

COURSE DESCRIPTION

Endocrine and Gastrointestinal Diseases

DEGREE PROGRAMME: MEDICINE AND SURGERY
ACADEMIC YEAR 2026/2027

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
Troisi Roberto	Full Professor	General Surgery	2522	Tuesday 13:00-14:00 Bldg 6	roberto.troisi@unina.it
Pivonello Rosario	Full Professor	Endocrinology	4983	Wednesday 11.00-13.00 Ed.1	rosario.pivonello@unina.it
Rispo Antonio	Associate Professor	Gastroenterology	4270	Thursday 11:00-13:00 Bldg 6	antonio.rispo2@unina.it
Rocco Alba	Associate Professor	Gastroenterology	2588	Wednesday 11:00-13:00 Bldg 6	a.rocco@unina.it
Galloro Giuseppe	Associate Professor	General Surgery	2046	Tuesday 12:00-13:00 Bldg 6	giuseppe.galloro@unina.it
Masone Stefania	Associate Professor	General Surgery	2773	Monday 15.00-16.00 Bldg. 7	stefania.masone@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 I CFU: 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 endocrine diseases, 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 with radioisotopes 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°	Tue 29/09/2026	13.00-15.00	Esophageal diseases	Rispo
	Wed 30/09/2026	15.00-17.00	Gastric diseases	Rocco
	Wed 30/09/2026	17.00-18.00	Malabsorption	Rispo
	Thu 01/10/2026	13.00-14.00	Celiac disease	Rispo
	Thu 01/10/2026	14.00-16.00	Acute Abdomen	Galloro
2°	Tue 06/10/2026	13.00-15.00	Hyperamylasemia and pain	Masone
	Wed 07/10/2026	15.00-17.00	Inflammatory bowel diseases	Rispo
	Wed 07/10/2026	17.00-18.00	Seminar: functional vs organic disease	Rocco
	Thu 08/10/2026	13.00-15.00	Hematemesis and melena	Galloro
	Thu 08/10/2026	15.00-16.00	Seminar: Diverticular disease	Rispo
3°	Tue 13/10/2026	13.00-15.00	Hypertransaminasemia	Rocco
	Wed 14/10/2026	15.00-17.00	Liver cirrhosis	Rocco
	Wed 14/10/2026	17.00-18.00	Upper gastrointestinal cancers	Rocco
	Thu 15/10/2026	13.00-14.00	Upper gastrointestinal cancers	Rocco
	Thu 15/10/2026	14.00-16.00	Lower gastrointestinal cancers	Rispo
4°	Tue 20/10/2026	13.00-15.00	Jaundice	Masone
	Wed 21/10/2026	15.00-16.00	Seminar: Diarrhea	Rispo
	Wed 21/10/2026	16.00-18.00	Hypercortisolism Adrenal tumors	Pivonello
	Thu 22/10/2026	13.00-15.00	Pituitary hyperfunction	Pivonello

	Thu 22/10/2026	15.00-16.00	Bariatric surgery	Colao/Galloro
5°	Tue 27/10/2026	13.00-15.00	Hypopituitarism	Pivonello
	Wed 28/10/2026	15.00-17.00	Endocrine obesity	Colao
	Wed 28/10/2026	17.00-18.00	Rare endocrine diseases	Pivonello
	Thu 29/10/2026	13.00-15.00	Neuroendocrine tumors	Colao
	Thu 29/10/2026	15.00-16.00	Hyperthyroidism	Pivonello
6°	Tue 03/11/2026	13.00-15.00	Thyroid nodules	Pivonello
	Wed 04/11/2026	15.00-16.00	Hypothyroidism	Pivonello
	Wed 04/11/2026	16.00-18.00	Autoimmune polyendocrine syndrome	Pivonello
	Thu 05/11/2026	13.00-15.00	Gonadal diseases Female infertility	Pivonello
	Thu 05/11/2026	15.00-16.00	Male infertility Gender dysphoria	Pivonello
7°	Tue 10/11/2026	13.00-15.00	Classification and diagnosis of diabetes	Pivonello
	Wed 11/11/2026	15.00-17.00	Clinical management of diabetes and chronic complications	Pivonello
	Wed 11/11/2026	17.00-18.00	Gender medicine	Colao

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.