



# M6: Introduction to the Study of Medicine. Study of the Structure and Function of the Human Body 4 (Year 2)

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## Knowledge Content

- Recognize the morphology and the structure of the tissue, organs and organ systems using macroscopic and microscopic methods and different imaging techniques.
- Perform functional testing, and determine and interpret vital parameters.
- Develop basic laboratory techniques for handling laboratory materials.
- Understand embryogenesis and organogenesis.
- Study the morphology, structure and function of the central and peripheral nervous system.
- Study the growth, maturation and ageing of different organs and organ systems.
- Understand homeostasis.
- Study the adaptation to the environment.
- Understand the main electrophysical techniques (ECG, EEG, EMG and others).

## Competences

- Understand and recognize the structure and normal function of the human body —at the molecular, cellular, tissular, organic and systemic levels— during the life cycle and in both sexes.
- Recognize the basis of normal human conduct and its alterations.
- Understand and recognize the effects, mechanisms and manifestations of illness on the structure and function of the human body.
- Understand and recognize the effects of growth, development and ageing on the individual and his or her social environment.
- Establish diagnosis, prognosis and treatment, applying the principles based on the best possible information and clinical safety.
- Know how to use information and communication technology in clinical, therapeutic, preventive and research activities.

## Learning Methods

Problem-based learning tutorials (PBL)

PBL Question & Answer sessions

Laboratory Practice

Workshops

Lectures



**Universitat de Girona**

Facultat de Medicina

Unitat d'Educació Mèdica

### **Evaluation**

Formative assessment

PBL examination

Other forms of assessment, when appropriate

### **ECTS Credits**

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