

## COURSE SYLLABUS

### Pharmacology

2627-5-H4101D026-H4101D103M

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#### Aims

The course aims to provide students with the knowledge necessary to identify the most effective pharmacological therapies for treating patients with mental disorders, based on evidence-based medicine guidelines for psychiatric treatment.

Furthermore, the course contributes to the following objectives:

1. Knowledge and understanding:  
Knowledge of the key elements of pharmacology, with attention to sex/gender and population differences.
2. Applied knowledge and understanding:  
Ability to apply acquired knowledge.
3. Independent judgment:  
Demonstrate a critical approach, constructive skepticism, and a creative, research-oriented attitude. Build awareness of the importance and limitations of scientific thinking based on information obtained from various resources.
4. Learning skills:  
Collect, organize, and critically interpret new scientific knowledge and health/biomedical information from various resources and databases.

#### Contents

The teaching module allows the student to learn about, and further develop, the interrelationships between the contents of neurobiology, clinical psychiatry and psychopharmacology in the framework of the CNS complexity and the integration of functions.

## **Detailed program**

Main classes of psychiatric drugs:

1. Antidepressants
2. Anxiolytics/hypnotics
3. Antipsychotics
4. Mood stabilizers

## **Prerequisites**

Knowledge of general pharmacology

## **Teaching form**

6 frontal lessons of 2 hours

## **Textbook and teaching resource**

Rang & Dale, "Pharmacology", Elsevier Churchill Livingstone

## **Semester**

First semester.

## **Assessment method**

Written exam, consisting of multiple choice questions and short essay questions regarding the topics covered in class.

## **Office hours**

On appointment

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## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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