### IV year a.y. 2017-2018

<table>
<thead>
<tr>
<th>Scientific Field</th>
<th>DISCIPLINE</th>
<th>TUTOR</th>
<th>CFU</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED/12</td>
<td>Gastroenterology &amp; Hepatology</td>
<td>Angelico Mario</td>
<td>1</td>
</tr>
<tr>
<td>MED/12</td>
<td>Gastroenterology &amp; Hepatology</td>
<td>Baiocchi Leonardo</td>
<td>1</td>
</tr>
<tr>
<td>MED/12</td>
<td>Gastroenterology &amp; Hepatology</td>
<td>Massimo Claudio Fantini</td>
<td>1</td>
</tr>
<tr>
<td>MED/13</td>
<td>Endocrinology &amp; MedSexology (ENDOSEX)</td>
<td>Jannini Emmanuele A.</td>
<td>1</td>
</tr>
<tr>
<td>MED/13</td>
<td>Endocrinology &amp; MedSexology (ENDOSEX)</td>
<td>Lauro Davide</td>
<td>1</td>
</tr>
<tr>
<td>MED/13</td>
<td>Endocrinology &amp; MedSexology (ENDOSEX)</td>
<td>Frontoni Simona</td>
<td>1</td>
</tr>
<tr>
<td>MED/14</td>
<td>Nephrology</td>
<td>Manca di Villahermosa Simone</td>
<td>1</td>
</tr>
<tr>
<td>MED/14</td>
<td>Nephrology</td>
<td>Tozzo Carmela</td>
<td>1</td>
</tr>
<tr>
<td>MED/24</td>
<td>Urology</td>
<td>Di Stasi Savino Mauro</td>
<td>1</td>
</tr>
<tr>
<td>MED/24</td>
<td>Urology</td>
<td>Miano Roberto</td>
<td>1</td>
</tr>
<tr>
<td>MED/18</td>
<td>General Surgery</td>
<td>Manzia Tommaso Maria</td>
<td>1</td>
</tr>
<tr>
<td>MED/49</td>
<td>Applied Dietetic Techniques Sciences</td>
<td>Di Renzo Laura</td>
<td>1</td>
</tr>
</tbody>
</table>

### COORDINATOR

| MED/14           | Nephrology                                      | Manca di Villahermosa Simone       | 1   |
| MED/24           | Urology                                         | Di Stasi Savino Mauro              | 1   |
| MED/24           | Urology                                         | Miano Roberto                      | 1   |
| MED/18           | General Surgery                                 | Manzia Tommaso Maria               | 1   |
| MED/49           | Applied Dietetic Techniques Sciences            | Di Renzo Laura                     | 1   |

### SPECIFIC AIMS

To achieve a systematic knowledge of the most relevant diseases affecting the different systems, from the nosographic, etiological, pathophysiological and clinical point of view, in the context of a unified and global vision of human pathology. To acquire the ability to critically evaluate and correlate clinical symptoms, physical signs and functional abnormalities with anatomo-pathological lesions.

**GENERAL OBJECTIVES:**

A) Knowledge of the nosographic framework and the clinical presentation  
B) Knowledge of the essential pathogenetic steps  
C) Knowledge of the natural history of the disease and major complications  
D) Ability to diagnose the individual pathological conditions  
E) Knowledge of the principles of pathophysiology and therapy  
F) Ability to provide first-level medical assistance  
G) Ability to perform common medications  
H) Ability to critically read a scientific paper and understand the basic principles to plan a clinical research protocol.
**PROGRAM**

**Pathophysiology; clinical and etiological classification, the key pathogenetic steps, clinical presentations and complications of individual diseases. Understanding the diagnostic procedures of the following diseases: autoimmune and viral chronic hepatitis, alcohol–induced liver damage, non-alcoholic-fatty-liver disease (NAFLD), hemochromatosis, Wilson disease, liver cirrhosis, hepatocellular carcinoma (HCC), gallstone disease, acute and chronic cholestaticis, acute and chronic pancreatitis, acid-related upper GI tract diseases, drug-induced gastric disease, functional diseases of the GI tract, diverticular disease, celiac disease and malabsorption syndromes, pre-neoplastic and neoplastic diseases of GI tract, inflammatory bowel diseases.**

**GASTROENTEROLOGY & HEPATOLOGY**

**TOPICS**

Autoimmune and viral chronic hepatitis, alcohol–induced liver damage, non-alcoholic-fatty-liver disease (NAFLD), hemochromatosis, Wilson disease, liver cirrhosis, hepatocellular carcinoma (HCC), gallstone disease, acute and chronic cholestaticis, acute and chronic pancreatitis, acid-related upper GI tract diseases, drug-induced gastric disease, functional diseases of the GI tract, diverticular disease, celiac disease and malabsorption syndromes, pre-neoplastic and neoplastic diseases of GI tract, inflammatory bowel diseases.

---

**PROGRAM**

In agreement with the Educational goals (G.U. No. 155 of July 9, 2007 - DM 16 March 2007) of the Courses in medicine and surgery - LM-41, at the end of the course to student shall have acquired: <<the knowledge of the pathophysiological, clinical and psychological aspects of (...) sexuality and its dysfunctions in terms of medical sexology>>, and the ability to recognize and manage the major endocrine and metabolic diseases, identifying the conditions that need the professional specialist.

**ENDOCRINOLOGY & MEDICAL SEXOLOGY (ENDOSEX)**

**TOPICS**

<table>
<thead>
<tr>
<th><strong>PROGRAM</strong></th>
<th><strong>UROLOGY</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOPICS</strong></td>
<td>To reach specific knowledge of the pathophysiology and the clinical pictures of the main urological diseases. To overview the most updated surgical and medical urological therapies. To learn how to approach the urological patients and perform basic outpatient procedures.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PROGRAM</strong></th>
<th><strong>NEPHROLOGY</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>PROGRAM</strong></th>
<th><strong>GENERAL SURGERY</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOPICS</strong></td>
<td>Introduction to surgery. Know the general criteria: pre-operative assessment of patients and major post-operative complications; Principles of clinical diagnostics, principles of diagnostic imaging; shock and general surgery techniques; the treatment of surgical wounds; anatomical and pathophysiological bases of pathology of abdominal wall; General information on liver transplantation, kidney, pancreas.</td>
</tr>
</tbody>
</table>
### TOPICS
- Preoperative evaluation of the surgical patients; Principles of clinical diagnostics, principles of diagnostic imaging. Post-operative complications.
- Inguinal hernia, umbilical hernia, incisional hernia, hemorrhagic shock, acute abdomen. Benign and malignant tumors of the liver and biliary tract (etiology, signs and symptoms, diagnosis and treatment). Benign and malignant tumors of the pancreas (etiology, signs and symptoms, diagnosis and treatment).
- Gallbladder and bile duct stones (etiology, signs and symptoms, diagnosis and treatment). Acute and chronic pancreatitis (etiology, signs and symptoms, diagnosis and treatment).
- Principles of pancreas transplantation.

### PROGRAM
- To know the techniques and methods of semiotics and to define the state of health and risk of disease, according to the nutritional status.
- To know the indicators of nutritional risk predictors of disease. To know the role of diet in the prevention of chronic degenerative diseases.
- To know the principles of artificial nutrition: enteral and parenteral nutrition. To know the principles of nutrigenetics and nutrigenomics.

### APPL TECH DIET SC

### TOPICS
TEXTBOOKS

**Gastroenterology & Hepatology**: Harrison's "Principles of Internal Medicine".

**Endocrinology & Med Sexology**: from the Merk Manual, professional edition (free download). For each, see related links:


**Diet Sci Tech**: Didactic material will be provide to the student.

**Nephrology**: Harrison’s “Principles of Internal Medicine” (Mother book). Harrison’s “Nephrology” and “Acid Base Disorder”.


**General Surgery**: Class Notes (Slides and notes collected during classrooms). Text Book of Surgery, XIX edition, Author: Sabiston, Editor: Elsevier-Saunders

---

EXAM METHOD

Oral exam takes place in every session scheduled by the CCL. The exam Commission is normally composed of one lecturer for each main subject area present in the Integrated Course. There are no practical exams.
The exam Commission of the Integrated Course is composed by the Coordinator, full Professors of the disciplines, Professors of similar disciplines, Specialists of the subject.

Angelico Mario
Baiocchi Leonardo
Massimo Claudio Fantini
Lenci Ilaria
Onali Sara
Lauro Davide
Jannini Emmanuele A.
Frontoni Simona
Manca di Villahermosa Simone
Tozzo Carmela
Di Stasi Savino Mauro
Miano Roberto
Manzia Tommaso Maria
Di Renzo Laura
<table>
<thead>
<tr>
<th>CONTACTS</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angelico Mario</td>
<td><a href="mailto:angelico@med.uniroma2.it">angelico@med.uniroma2.it</a></td>
<td>06 72596801</td>
</tr>
<tr>
<td>Baiocchi Leonardo</td>
<td><a href="mailto:baiocchi@med.uniroma2.it">baiocchi@med.uniroma2.it</a></td>
<td>06 72596801</td>
</tr>
<tr>
<td>Massimo Claudio Fantini</td>
<td><a href="mailto:m.fantini@med.uniroma2.it">m.fantini@med.uniroma2.it</a></td>
<td>06 20906150</td>
</tr>
<tr>
<td>Lauro Davide</td>
<td><a href="mailto:d.lauro@med.uniroma2.it">d.lauro@med.uniroma2.it</a></td>
<td>06 20904666</td>
</tr>
<tr>
<td>Jannini Emmanuele A.</td>
<td><a href="mailto:emmanuele.jannini@uniroma2.it">emmanuele.jannini@uniroma2.it</a></td>
<td>06 72596613</td>
</tr>
<tr>
<td>Frontoni Simona</td>
<td><a href="mailto:frontoni@uniroma2.it">frontoni@uniroma2.it</a></td>
<td>06 6837884</td>
</tr>
<tr>
<td>Manca di Villahermosa Simone</td>
<td><a href="mailto:mncsmn00@med.uniroma2.it">mncsmn00@med.uniroma2.it</a></td>
<td>06 20902191</td>
</tr>
<tr>
<td>Tozzo Carmela</td>
<td><a href="mailto:tozzo@med.uniroma2.it">tozzo@med.uniroma2.it</a></td>
<td>06 20902184</td>
</tr>
<tr>
<td>Di Stasi Savino Mauro</td>
<td><a href="mailto:sdistas@tin.it">sdistas@tin.it</a></td>
<td>06 23188317</td>
</tr>
<tr>
<td>Miano Roberto</td>
<td><a href="mailto:mianor@virgilio.it">mianor@virgilio.it</a></td>
<td>06 20900599</td>
</tr>
<tr>
<td>Manzia Tommaso Maria</td>
<td><a href="mailto:tomanzia@libero.it">tomanzia@libero.it</a></td>
<td>0620902498</td>
</tr>
<tr>
<td>Di Renzo Laura</td>
<td><a href="mailto:laura.di.renzo@uniroma2.it">laura.di.renzo@uniroma2.it</a></td>
<td>06 7259 6855</td>
</tr>
</tbody>
</table>