This course is scheduled for the first semester of the academic year , and it is accredited for 10 credit hours including the theoretical and practical parts.

**Objectives :**

At the end of the course students should

**1**.To formulate full medical history and physical examination , by learning the elemental parts of medical history and handle how to formulate it , learning the basic techniques for physical examination of the different systems.

**2**.Be able to interpret  the medical history and the findings of  physical examination to provide provisional or differential diagnoses.

**THEORETICAL PART:**

There are three lectures per week covering all the general medicine aspect such as cardiology, rheumatology, pulmonology, endocrinology, nephrology, gastroenterology, hematology/oncology, infectious diseases and neurology , given over 84 lectures during 28 weeks.

CLINICAL BEDSIDE TEACHING:

There are two clinical sessions per week.

The teaching consists mainly of - History taking

-  Basic technique of different system examinations

- Definition and identification of physical sings.

**Assessment of the students:**

CONTINUOUS ASSESSMENT  EXAM:(40%)

- At the end of the first half of the course students will be evaluated by  Written Exam (20%) and Clinical – Long Case Exam (20%).

FINAL EXAMINATION:(60%)

-   After 28 weeks of teaching all students will be assessed again by written exam (30%) and clinical – long case exam (30%).

**Detailed timeline of the course:**

**In chronological order from first week**

3 weeks lectures on cardiology

3 weeks lectures on pulmonology

3 weeks lectures on gastroenterology

2 weeks for nephrology

3 weeks lectures on endocrinology

3 weeks lectures on neurology

3 weeks lectures on rheumatology

3 weeks lectures on hematology / oncology

One week for cardiology physical examination

One week for chest physical examination

One week for abdomen physical examination

One week for joint examination

One week for neurology examination

**Sample questions :**

*A 3-year-old boy comes to ER with his father who is very anxious, because the child has just fainted and had seizures. “His face was blue and I thought that he would die! I did the mouth to mouth resuscitation”. The boy became very angry after a conflict with his little brother who is 1 years old, he screamed and screamed after which he suddenly stopped breathing, fell to the floor and started twitching in arms and legs, he was grey-blue in the face. After a short period of time he woke up and was completely normal. When examining you find him normally developed, with no symptoms at all. The situation fits best with the following:*

Disorder of the heart rhythm

Temporal lobe epilepsy

Fever seizures

Breath holding spells

Benign epilepsy of children

*What symptoms are the most common in the case of endometriosis?*

Dyphagia, dysmenorréa, ovulation pain

Dyspepsia, dysmenorréa, melena

Dyspareunia, dysmenorréa, infertility

Dyspareunia, dysmenorréa, dysesthesia

*What of the following combination* of lab parameters can you see in the cases of hypertonic dehydration?

Na 152, K 3,0, Cl 120, BE +10

Na 128, K 5,5, Cl 120, BE –10

Na 128, K 5,5, Cl 120, BE +10

Na 152, K 3,0, Cl 120, BE –10

|  |
| --- |
|  |
|  |
|  |
|  |

**References:**

o Harrison's Principles of Internal Medicine, 17th Edition (Harrison's Principles of Internal Medicine (Single Vol.)) by Anthony S. Fauci, Eugene Braunwald, Dennis L. Kasper, and Stephen L. Hauser (2008)

o   Kumar and Clark Clinical Medicine by Parveen Kumar and Michael Clark (2005).

o   Davidson's Principles and Practice of Medicine: With STUDENT CONSULT Online Access by Nicholas A. Boon, Nicki R. Colledge, Brian R. Walker, and John A. A. Hunter

Clinical Examination: A Systematic Guide to Physical Diagnosis (Paperback)  by Nicholas J. Talley (Author), Simon O'Connor (Author).

**Important links:**

**Physical Exam Study Guides:**<http://medinfo.ufl.edu/year1/bcs/clist/>

**Clinical Skills Online (CSO):**  <http://www.youtube.com/sgulcso>

**Fitzpatrick's Color Atlas & Synopsis of Clinical Dermatology, 5th Edition**