Medical-Surgical Placement II

Code: 106716
ECTS Credits: 5

2025/2026

Degree	Type	Year
Medicine	OB	4

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Teachers

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Teaching groups languages

You can view this information at the end of this document.

Prerequisites

- It is advisable for the students to have achieved basic skills in cell biology, biochemistry and molecular biology, biophysics, anatomy, physiology, and general and specific microscopic structure of the different human devices and systems. Also in biostatistics and epidemiology.

- Sufficient knowledge of the psychological bases of health and disease states is advisable, as well as an adequate level of knowledge in interpersonal communication and English language.

- The students will acquire the commitment to preserve the confidentiality and professional secrecy of the data that they may have access to because of the learnings in the medical departments. Also in maintaining an attitude of professional ethics in all their actions.

Objectives and Contextualisation

The subject integrates the clinical practices that correspond to the subjects of Medicine and Surgery III and IV.

The general objective is for the student to complete the knowledge they are acquiring in the theoretical subjects and achieve the relevant clinical, communication and scientific information management skills to be able to:

• Recognize the basic health problems and make reasoned proposals for their solution, using the appropriate clinical and biomedical information sources, scientifically interpreting the results obtained.

• Communicate with other health professionals, with patients and their relatives, clearly and effectively.

• Update knowledge independently.

For this they will need to know how to:

• Prepare a clinical history in a structured way. Perform a complete physical examination.

• Elaborate a reasoned differential diagnosis. Formulate a diagnostic hypothesis.

• Justify the laboratory, imaging or other diagnostic tests that must be ordered. Correctly interpret the results obtained with them.

• Propose an appropriate treatment. Inform the patient and relatives. Write an explanatory report.

• Use ICT to access clinical and biomedical databases to obtain relevant information.

Competences

- Demonstrate understanding of the manifestations of the illness in the structure and function of the human body.
- Establish a diagnostic approach and a well thought-out strategy for action, taking account of the results of the anamnesis and the physical examination, and the results of the appropriate complementary tests carried out subsequently.
- Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
- Indicate the basic diagnosis techniques and procedures and analyse and interpret the results so as to better pinpoint the nature of the problems.
- Indicate the most suitable treatment for the most prevalent acute and chronic processes, and for the terminally ill.
- Obtain and prepare a patient record that contains all important information and is structured and patient-centred, taking into account all age and gender groups and cultural, social and ethnic factors.
- Perform a general and a system-by-system physical examination appropriate to the patient's age and sex, in complete and systematic way, and a mental evaluation.
- Recognize one's role in multi-professional teams, assuming leadership where appropriate, both for healthcare provision and for promoting health.

Learning Outcomes

1. Anticipate and compare information for good decision-making.
2. Describe the effects on all organs and systems of diseases of the blood, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the genitourinary system, infectious pathologies and diseases of the elderly.
3. Describe the main pathological situations of the musculoskeletal system, the blood, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the genitourinary system, infectious pathologies and diseases of the elderly.

4. Design the treatment for the main infectious diseases, diseases of the blood, of the elderly, and of the hematopoietic system, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the renal and genitourinary system, the retroperitoneal system and the musculoskeletal system.
5. Explain the mechanisms by which illness affects the structure and function of the human body.
6. Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
7. Indicate the complementary examinations for diagnosing the main infectious diseases, diseases of the blood, of the elderly, and of the hematopoietic system, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the renal and genitourinary system, the retroperitoneal system and the musculoskeletal system.
8. Perform a suitable physical examination for the main infectious diseases, diseases of the blood, of the elderly, and of the hematopoietic system, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the renal and genitourinary system, the retroperitoneal system and the musculoskeletal system.
9. State the most probable diagnosis for the main infectious diseases, diseases of the blood, of the elderly, and of the hematopoietic system, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the renal and genitourinary system, the retroperitoneal system and the musculoskeletal system.
10. Write a report giving guidance on diagnosing the main infectious diseases, diseases of the blood, of the elderly, and of the hematopoietic system, the cardiovascular system, the digestive system, the respiratory system, the endocrine system, the nervous system, the renal and genitourinary system, the retroperitoneal system and the musculoskeletal system.

Content

The subject integrates the hospital clinical practices that correspond to the medico-surgical subjects of Medicine and Surgery III and IV. Therefore, rotations will be organized in the medical and surgical areas of Digestive, Hematology and Nephro-Urology in the hospitalization wards, day-care hospital, outpatient clinics, laboratory, blood bank, operating theatres, examination rooms or where those in charge consider most appropriate within the hospital grounds.

The distribution and timetables of these rotations are specified in the following section, according to the distribution of credits by the Study Plan. The contents of these rotations for each of the parts will be decided in each teaching unit and will be explained at the beginning of the course by the coordinator or at the start of each rotation. Each teaching unit will be able to adapt and specify the contents according to its criteria and availability.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Clinical practice	75	3	1, 2, 3, 4, 8, 5, 9, 6, 7, 10
Type: Autonomous			
Personal study, reading of scientific articles and documents of interest	45	1.8	1, 2, 3, 4, 5, 9, 6, 7

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Heads of the Teaching Units (Unitat Docent):

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This guide describes the framework, contents, methodology and general rules of the subject, in accordance with the current study plan. The final organization of the subject in terms of the number and size of groups, distribution in the calendar and exam dates, specific evaluation criteria and examination review, will be specified in each of the Hospital Teaching Units (UDH).

According to the teaching guide, the subject consists of 5 credits, 3 for the medical parts and 2 for the surgical parts. The distribution is as follows:

-Digestive: 15 hours of practice, distributed over 5 days at 3 hours per day.

-Hematology: 12 hours, 4 days at 3 hours per day.

- Nephrology: 18 hours, 6 days at 3 hours per day.

-Urology: 12 hours, 4 days at 3 hours per day.

-General surgery (Hemato): 1 day of 3 hours.

-General surgery (Digestive): 15 hours, 5 days at 3 hours per day.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Clinical practice evaluation	100%	5	0.2	1, 2, 3, 4, 8, 5, 9, 6, 7, 10

The evaluation will be continued in all rotations. Clinical histories, admission notes, lists of problems, differential diagnoses and other activities that the person responsible of the area deems appropriate will be evaluated, as may be the case of attendance at clinical sessions/hospital conferences and/or other events related to clinical care activity. Below is an indicative rating scale:

Item	Grade*				
Attendance & puntuality (50%)	1	2	3	4	5
Participation (15%)	0,5	1	1,5		
Knowledge (15%)	0,5	1	1,5		
Clinical experience (20%)	1	1,5	2		

* Students will pass the subject if reaching a total of 5 or more points (over a maximum of 10 points)

Definitions of the dimensions: *Attendance and punctuality*: it will be assessed that students have regularly attended all the days of the rotation and that, in case of absence, they have given notice. *Participation*: the responsibility of the students in the tasks that the tutor asks of them, the ability to work in a team and the opinions they contribute to a session or in other clinical activities will be assessed. *Knowledge*: it will evaluate if the student presents the theoretical knowledge expected. *Clinical experience*: it will be evaluated by the tutor whether the student is capable of synthetizing and communicating a clinical case to other peers (in clinical meetings) or alternatively, a written summary of a real clinical case observed during the rotation (maximum of 200 words).

In this subject, the use of Artificial Intelligence (AI) technologies is not allowed in any of its phases. Any work that includes fragments generated with AI will be considered a lack of academic honesty and may lead to a partial or total penalty in the grade of the activity, or greater sanctions in serious cases.

It will be optional for students with an excellent qualification to apply for a qualification with honors. Each Teaching Unit will decide how to proceed choosing between a written task based on a clinical case or an oral/written examination based on clinical cases related to the rotations.

Students who do not take the assessment tests detailed above will be considered "Not Assessed", exhausting their rights to register for the subject. Special situations will be assessed individually and in agreement with those in charge of the different areas involved, in the different rotations of this subject.

This subject does comtemplate the process of one single evaluation.

Bibliography

Consult the specific bibliography of the teaching guides for the different fourth-year subjects.

Software

There is no specific one.

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this link. To consult the language you will need to enter the CODE of the subject.