

**COURSE DATA****Data Subject**

Code	34491
Name	Tutored practicum
Cycle	Grade
ECTS Credits	54.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Faculty of Medicine and Odontology	6	Annual

Subject-matter

Degree	Subject-matter	Character
1204 - Degree in Medicine	17 - Supervised internship	External Practice

Coordination

Name	Department
GARRIGUES GIL, VICENTE	260 - Medicine
PALAU SAMPIO, PATRICIA	260 - Medicine

SUMMARY

A full clinical stay with active participation in the Service or Assistance Unit of the Hospitals and University Centers, are integrated in the daily work of the Hospital Service.

Internships are developed over eight periods. Four of them stays are carried out in the Emergency Services; Obstetrics and Gynecology; Pediatrics and Psychiatry. Two stays in the medical specialties Services and two stays in the surgical specialties Services

PREVIOUS KNOWLEDGE



Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

Fee restrictions.

As stated in the Curriculum of the Medical degree, in order to access the 6th course, it is necessary to have passed the first three courses and to have no more than 12 mandatory credits of 4th and 5th (the optional exams are excluded from these calculations).

Other types of requirements

The student must be enrolled in 60 credits of the 6th course.

OUTCOMES

1204 - Degree in Medicine

- Recognise the standards of normal human behaviour and its alterations.
- Obtain and elaborate a clinical history with relevant information.
- Perform a physical examination and a mental health assessment.
- Have the capacity to make an initial diagnosis and establish a reasonable strategy of diagnosis.
- Recognise and address situations which may be life-threatening and others which demand immediate attention.
- Establish the diagnosis, prognosis and treatment, applying principles based on the best information available and on conditions of clinical safety.
- Indicate the most accurate therapy in acute and chronic processes prevailing, as well as for terminally ill patients.
- Acquire proper clinical experience in hospitals, health care centres and other health institutions, under supervision, as well as basic knowledge of clinical management focused on the patient and the correct use of tests, medicines and other resources available in the health care system.
- Listen carefully, obtain and synthesize concrete information regarding the problems which may affect the patient and understand the content of such information.
- Write clinical reports and other medical records in an understandable way for any third party.
- Communicate in an effective and clear way, both writing and orally, with patients, their relatives, the media and other professionals.
- Acquire basic training for research activity.



- Proper organisation and planning of the workload and timing in professional activities.
- Team-working skills and engaging with other people in the same line of work or different.
- Criticism and self-criticism skills.
- Capacity for communicating with professional circles from other domains.
- Acknowledge diversity and multiculturality.
- Consideration of ethics as a fundamental value in the professional practise.
- Working capacity to function in an international context.
- Pre-professional internships independent clinical rotations and a final assessment of skills acquired in Health Care centres, Hospitals, and other health care settings which allows students incorporate professional values, communication skills, clinical reasoning, clinical administration and critical judgement, as well as attention to the most prevalent health problems in the following areas: Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, Psychiatry, and other clinical disciplines.

LEARNING OUTCOMES

- To acquire the attitude and dexterity to develop an integral, curative, preventive and health promotion medicine.
- To acquire the knowledge and appropriate clinical skills for the basic exercise of medicine.
- To acquire the ability to develop a critical analysis of the knowledge and publications.
- To acquire the clinical skills to diagnose and to treat the main pathologies present in the different stages of life, related to gender, addressing the global assessment of the patient and discussing the most reasonable therapeutic attitudes.

The overall objective is to train professionals, in the medical pathology field, with theoretical and practical knowledge, attitudes and skills that enable the student to develop an integral, curative, preventive and health promotion medicine.

Specific objectives:

- To know how to understand the medical history and to diagnose competently.
- To know how to do the differential diagnosis.
- To acquire the skills to know how to deliver the prognosis and to inform the patient and his / her family.
- To know the general and specific treatment guidelines to be established according to the patient's clinical and social situation.



- To acquire the necessary clinical skills for the practice of medicine.

Skills to be acquired:

- To thoroughly understand the medical history.
- To be able to perform a complete physical examination and recognize the abnormalities related to the pathology presented.
- To indicate and interpret studies and complementary explorations.
- To interact with other doctors and specialists.
- To acquire the skill of working in groups and to be able to raise your concerns in a professional manner with your colleagues.
- To be able to manage your time and learning affectively.

DESCRIPTION OF CONTENTS

1. Organization of the clinical practices.

1. To assist in the clinic visits of patients (hospitalized or external) and the analysis of the indications, contraindications and potential risks of the planned tests and therapeutic procedures, always respecting the patient's comfort and rights.
2. Carrying out medical histories and complete clinical examinations, and recognizing the difficulties in the doctor's bedside manner and attitude in front of the patient and the family.
3. Approach the corresponding syndromic diagnoses, and identify and study the most common analytical and instrumental techniques, as well as their critical assessment.
4. Discussion of selected histories to review and analyse the diagnostic studies, as well as pathophysiology, differential diagnosis and treatment of the patients. The critical capability of the student thus can achieve its maximum potential.
5. Review of recent articles on the most doubtful or problematic aspects of patients. Students thus understand the need for continuous self-learning for the practice of Medicine.
6. Daily attendance, or with the periodicity established by the teachers, to the clinical sessions of the Service in which they are performing the practices.

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Clinical practice	1200,00	100
Attendance at events and external activities	10,00	0
Development of individual work	20,00	0
Study and independent work	50,00	0
Readings supplementary material	50,00	0
Resolution of case studies	20,00	0
TOTAL	1350,00	

TEACHING METHODOLOGY

The volume of global work will be completed through 8 periods of 4 weeks of duration, made in 8 Healthcare Units:

Medicine (Medical specialties)	2 periods	14 ECTS
Surgery (Surgical specialties)	2 periods	12 ECTS
Obstetrics and Gynecology	1 period	7 ECTS
Pediatrics and its specialties	1 period	7 ECTS
Psychiatrics	1 period	7 ECTS
Emergencies	1 period	7 ECTS

The relevant competences will be acquired through clinical stays supervised in the corresponding Health Services through the following activities that will be developed to a greater or lesser degree as appropriate in each case:

- Clinical care supervised for inpatients or outpatients in each specialty.
- Reflexion and active discussion on the clinical aspects of these patients.
- Supervised examination of diagnostic exploration and therapeutic procedures performed on patients.



- Active participation in the clinical sessions that are developed in the Services.
- Attendance at congresses, conferences or similar ones of the corresponding specialty.
- Carrying out simulated activities of the corresponding specialty.

EVALUATION

The evaluation of the subject has two parts:

1. Continuous assessment of the stay in clinical services, which represents 20% of the overall grade.
2. Practice test with real or simulated patients (OSCE: Structured Objective Clinical Examination), which represents 80% of the overall grade.

Continuous assessment.

The following aspects will be taken into account:

- Attendance.
- Behavior.
- Interest.
- Achieved knowledge.
- Achievement of goals.
- Practice assessment.

Each clinical stay will be evaluated by the responsible teacher. For the calculation of the overall grade corresponding to the 8 stays in clinical services, the weighting corresponding to each stay will be taken into account, previously indicated in this Guide.

All the clinical stays are mandatory. Attendance to at least 80% of the days corresponding to each and every one of the periods is necessary to be able to pass the subject. The student will be able to recover the justified absences superior to 20% in each period, in the way that the responsible teacher decides. A minimum score will not be required in each period to be able to pass the subject.

Practice Test

There will be a practice test consisting of several stations in which the student will be asked to solve a clinical situation or interpret a complementary test or perform a simulation of a care activity, corresponding to a real or simulated patient. The stations of the Practice Test will evaluate the following, ponderadas según la recomendación de la Conferencia Nacional de Decanos de Facultades de Medicina:



competences:

- Anamnesis: 20%
- Clinical examination: 15%
- Technical/procedural skills: 15%
- Communication skills: 10%
- Clinical judgement. Diagnostic and therapeutic management plan: 20%
- Prevention and health promotion: 5%
- Interprofessional relations: 5%
- Ethical and professional aspects. Professionalism: 5%
- Others (to be determined, if applicable, in the general profile of the OSCE test); 5%

The non-presentation to any station of the Practice Test will suppose a qualification of 0 in said station. The evaluation, by means of the practice test of the competences reached will suppose 80% of the overall grade.

Overall grade

For each student, a single overall grade will be issued for the whole subject. The overall grade will be obtained from the sum of the Continuous Assessment of the clinical stays (maximum 2 points) and the score of the Practice Test (maximum 8 points).

The minimum score to pass this subject is established at 5 points, not being necessary a minimum score in each of the components to consider the subject passed.

In this subject the possibility of early call is excluded.

REFERENCES

Basic

- Cirugía AEC: manual de la Asociación Española de Cirujanos. P. Parrilla Paricio, J.I. Landa García. Madrid. Médica Panamericana, 2009.
- Harrison. Principios de Medicina Interna. 18ª Edición McGraw Hill.
- Kaplan-Sadock Sinopsis de Psiquiatría. Novena edición. Waberly Hispanica SA. Madrid 2004
- Manual Mosby de Exploración Física. H.M. Seidel y col., Elsevier-Mosby.



- Procedimientos en Medicina Interna. P. Conthe, Jarpyo Editores S.A., 2011, Madrid.
- Radiología Básica. Aspectos Fundamentales. W. Herring, Elsevier, 2012, Barcelona.
- Tratado de semiología, anamnesis y exploración. Swartzmh, Elsevier-Mosby, 2010, Barcelona.
- Cirugía: Fisiopatología general, aspectos básicos, manejo del paciente quirúrgico. S. Cruz. Tratado de Pediatría. 11ª ed. Panamericana. 2014.
- F.J. Laso. Introducción a La Medicina Clínica. 2ª Edición. Masson. 2010
- Ginecología y Obstetricia para el Grado de Medicina. Editorial Médica Panamericana, 2014.
- Kliegman RM. Nelson. Tratado de Pediatría. 19ª ed. Elsevier. 2012.
- LS Bickley. Guía de exploración física e historia clínica. 10ª Edición Wolters Kluwer. 2010.
- Vallejo Ruiloba J. Introducción a la Psicopatología y la Psiquiatría. Masson. Barcelona, 2011.
- Williams Obstetricia. Editorial McGraw-Hill, 2010.

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

Siguiendo las recomendaciones del Ministerio, la Consellería y el Rectorado de nuestra Universidad, para el período de la "nueva normalidad", la organización de la docencia para el primer y segundo cuatrimestre del curso 2020-21, seguirá un modelo híbrido, donde tanto la docencia teórica como práctica se ajustará a los horarios aprobados por la CAT pero siguiendo un modelo de Presencialidad / No presencialidad en la medida en que las circunstancias sanitarias y la normativa lo permitan y teniendo en cuenta el aforo de las aulas y laboratorios docentes. Se procurará la máxima presencialidad posible y la modalidad no presencial se podrá realizar mediante videoconferencia cuando el número de estudiantes supere el coeficiente de ocupación requerido por las medidas sanitarias. De manera rotatoria y equilibrada los estudiantes que no puedan entrar en las aulas por las limitaciones de aforo asistirán a las clases de manera no presencial mediante la transmisión de las mismas de manera síncrona/asíncrona via "on line".