

Academic Year: ( 2024 / 2025 )

Review date: 12-02-2024

Department assigned to the subject: null

Coordinating teacher:

Type: Compulsory ECTS Credits : 6.0

Year : 3 Semester : 1

**DESCRIPTION OF CONTENTS: PROGRAMME**

1. Pathological alterations of the Nervous System
  - a. Mechanical
    - i. Trauma and sectioning
    - ii. Cell death
    - iii. Tumours
    - iv. Vascular failure
  - b. Demyelination
  - c. alterations of cellular metabolism and nerve impulse transmission
  - d. Alterations in neurotransmission
  - e. Disturbances of effector systems
    - i. Neuroendocrine
    - ii. Neuromuscular
2. Infectious and inflammatory pathologies
3. Autoimmune pathologies
4. Neurodegenerative pathologies
5. Episodic and paroxysmal disorders
  - a. Epilepsy
  - b. Migraine
  - c. Headaches
  - d. Sleeping disorders

In all cases the teaching approach includes the available knowledge on the causes and mechanisms of the diseases, their characteristics, symptomatology and diagnosis, as well as approaches to prevention and treatment.

**LEARNING ACTIVITIES AND METHODOLOGY**

Classroom lectures.  
 Face-to-face classes: reduced (workshops, seminars, case studies).  
 Student individual work.  
 Final exam.

Seminars and lectures supported by computer and audiovisual aids.  
 Practical learning based on cases and problems, and exercise resolution.  
 Individual and group or cooperative work with the option of oral or written presentation.  
 Individual and group tutorials to resolve doubts and queries about the subject.

**ASSESSMENT SYSTEM**

<b>% end-of-term-examination:</b>	60
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	40

Final exam.  
 Continuous evaluation.

