Endocrine and Gastrointestinal systems

Detection and interpretation of Endocrine and Gastrointestinal symptoms

Selection and interpretation of Endocrine and Gastrointestinal biochemical tests.

Selection and interpretation of imaging procedures for the diagnosis of Endocrine and Gastrointestinal diseases

Developing skills in common Endocrine and Gastrointestinal procedures and dynamic testing

Selection and understanding of the most appropriate management of Endocrine and Gastrointestinal disorders such as observation only, pharmacotherapy, surgery, treatment with radioisotopes and radiation therapy.

General principles of gastrointestinal and endocrine surgery

Week	Date	Time	Lessons/Seminars	Teachers
1°	Mon 30/09/2024	15.00-16.40	Dysphagia, reflux and pyrosis	Sarnelli
	Tue 01/10/2024	15.00-16.40	Hyperacidity and epigastric pain	Sarnelli
	Wed 02/10/2024	15.00-16.40	Anemia, nausea and weight loss	Nardone
	Thu 03/10/2024	15.00-16.40	Acute Abdomen	Montalti
	Fri 04/10/2024	13.00-13.50	Seminar: functional vs organic disease	Nardone
2°	Mon 7/10/2024	15.00-16.40	Hyperamylasemia and pain	Galloro
	Tue 08/10/2024	15.00-16.40	Rectorrhagia/Diarrhea and weight loss	Castiglione
	Wed 09/10/2024	15.00-16.40	Hematemesis and melena	Galloro
	Thu 10/10/2024	15.00-16.40	Hypertransaminasemia	Morisco
	Fri 11/10/2024	13.00-13.50	Seminar: Chronic Aneamia	Castiglione
3°	Mon 14/10/2024	15.00-16.40	Ascite	Nardone
	Tue 15/10/2024	15.00-16.40	Jaundice	Troisi
	Wed 16/10/2024	15.00-16.40	Liver steatosis	Morisco
	Thu 17/10/2024	15.00-16.40	Microbioma	Sarnelli
	Fri 18/10/2024	13.00-13.50	Seminar: Metabolic pathology	Morisco
4°	Mon 21/10/2024	15.00-16.40	Hypercortisolism Adrenal tumors	De Martino

	Tue 22/10/2024	15.00-16.40	Pituitary hyperfunction	Colao
	Wed 23/10/2024	15.00-16.40	Hypopituitarism Gender medicine	Colao
	Thu 24/10/2024	15.00-16.40	Endocrine obesity	Tecce
	Fri 25/10/2024	13.00-13.50	Bariatric surgery	Tecce/De Palma
5°	Mon 28/10/2024	15.00-16.40	Neuroendocrine tumors	De Martino
	Tue 29/10/2024	15.00-16.40	Hyperthyroidism Hypothyroidism	Muscogiuri
	Wed 30/10/2024	15.00-16.40	Autoimmune polyendocrine syndrome	Muscogiuri
	Thue 31/10/2024	13.00-13.50	Thyroid nodules	De Martino
6°	Mon 04/11/2024	15.00-16.40	Rare endocrine diseases	Tecce
	Tue 05/11/2024	15.00-16.40	Classification and diagnosis of diabetes	Muscogiuri
	Wed 06/11/2024	15.00-16.40	Clinical management of diabetes and chronic complications	Muscogiuri
	Thu 07/11/2024	15.00-16.40	Gonadal diseases Female infertility	Pivonello R
	Fri 08/11/2024	13.00-13.50	Male infertility Gender dysphoria	Pivonello R

READINGS/BIBLIOGRAPHY

- Teaching support slides
- Williams Textbook of Endocrinology, 13th Edition
- Harrison's Principles of Internal Medicine 20th Edition
- Sleisenger and Fordtran's Gastrointestinal and Liver Disease- 2 Volume Set: Pathophysiology, Diagnosis, - Management (Gastrointestinal & Liver Disease (Sleisenger/Fordtran)) 10th Edition
- Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice 20th Edition

TEACHING METHODS OF THE COURSE (OR MODULE)

Lectures (80%), seminars (20%)

EXAMINATION/EVALUATION CRITERIA

Exam type:

For *integrated courses*, there should be one exam.

Exam type	
written and oral	
only written	
only oral	x
project discussion	
other	

Evaluation pattern:

The oral exam consists in 2 questions for each module. The final mark will be weighted on the mean of each.