

Información del Plan Docente

Academic Year 2016/17

Academic center 229 - Facultad de Ciencias de la Salud y del Deporte

Degree 441 - Degree in Human Nutrition and Dietetics

ECTS 6.0 Course 2

Period Half-yearly

Subject Type Compulsory

Module ---

- 1.Basic info
- 1.1.Recommendations to take this course
- 1.2. Activities and key dates for the course
- 2.Initiation
- 2.1.Learning outcomes that define the subject
- 2.2.Introduction
- 3.Context and competences
- 3.1.Goals
- 3.2. Context and meaning of the subject in the degree
- 3.3.Competences
- 3.4.Importance of learning outcomes
- 4.Evaluation
- 5.Activities and resources
- 5.1.General methodological presentation
- 5.2.Learning activities
- 5.3.Program

PHYSIOPATHOLOGY.

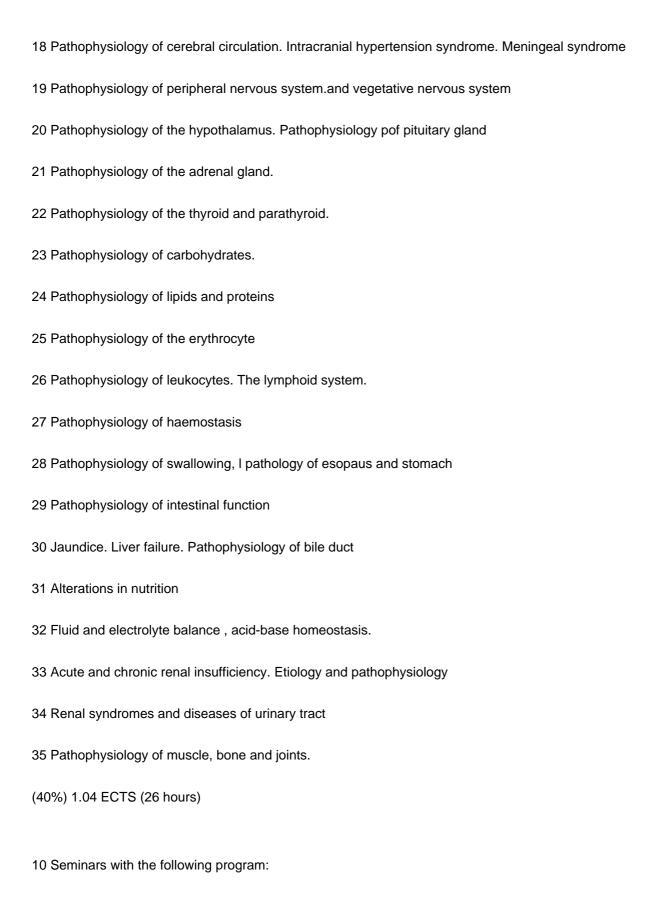


The program offers to the student to achieve the expected results includes the following activities:

45% face-to-face instruction 2.70 ECTS (67,50 hours): (50%) 1.40 ECTS (35 hours) 35 lectures with the following program:

- 1 Introduction to pathology: concept of disease. General etiology of diseases
- 2 Pathophysiology of diseases triggered by environmental causes
- 3 Pathophysiology of immune response
- 4 General study of pathological inheritance. Concept of molecular diseases
- 5 Neoplasms. Concept, etiology and biological characteristics
- 6 Pathophysiology of the inflammatory response.
- 7 Thermoregulation. Febrile syndrom. Fever of unknown origin
- 8. Pathophysiology of cardiac contraction. Pathophysiology of cardiac output. Heart failure
- 9 Valvular disorders and arrhythmia
- 10 Pathophysiology of the coronary circulation. Coronary insufficiency.
- 11 Pathophysiology of blood pressure regulation. Arterial hypotension. High blood pressure.
- 12 Protective mechanisms of respiratory tract. Respiratory failure.
- 13 Main symptoms of the respiratory system
- 14 Pulmonary syndromes. Pleura. Mediastinum.
- 15 Pathophysiology of the motor unit and the sensitivity.
- 16 Pathophysiology of the spinal cord, Brainstem and cerebellum.
- 17 Physiopathology of the cerebral cortex and the extrapyramidal system.







1 Fever
2. Loss of weight.
3 Dyspnea
4. Chest pain.
5 Cough, expectorating cough, hemoptysis.
6 Headache.
7 Melena, rectal bleeding
8. Jaundice.
9 Polyuria
10 Edema, ankle swelling
5 Workshops with the following program
1. Clinical history
2. General examination of the patient
3. Digital ring. Sources of information on human pathology.
4 Medical images medical. Signs of disease.
5. Basic analytic interpretation
Tutorials: A teacher will be the guardian of the students of the group which has assigned
5.4.Planning and scheduling

5.5.Bibliography and recomended resources