

General Information	Studies in NUTRITION SCIENCE FOR HUMAN HEALTH
Title of the subject	Gastroenterology
Degree Course (class)	Nutrition Science for Human Health
ECTS credits	3
Compulsory attendance	No
Language	Italian

Subject Teacher		
Name and Surname	Michele Barone	
email address	michele.barone@uniba.it	
Place and time of reception	Policlinic Hospital - P.zza G. Cesare 11 – D'Agostino build. From Monday to Friday by appointment	
ECTS credits details	Discipline sector (SSD)	Area
	Gastroenterology (MED/12)	Affine

Study plan schedule	Year of study plan		Semester	
	second		first	
Time management	Lessons	Laboratory	Exercises	Total
CFU	3			3
Total hours	24			24
In-class study hours				
Out-of-class study hours	51			51

Syllabus	
Prerequisites / Requirements	Basic knowledge of Physiology, Biochemistry, Nutrigenomics.
Expected learning outcomes (according to Dublin descriptors)	
<i>Knowledge and understanding</i>	<ul style="list-style-type: none"> - Epidemiological and clinical knowledge of the main diseases of the digestive system. - Knowledge of the connections between nutrition and risk of development of gastrointestinal diseases.
<i>Applying knowledge</i>	<ul style="list-style-type: none"> - Knowledge of the pathologies of the digestive system in order to interpret the nutritional deficiencies that are established.
<i>Making informed judgments and choices</i>	<ul style="list-style-type: none"> - Evaluate the possible ethical implications of research and studies related to the topics covered. - In-depth study and discussion of social, ethical and psychological issues related to human nutrition problems.
<i>Communicating knowledge</i>	<ul style="list-style-type: none"> - Adequate development of the ability to communicate the conclusions and the underlying knowledge and reasoning related to the topics covered in the course.
<i>Capacities to continue learning</i>	<ul style="list-style-type: none"> - Improve the ability to learn from highly complex technical-scientific texts, monographs, scientific periodicals, computer tools and databases in the pathophysiological and nutritional field.
Study Program	

Content	<ul style="list-style-type: none"> • Esophagus <ul style="list-style-type: none"> - Swallowing disorders (dysphagia) - Achalasia - Diffuse esophageal spasm - Hiatal hernia - Gastroesophageal reflux disease - Barrett's Esophagus - Esophagitis • Gastroduodenal pathologies <ul style="list-style-type: none"> - Vomiting - Gastritis - Peptic Disease - Dyspepsia - Zollinger Ellison Sindrom • Pancreatic diseases <ul style="list-style-type: none"> - Acute Pancreatitis - Chronic Pancreatitis • Hepatobiliary pathologies <ul style="list-style-type: none"> - Ytterus - Cholestasis - Ascites - Acute and chronic viral hepatitis - Autoimmune hepatitis - Steatohepatitis - Drug-induced liver disease - Congenital liver diseases - Liver cirrhosis - Systemic port encephalopathy - Primitive sclerosing cholangitis • Bowel pathologies <ul style="list-style-type: none"> - Constipation - Diarrhea - Malabsorption - Celiac disease - Food Intolerances - Chronic inflammatory bowel disease - Irritable Bowel Syndrome
Bibliography and textbooks	- "Manuale di Gastroenterologia" UNIGASTRO; Casa Editrice UTET.
Notes to textbooks	
Teaching methods	- Lectures and practical exercises
Assessment methods	- Written or oral test
Evaluation criteria	<ul style="list-style-type: none"> - Evaluation of the ability to present the knowledge of the course content in a clear and appropriate language. - Evaluation of the ability to grasp the key elements of the various topics and to use the information learned by making appropriate correlations for the understanding of the questions asked and for the management of the answers.
Further information	