

# Teaching guide

## IDENTIFICATION DETAILS

Degree:	Medicine		
Field of Knowledge:	Health Science		
Faculty/School:	Medicine		
Course:	GENERAL PATHOLOGY		
Type:	Compulsory	ECTS credits:	14
Year:	3	Code:	2733
Teaching period:	Fifth-Sixth semester		
Area:	Integrated Medical Surgical Pathology		
Module:	Human Clinical Training		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	350		

## SUBJECT DESCRIPTION

El objetivo general del grado en Medicina es la formación integral (científica, práctica y humanista) del futuro profesional de la medicina que le capacite para buscar siempre el bien del paciente y de la comunidad. Para ello es preciso garantizar que los futuros profesionales adquieran un conocimiento adecuado de las ciencias en que se fundamenta la medicina y con capacidad de indicar y realizar actividades dirigidas a la promoción, mantenimiento y recuperación de la salud. Pero, también profesionales capacitados para hacer frente y adaptarse de manera eficiente a los retos que presenta la práctica médica en un mundo globalizado.

Para ello, se pretende que el Graduado en Medicina adquiera junto al conocimiento de las ciencias biológicas y de las distintas materias clínicas, sobre las que se fundamenta el ejercicio de la Medicina, un dominio suficiente de otras disciplinas básicas requeridas para una buena comprensión de los métodos científicos, incluidos los principios de la medida de las funciones biológicas, de la comprobación científica de una hipótesis, del análisis de

los datos biosanitarios, y de la correcta lectura crítica e interpretación de literatura científica, todo ello, bajo la pretensión de ofrecer a los pacientes una práctica clínica basada en la evidencia científica.

## SKILLS

### Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

### General Skills

To recognise the essential elements of the medical profession, including ethical principles, legal responsibilities and professional practice focussed on the patient. To acquire the values of professionalism:

- a. Altruism: looking for the best in patients.
- b. Responsibility: complying with the implicit agreement with the community.
- c. Excellence as a continuous search for knowledge.
- d. Obligation as a free commitment to serve.
- e. Honour and integrity: complying with personal and professional codes and undertaking not to breach them.
- f. Serving others.

To understand and recognise the causal agents and risk factors that determine health conditions and development of illness.

To obtain and develop a medical record containing all relevant information.

To perform a physical examination and conduct a mental assessment.

To have the ability to prepare an initial diagnosis and to establish a rational diagnostic strategy.

To acquire suitable clinical experience in hospital institutions, health centres or other healthcare institutions, under supervision, as well as basic knowledge on clinical management centred around the patient, and to suitably use tests, drugs and other resources afforded by the healthcare system.

To listen carefully to, obtain and summarise relevant information about the problems of a patient and understand the content of said information.

To prepare medical records and other medical registers in a way that is understandable to others.

To communicate effectively and clearly, both orally and in writing, with patients, families, the media and other professionals.

To establish good interpersonal communication that makes it possible to address patients, family members, media and other professionals with efficiency and empathy.

To acknowledge one's role in multiprofessional teams, taking on leadership when pertinent, be it when providing healthcare or in interventions aimed at promoting health.

To keep and use the patient information records for subsequent analysis, maintaining the information confidential.

To have a critical, creative viewpoint in professional activity with constructive scepticism focussed on research.

To understand the importance and limitations of scientific thought in the study, prevention and management of illness.

To be able to formulate hypotheses and gather information and critically assess it in order to solve problems using scientific methodology.

To engage in professional practice with regard to the independence, beliefs and culture of the patient.

Students must be able to develop a profile conducive to the practice of medicine through activities specifically designed in all subjects of the syllabus.

To recognise one's limitations and the need to maintain and update professional skills, with particular emphasis on independent acquisition of new knowledge and techniques and a motivation to achieve quality.

To engage in professional practice with regard to other health professionals, gaining teamwork skills.

To understand and recognise the structure and normal function of the human body at molecular, cellular, tissue, organ and system level in the various stages of life, in both men and women.

To understand and recognise the effects, mechanisms and manifestations of illness on the structure and function of the human body.

## **Specific skills**

Ability to integrate theoretical and practical knowledge.

To know how to write records, reports, instructions and other registers in an understandable manner for patients, families and other professionals.

To be familiar with the pathophysiological mechanisms of the various systems.

To know how to perform a complete anamnesis, centred on the patient and focussed on various pathologies, interpreting the meaning of it.

To be able to conduct a physical examination of systems, as well as a psychopathological examination, interpreting their meaning.

To be able to perform basic and advanced life support procedures.

#### **DISTRIBUTION OF WORK TIME**

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
222 hours	128 hours