

26712 - Semiotics and basic principles of physiopathology

Información del Plan Docente

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| Academic Year | 2017/18 |
| Faculty / School | 104 - Facultad de Medicina 229 - Facultad de Ciencias de la Salud y del Deporte |
| Degree | 304 - Degree in Medicine 305 - Degree in Medicine |
| ECTS | 6.0 |
| Year | 2 |
| Semester | Second semester |
| Subject Type | Compulsory |
| Module | --- |

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

The learning process that has been designed for this subject is based on the following:

The Matter is structured in 30 theoretical sessions of 1 hour each and

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30 teaching sessions to small groups of 1 hour each.

Also the teaching of the subject must include 80.5 hours of non-face-to-face teaching.

The content of the theoretical classes will be based on a bibliography previously recommended and adapted to the level of knowledge of the student.

5.2.Learning tasks

The program offered to the student to help achieve the expected results includes the following activities ...

Teaching in person 45% 2.70 ECTS (67,50 hours)

I: Large groups: 1.22 ECTS (30.5 hours) 30 theoretical classes

II: Small groups: 1.22 ECTS (30.5 hours) 14 Workshops

III. Seminars

"Every student who performs practical activities in which personal data or the patient's medical history are handled, is obliged to keep the confidentiality of the same"

IV Tutorials: Each teacher will tutor the students of the seminar group assigned to them.

V: Non-face-to-face teaching 55% 3,30 ECTS (82,50 hours)

It is the autonomous work of the student dedicated to the study and preparation of practical cases for his presentation.

5.3.Syllabus

**The program that the student is offered to help you achieve the expected results
It includes the following activities ...**

face teaching 45% 2,70 ECTS (67.50 hours)

Large groups (45%) 1,22 ECTS (30.5 hours) 29 lectures with the following program

1.
 - 1.Introduction to Pathology: General Etiology
 2. Nutrition disorders: Obesity, malnutrition, vitamin deficiencies
 3. General malignant syndrome and paraneoplastic syndrome
- 2.

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Circulatory system

4. Heart Failure
5. Coronary insufficiency
6. Hypertension and hypotension

3. Respiratory Syndromes
 7. Respiratory failure
 8. Main syndromes bronchopulmonary
 9. Pleural Syndromes
4. Nervous system
 10. Motors syndromes
 11. Sensitive Syndromes
 - 12.- Brain Syndromes
 - 13.-Cerebellar and extrapyramidal syndromes
 14. Pathophysiology of cerebral circulation, meningeal syndrome and intracranial hypertension syndrome
5. Digestive system
 - 15.- Esophageal and gastric syndromes
6.
 16. Maldigestion and malabsorption syndromes
 - 17.- Jaundice and liver failure
 - 18.-Portal hypertension
7. Endocrinology and Metabolism
 19. Pathophysiology of acid-base balance
 20. Pathophysiology of metabolism hidrosalin
 21. Pathophysiology of carbohydrate metabolism
 22. Pathophysiology of lipid metabolism
 23. Pathophysiology of metabolism of proteins and purines
 - 24.- Thyroid and Parathyroid syndromes
 - 25.- Adrenal syndromes
8. Hematology
 - 26.- General anemic syndrome. Poliglobulias
 - 27.- Pathology of hemostasis
9. Nephrology
 28. Acute and Chronic renal failure
 - 29.- Nephritic and nephrotic syndromes. Interstitial tubule syndromes
10. Bases of interpretation of the E.C.G. Main alterations.

face teaching 45% 2,70 ECTS (67.50 hours)

Small groups (45%) 1,22 ECTS (30.5 hours)

14 Workshops with the following program

1. Fever
2. Weight Loss
3. Heart murmur

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4. Dyspnea
5. Chest Pain
6. Cough, expectoration, hemoptysis
7. Decreased level of consciousness
8. Headache
9. Gastrointestinal bleeding (Melena)
10. Jaundice
11. Ascites Syndrome
12. Lymphadenopathy
13. Polyuria
14. Edema

tutorials:

Each teacher will supervise students Seminars group assigned to it.

5 Seminars with the following program

1. Medical history, general examination of the patient, scanning head and neck
2. Exploration of the chest and abdomen
3. Neurological examination and locomotor
- 4 and 5. Major ECG abnormalities

Teaching distance 55% 3.30 ECTS (82.50 hours)

5.4. Course planning and calendar

Calendar of face-to-face sessions and presentation of works

Lectures: 1 theoretical class / group during the appropriate period, in each subject.

Teaching of small groups: 60 hours spread over the school year in subgroups appropriate to the number of students.

5.5. Bibliography and recommended resources

Zaragoza:

- BB Douglas, Graham. Exploración clínica / Graham Douglas, Fiona Nicol, Colin Robertson . - 12ª ed. Ámsterdam ; Barcelona ; Madrid [etc.] : Elsevier, cop. 2011
- BB Exploración y semiología clínica / autores, Pedro Cía Gómez ... [et al.] . 2ª ed. Zaragoza : Prensas Universitarias de Zaragoza, 2001
- BB García-Conde Bru, Francisco Javier. Patología general : introducción a la medicina clínica / Francisco Javier García-Conde Bru, Jaime Merino Sánchez, Jesús González Macías Madrid : Marbán, [2012]
- BB Guía Mosby de exploración física / Henry M. Seidel ... [et al.] . 3ª ed., [reimp.] Amsterdam, Barcelona, Madrid [etc.]: Elsevier, D.L. 2009
- BB Laso Guzmán, F. Javier : Introducción a la medicina clínica : fisiopatología y semiología / F. Javier Laso Guzmán . - 3ª ed. Ámsterdam ; Barcelona ; Madrid [etc.] : Elsevier Masson , D.L. 2015
- BB Medicina interna [18ª ed.] / fundado por A. von Domarus ; continuado por P. Farreras Valentí ; director (desde 1968) C. Rozman ; subdirector (desde 2003), F. Cardellach López . - 18ª ed. Barcelona : Elsevier, 2016
- BB Pérez Arellano, José Luis. Manual de patología general / José Luis Pérez Arellano. . 6ª ed. Amsterdam ; Barcelona [etc.] : Elsevier Masson, D.L. 2010. [[Precede al título: Sisinio de Castro]]
- BB Prieto Valtueña, Jesús Mª. Exploración clínica práctica / Jesús M. Prieto Valtueña ; [colaboradores, Enrique Aubá... (et al.)]. 28ª ed. Barcelona : Elsevier, D.L. 2016 [Precede al título: NOGUER-BALCELLS]
- BB Swartz, Mark H.. Tratado de semiología : anamnesis y exploración física / Mark H. Swartz ; [revisión científica,

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Ramón Pujol Farriols] . - 7ª ed. Ámsterdam ; Barcelona ; Madrid [etc.] : Elsevier, cop. 2015

LIST OF URLS:

Image challenge

[<http://www.nejm.org>]

Huesca:

BB Exploración y semiología clínica / autores, Pedro Cía Gómez ... [et al.] . 2ª ed. Zaragoza : Prensas Universitarias de Zaragoza, 2001

BB García-Conde Bru, Francisco Javier. Patología general : introducción a la medicina clínica / Francisco Javier García-Conde Bru, Jaime Merino Sánchez, Jesús González Macías Madrid : Marbán, [2012]

BB Guía Mosby de exploración física / Henry M. Seidel ... [et al.] . 3ª ed. Madrid [etc.]: Elsevier, D.L. 2006

BB Laso Guzmán, F. Javier : Introducción a la medicina clínica : fisiopatología y semiología / F. Javier Laso Guzmán . - 3ª ed. Ámsterdam ; Barcelona ; Madrid [etc.] : Elsevier Masson , D.L. 2015

BB Pérez Arellano, José Luis. Manual de patología general / José Luis Pérez Arellano. . - 6ª ed. Amsterdam ; Barcelona [etc.] : Elsevier Masson, D.L. 2010.

BB Swartz, Mark H. : Tratado de semiología : anamnesis y exploración física / Mark H. Swartz ; [revisión científica, Ramón Pujol Farriols] . - 7ª ed. Ámsterdam ; Barcelona ; Madrid [etc.] : Elsevier, cop. 2015

LIST OF URLS:

<http://diagnosticoporimagenmi.blogspot.com/>

[<http://www.imagenmed.es>]

THE UPDATED BIBLIOGRAPHY OF THE SUBJECT IS CONSULTED THROUGH THE LIBRARY WEB PAGE

<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>