

## 26731 - Tutorial Practice Classes

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 26731 - Tutorial Practice Classes

**Faculty / School:** 104 - Facultad de Medicina

**Degree:** 304 - Degree in Medicine

**ECTS:** 24.0

**Year:** 6

**Semester:** Second semester

**Subject type:** Compulsory

**Module:**

### 1. General information

The subject is developed through the student's rotation through different health care centres. The established rotation periods range from 2 to 4 weeks. A cycle of rotations is established for each student to complete the subject.

The rotation by Specialties will be chosen by the student from among the possible ones with available faculty. This choice is made according to the student's academic record.

These approaches and goals are aligned with the following Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 in such a way that the acquisition of the learning results of the subject provides capacity and competence to contribute to some extent to their achievement. Goal 3: Health and Wellness. Goal 4: Quality Education.

### 2. Learning results

#### **MEDICINE**

Collect the signs and symptoms that compel the patient to consult the physician and record them in a medical record document . Be able to perform a complete anamnesis focused on the main manifestations of the clinical signs, oriented to the different pathologies and interpreting their meaning. Be able to perform a physical examination by apparatus and systems, interpreting its meaning. Make a diagnostic orientation based on the data collected. Request complementary tests appropriate to the differential diagnosis. Be able to evaluate and link in a reasoned way the basic analytical modifications, ECG alterations, basic radiology and other complementary explorations appropriately indicated.

Establish the most appropriate diagnosis in clinical situations. Provide adequate information on the process that affects the patient taking into account ethical aspects. Plan an appropriate treatment for all medical circumstances as well as the patient's personal circumstances. Show professional and social skills related to the care environment in which they work.

Know how to adequately plan clinical work in different care settings: Hospital emergencies, Health centre, hospital medical services. To reflect on the limits in the health care provided to patients in different specialties: family and community medicine, emergency and different medical specialties.

#### **EMERGENCIES**

Know how to use triage as a method of risk stratification for patients attending ER for the most prevalent emergency reasons. Collect the signs and symptoms that compel the patient to go to emergencies and write them down in the documents in force in these Services. Be able to perform an anamnesis focused on the main manifestations of the clinical signs, oriented to urgent action. Be able to perform a physical examination to assess the urgent condition.

Know how to perform a diagnostic orientation in the most prevalent emergency conditions and request the necessary complementary tests to clarify the reason for the emergency. Be able to indicate the basic life support treatments . Be able to distinguish between patients who should be discharged and those who require prolonged observation/admission.

#### **TRAUMATOLOGY**

To be able to take a medical record. To know how to perform basic clinical exploration manoeuvres in surgical pathology of the locomotor system. To know how to recognize the indications of the available imaging tests in the most prevalent pathologies.

To know how to recognize the indications of the available laboratory tests in the most prevalent pathologies. To know how to indicate the preparation of a patient before surgery. To know how to perform immobilization bandages, either simple or cast, in the most prevalent pathologies . To know how to perform a basic process dressing. To know the indications for surgery in the most prevalent traumatic or orthopaedic pathologies . To know the basic operation of an operating room where surgery of the Locomotor System is performed, and its differences with operating rooms of other specialties.

#### **PEDIATRICS**

Acquire skills in the anamnesis to obtain the clinical information that allows the elaboration of a correct medical record, obtain physical examination in the paediatric age. Know how to use precise tools to adapt the interview to the peculiarities of each paediatric age group. Teenager interview. Know how to perform a complete physical examination in the different paediatric ages, properly interpreting its meaning and using correctly the growth charts. Be able to establish a clinical reasoning with identification of problems, elaboration of diagnostic hypothesis, differential diagnosis according to the patient's age and to choose the appropriate complementary tests . Establish a therapeutic and preventive action plan, focused on the needs of the patient and their family and social environment.

## SPECIALTIES

Due to the extraordinary variability of the specialties that will participate in the rotation, it is complex to elaborate specific learning results, so it has been decided to elaborate them in a generic way for all of them. Each specialty will adapt them to its contents, bearing in mind that the main objective of the rotation is that the student becomes integrated in the Service and participates in all its activities. Be able to select among the contents of the specialty chosen and in which they rotate the contents most related to the practice of a general practitioner. Be able to relate professionally with the staff of the chosen service and with the most direct care environment of this service. Know how to recognize the advantages and disadvantages of multidisciplinary and team work. Be able to integrate into all the activities of the chosen Service. Be able to perform a direct medical act of the chosen specialty. Acquire at least two skills specific to the specialty.

### 3. Syllabus

It is based on Rotation Modules for: Medicine, Paediatrics, Traumatology, Emergency and Specialties. The student rotates from 8 a.m. to 3 p.m. with the tutor and Centre assigned to them in advance. The total involvement of the student is sought proactively in the respective rotation teams. All students who carry out activities in which personal data or patients' medical history is handled, are obliged to keep the confidentiality of the same. This internship subject is face-to-face, respecting the indications of the health and academic authorities.

### 4. Academic activities

It is the student's responsibility to satisfactorily complete the different documents of the Portfolio of each of the rotation modules, and its timely delivery to the respective Department. This portfolio will include the activities carried out in each rotation module, and must be supervised by the tutor responsible for the student before its delivery.

The models of the different portfolios can be downloaded from the web site of the Faculty of Medicine, from the link established in the 6th year.

### 5. Assessment system

The student must demonstrate achievement of the intended learning results through the following assessment activities:

- Evaluation reports from the respective tutors of each of the rotation modules, whose weighted average grade will account for **30%** of the final grade, provided that each of the modules has been satisfactorily passed.
- Portfolios for each rotation module. Their weighted average grade will account for **30%** of the final grade.
- OSCE (Objective Structured Clinical Evaluation) End of Degree: The result will be PASS or FAIL. For students who have a "PASS" this will represent **40%** of the final grade. Students who achieve a "FAIL" will have a second call with an adapted programming of the different stations that will be programmed by the Test Committee due to the complexity of its organization. In the case of not passing the ECOE in the second call, the student must re-enrol in this subject the following year.