

Academic Year/course: 2022/23

## 26731 - Tutorial Practice Classes

### Syllabus Information

**Academic Year:** 2022/23

**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

### 1.1. Aims of the course

The methodology followed in this course is oriented towards the achievement of the learning objectives. It favors the acquisition of knowledge related to health services. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, assignments, and autonomous work. Students are expected to participate actively in the class throughout the semester.

Further information regarding the course will be provided on the first day of class.

The methodology followed in this course is oriented towards the achievement of the learning objectives.

The subject is developed through the assistance of the student to different assistance centers. The established rotation periods range between one and four weeks. For each student, a cycle of rotations is established that completes all the stays and is explained below. The rotation by specialties will be chosen by the student from among the selected ones that have teachers available to allow specific tutoring. The choice of the specialty will be made taking into account the student's academic record.

Students are expected to participate actively in the class throughout the semester.

Further information regarding the course will be provided on the first day of class.

These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda (<https://www.un.org/sustainabledevelopment/es/>), in such a way that the acquisition of the results of Subject learning provides training and competence to contribute to some extent to its achievement.

Objective 3: Health and well-being.

Objective 4: Quality education

### 1.2. Context and importance of this course in the degree

Set in the twelfth semester of the Degree the subject aims at the total involvement of students in the Services and Primary Care Centers for which they will rotate, incorporating in a total way the daily activities of said Services

### 1.3. Recommendations to take this course

***We must remind all students that if activities exercises include data related to the***

## **medical history or personal data of the patient strict confidentiality is required**

Departments involved in the subject:

- **Surgery** (Surgery, Obstetrics and Gynecology and Pathological Anatomy).
- **Medicine, Psychiatry** and **Dermatology**
- Microbiology, **Pediatrics**, Radiology and Public Health

Others in relation to the specialties that finally participate Each department has developed the learning outcomes that must be achieved through clinical practices. Although in many cases, the results to be obtained are equivalent, they have been transcribed in the Guide as elaborated by the Departments. Teachers who teach these clinical practices should ensure that all students have the opportunity to achieve learning outcomes regardless of the place of rotation.

***This practical course, planned in small groups, must be done in person, always respecting the instructions of the health and academic authorities***

## **2. Learning goals**

### **2.1. Competences**

#### **B A S I C S :**

CB1 - Students have demonstrated to possess and understand knowledge in an area of ??study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that imply knowledge coming from the vanguard of their field of study

CB2 - Students know how to apply their knowledge to their work or vocation in a professional way and possess the competences that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of ??study

CB3 - Students have the ability to gather and interpret relevant data (usually within their area of ??study) to make judgments that include a reflection on relevant issues of social, scientific or ethical nature

CB4 - Students can transmit information, ideas, problems and solutions to a specialized and non-specialized audience

CB5 - Students have developed the necessary learning skills to undertake further studies with a high degree of autonomy

#### **S P E C I F I C :**

CE96 - Preprofessional practices, in the form of independent clinical rotating and with a final assessment of competencies, in Health Centers, Hospitals and other healthcare centers and that allows to incorporate professional values, skills in healthcare communication, clinical reasoning, clinical management and trial critical, as well as attention to the most prevalent health problems in the areas of Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Psychiatry and other clinical areas

### **2.2. Learning goals**

The subject and its expected results respond to the following approaches and objectives:

The subject is developed through the assistance of the student to different assistance centers.

The established rotation periods range between two and four weeks. For each student, a cycle of rotations is established that completes all the stays and is explained below. The rotation by specialties will be chosen by the student from among the selected ones that have teachers available to allow specific tutoring. The choice of the specialty will be made taking into account the student's academic record

### **2.3. Importance of learning goals**

Achieve and improve the essential competence components for the clinical activity that is

developed through individual and team work in different areas.

### 3. Assessment (1st and 2nd call)

#### 3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

The student, to pass this subject, must demonstrate the following results:

#### **M E D I C I N E**

- Collect the signs and symptoms that require the patient to consult with the doctor and translate them into a document *clinical history*
- To be able to perform a complete anamnesis focused on the main manifestations of the clinical picture, oriented to the various pathologies and interpreting their meaning.
- Be able to perform a physical examination by devices and systems, interpreting their meaning.
- Make a diagnostic orientation based on the collected data.
- Request complementary tests appropriate to the differential diagnosis.
- Be able to assess and link in a reasoned way the basic analytical modifications, alterations of the ecg, basic radiology and other complementary explorations properly indicated.
- Establish the most appropriate diagnosis in clinical situations.
- Carry out adequate information on the process that affects the patient taking into account the ethical aspects.
- Plan an appropriate treatment to all the medical and personal circumstances of the patient. In professional and social skills related to the care environment in which it is performed. In knowing how to properly plan clinical work in different healthcare settings: Hospital Emergencies, Health Center, Hospital Medical Services. Reflect on the limits in the health care provided to patients in different specialties: family and community medicine, emergencies and different medical specialties.

#### **E M E R G E N C I E S**

- 1.- Know how to use triage as a risk stratification method for patients who come to the Emergency Room in the most prevalent emergency reasons:
- 2.-Collect the signs and symptoms that require the patient to go to the emergency room and translate them into the documents in force in these Services
- 3.- Be able to make an anamnesis focused on the main manifestations of the clinical picture, oriented to the urgent action
- 4.- Being able to perform a physical examination that assesses the *urgent* situation
- 5.- Be able to perform diagnostic guidance in the most prevalent urgent cases and request the necessary complementary tests to clarify the reason for urgency
- 6.-Be able to indicate the basic treatments of life support
- 7.- Be able to distinguish between patients who must be discharged and those who require prolonged observation / admission

#### **TRAUMATOLOGY and ORTHOPEDIC SURGERY**

- 1.- Being able to make a clinical history
- 2.- Know how to carry out basic clinical exploration maneuvers in musculoskeletal pathology
- 3.- Know how to recognize the indications of the available imaging tests in the most prevalent pathologies
- 4.- Be able to recognize the indications of the available laboratory tests in the most prevalent pathologies
- 5.- Know how to indicate the preparation of a patient before surgery
- 6.- Know how to make immobilization bandages, either simple or in plaster, in the most prevalent pathologies
- 7.- Know how to perform a cure of a basic process
- 8.- Know the indications of surgery, in the most prevalent traumatic or orthopedic pathologies
- 9.- To know the basic operation of an operating theater where Locomotive Apparatus surgery is performed, and its differences with operating rooms of other specialties

#### **S P E C I A L T I E S .**

Due to the extraordinary variability of the specialties that are going to participate in the rotation, it is complex to elaborate specific learning results, which is why it has been decided to elaborate them in a generic way for all of them. Each specialty will adapt them to their

contents taking into account that the fundamental objective of the rotation is that the student is integrated into the Service and participates in all its activities

- 1.-Be able to select among the contents of the chosen specialty and in which the contents most related to the Practice of a general practitioner are rotated
- 2.-Be able to interact professionally with the staff of the chosen service and with the most direct assistance environment of this service
- 3.-Knowing how to recognize the advantages and disadvantages of a multidisciplinary team work
- 4.- Being able to integrate in all the activities of the chosen Service
- 5.- Be able to perform some direct medical act of the chosen specialty
- 6.- Acquire at least two specific skills of the specialty

## **P E D I A T R I C S**

- 1.-Acquire skill in the anamnesis to obtain the clinical information that allows to elaborate a correct clinical history, to obtain physical exploration in the pediatric age.
- 2.-Know how to use precise tools to adapt in the interview to the peculiarities of each pediatric age: Clinical interview technique with parents. Teen interview
- 3.-Knowing how to perform a complete physical examination in different pediatric ages, interpreting their meaning adequately and using the growth charts correctly.
- 4.- Be able to establish a clinical reasoning with identification of problems, development of diagnostic hypotheses, differential diagnosis according to the age of the patient and choose the appropriate complementary tests.
- 5.-Establish a plan of therapeutic action and prevention, focused on the needs of the patient and their family and social environment

***If the suspension of classroom teaching activities occurs, the changes that should be made will be introduced in the guidelines through a specific addendum, as was done in the 2019-2020 academic year.***

## **4. Methodology, learning tasks, syllabus and resources**

### **4.1. Methodological overview**

The methodology followed in this course is oriented towards the achievement of the learning objectives. It favors the acquisition of knowledge related to health services. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, assignments, and autonomous work.

Students are expected to participate actively in the class throughout the semester.

Further information regarding the course will be provided on the first day of class.

The learning process that has been designed for this subject is based on the following: The subject aims at the total involvement of the students in the Services and Primary Care Centers for which they will rotate, incorporating in a total way the daily activities of said Services. The methodology is based on the active participation of the student in said Services

The student must demonstrate that he has achieved the anticipated learning outcomes through the following assessment activities:

**ECO**E (structured objective clinical evaluation) End of Degree: The ECOE will evaluate knowledge, competences, abilities, and attitudes of communication and the stations will be related to all the clinical subjects studied in the Degree. It will be the direct competence of the Departments of the Faculty, specifically: Surgery (Surgery, Obstetrics and Gynecology and Pathological Anatomy), Pharmacology, Physiology and Forensic and Legal Medicine, Medicine, Psychiatry and Dermatology, Microbiology, Pediatrics, Radiology and Public Health

DATE OF THE ECOE FINAL DEGREE: May

The result of the evaluation of the ECOE will designate the students as SUITABLE/ NOT SUITABLE .

In those considered SUITABLE, the resulting grade will represent 40% of the final grade. The final score will be the result of the weighted average of the competences according to the

overall specifications table of the test. The NOT APPLIED will not surpass the subject. The students who pass the ECOE (SUITABLE) the numerical note of the subject (supervised Practices **26731**) will be obtained in the following way:  
1.-ECOIE NOTE: 40% OF THE FINAL NOTE  
2.-REPORTS OF EVALUATION OF THE TUTORS: It will suppose the 30% of the final note and for this evaluation, the attitude of the student and the attainment of the specific learning results of each rotation will be taken into account. The final grade will be the result of the average scores obtained in the different rotations subjected to the corresponding weighting according to the rotation time.  
3.-PORTFOLIO: It will be 30% of the grade and in a said portfolio, the activities carried out in each of the rotation modules will be specified. It will have a maximum extension of two folios per module except in the rotation by specialties that will have a maximum of four folios. Students who not overcome successfully the ECOE end of Grade will have a second call in September and will keep the note of the rotations of the twelfth semester for that call if they had exceeded.  
Given the complexity of its organization, the characteristics of the ECOE of the September call will be decided by the Test Committee, with a calendar for the different stations that will cover the exam period foreseen in September by the University, whose details will be published with enough time.  
In case of not passing the ECOE in September, the following course must be enrolled in this subject.

#### 4.2. Learning tasks

The program offered to the student to help him achieve the expected results includes the following activities

[https://medicina.unizar.es/sites/medicina.unizar.es/files/archivos/Grado/sextocurso/general\\_pra](https://medicina.unizar.es/sites/medicina.unizar.es/files/archivos/Grado/sextocurso/general_pra)

#### 4.3. Syllabus

##### Distribution:

[https://medicina.unizar.es/sites/medicina.unizar.es/files/archivos/Grado/sextocurso/general\\_pra](https://medicina.unizar.es/sites/medicina.unizar.es/files/archivos/Grado/sextocurso/general_pra)

***We must remind all students that if the activities and exercises include data related to the medical history or personal data of the patient strict confidentiality is required***

#### 4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the *Facultad de Medicina* website and the Degree website

<https://medicina.unizar.es/horarios>

<https://medicina.unizar.es/sextocurso>

Date of the ECOE in the first call: May / June

Date of the ECOE in the second call: September

The exact hours and classrooms will be communicated well in advance through the website of the Faculty. Exam dates agreed in the semester coordination meeting

An explanatory meeting will be held on the organization and format of the test with the students as of the month of February.

#### 4.5. Bibliography and recommended resources

Acces through the web:

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=26731>

