

Teaching guide

IDENTIFICATION DETAILS

Degree:	Medicine		
Field of Knowledge:	Health Science		
Faculty/School:	Health Sciences		
Course:			
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

During this course students acquire a comprehensive and integrated perspective of the causes (aetiology) and mechanisms (pathogenesis) by which the human body becomes sick, and of their functional consequences (pathophysiology). It also entails study of how different diseases are clinically manifested in the form of symptoms and signs (introductory). This course is considered the cornerstone for understanding the medical-surgical courses in the coming years of training.

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