

**COURSE DATA****DATA SUBJECT****Code:** 34470**Name:** Primary care and geriatry**Cycle:** Undergraduate Studies**ECTS Credits:** 6**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Facultat de Medicina i Odontologia	5	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1204 - Degree in Medicine	Human clinical training I	COMPULSORY

COORDINATION

NAVARRO PEREZ JORGE

SUMMARY

The subject "Primary health care and geriatrics" has as the basic objective to set the theoretical and practical basis of a quality health care from the field of the primary health care: the prevention and control of the most prevalent pathologies and the community attention of the population, deepening in some aspects of the old patient approach. Another objective is relating the student with the reality of the medicine that the family doctor performs, providing him/her with a general vision, considering the patient as a whole, following the bio-psychosocial model.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

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

OTHER REQUIREMENTS

It is advisable for the students to have passed the subjects: Physiology, History of Medicine, Medical Ethics, Epidemiology and Preventive Medicine, Communication, Medical Psychology, General Pathology and Semiology.



COMPETENCES / LEARNING OUTCOMES

1204 - Degree in Medicine

Acknowledge diversity and multiculturality.

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.

Capacity for communicating with professional circles from other domains.

Conocer los diferentes aspectos de la medicina familiar y comunitaria: entorno vital de la persona enferma, promoción de la salud en el ámbito familiar y comunitario.

Consideration of ethics as a fundamental value in the professional practise.

Criticism and self-criticism skills.

Establish the diagnosis, prognosis and treatment, applying principles based on the best information available and on conditions of clinical safety.

Have the capacity to make an initial diagnosis and establish a reasonable strategy of diagnosis.

Indicate the most accurate therapy in acute and chronic processes prevailing, as well as for terminally ill patients.

Is aware of the characteristics of prevalent pathologies in the case of elders.

Keep and use medical records which contain information about the patient for later analysis, preserving the confidentiality of personal data.

Know how to use IT in clinical, therapeutic and preventive activities, and those of research.

Know how to use the sources of clinical and biomedical information available, and value them critically in order to obtain, organise, interpret and communicate scientific and sanitary information.

Knows how to evaluate modifications in clinical parameters at different ages.

Knows how to perform a complete anamnesis, focused on the patient and orientated to various pathologies, interpreting its meaning.

Knows how to set an action plan, focused on the patients needs and the family and social environment, which should be coherent regarding the patients symptoms and signs.

Knows the applications of palliative medicine.

Obtain and elaborate a clinical history with relevant information.

Perform a physical examination and a mental health assessment.



Plan and propose appropriate preventive measures for each clinical situation.

Proper organisation and planning of the workload and timing in professional activities.

Recognise and address situations which may be life-threatening and others which demand immediate attention.

Recognises, diagnoses and guides the management of intoxication.

Team-working skills and engaging with other people in the same line of work or different.

Working capacity to function in an international context.

DESCRIPTION OF CONTENTS

1. THEORY

1. Introduction to Family and Community Medicine. Organization of primary care. Continuity of care. Socio-sanitary coordination and multimorbidity.
2. Preventive and health promotion activities (I).
3. Preventive and health promotion activities (II).
4. Family care and practice. Home care.
5. Family-patient-physician relationship and communication. Clinical interview
6. Social determinants in health.
7. Attention to women.
8. Management of chronic renal failure in Primary Care.
9. Management of type 2 diabetes in Primary Care.
10. Management of Asthma and COPD in Primary Care.
11. Management of heart failure in Primary Care.
12. Mental health. Management of anxiety and depression in Primary Care.
13. People with toxic habits and risk behaviors.
14. Emergency care.
15. Approach to smoking.
16. Community care.
17. Geriatrics and aging.
18. Comprehensive geriatric assessment.
19. Major geriatric syndromes and clinical practice.
20. Emergencies in the elderly patient.
21. Oropharyngeal dysphagia.
22. Chronic pain management in the elderly patient.
23. Limitation of therapeutic effort and Euthanasia.
24. Palliative care in the elderly patient (I).
25. Palliative care in the elderly patient (II).



2. PRACTICES

SEMINARS

1. Approach to obesity.
2. Approach to type 2 diabetes.
3. Cardiovascular prevention.
4. Cardiovascular disease.
5. Rational use of drugs in primary care.
6. Practice management.
7. Sarcopenia.
8. Fragility.
9. Oncogeriatrics.
10. Use of the subcutaneous route.
11. Polypharmacy.
12. Research in Primary Care.

PRACTICES

Internships will be at health centers.
Total hours: 25 (5 days, 5 hours per day).

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	26,00
Seminars	26,00
Laboratory	0,00
In-class tutorials	0,00
Clinical practice	23,00
Total hours	75,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	4,00
Individual or group project	6,00
Independent study and work	20,00
Preparation of lessons	15,00
Preparation for assessment activities	20,00
Resolution of case studies	10,00
Preparation of supplementary reports	0,00
Preparation of the internship report and evaluation of the internship	0,00
Total hours	75,00

TEACHING METHODOLOGY



In the **theoretical lessons**, the teacher will expose, through master class, the most important concepts and contents in a structured way, to obtain the knowledge and skills that the students must acquire. The students' participation will be encouraged. The teaching materials used by the professor will be available, if he considers it appropriate, through the electronic resource Aula Virtual.

Classroom practices: Los seminarios son en línea: 12 unidades temáticas, modalidad on line a través del Aula Virtual, con un Foro para dudas y un examen tipo test para cada seminario (que no puntua)

Clinical cases study: intensive and complete analysis of a fact, problem or real happening with the goal of knowing it, interpreting it, contrasting data, diagnosing it and, sometimes, training in the possible alternative procedures of solution.

Clinical practices: clinical stays of the students in the primary healthcare centres in the different hospital areas to learn how to perform an anamnesis and a basic clinical exploration, with a first contact with patients, always being supervised by the professor.

Practical workshops (Sovamfyc working groups, optional).

- The gender perspective, the respect for diversity, and the sustainable development goals (SDGs) will be incorporated into teaching, whenever possible.

e.

EVALUATION

Theoretical assessment: 50% of the final mark. It will be made by a written test that will be about the content of the program and will have as the main objective the acquisition of knowledge.

Practical assessment: 50% of the final mark. It will be made by a test that assesses the acquisition of the knowledge related with the general and specific competencies.

Written test: 80 multiple-choice questions, with 4 possible answers. The 50% of the questions will be related with the theoretical part (units 1-23); the other 50% with the practical part (clinical cases and seminars). Three wrong questions subtract one right question. In order to pass, all good results will be taken into account as a whole, not in sections. The content of the test will be the same for each group of the same subject.

- In order to access to an advance on the call of this subject, it is a requirement that the student has coursed all his/her practices.

- Attendance at practical activities is mandatory. The student is considered to meet this requirement if he or she has attended a minimum of 80% of these activities and has adequately justified the impossibility of attending the remaining sessions due to the occurrence of a cause of force majeure. It will be essential to comply with this requirement to pass the subject.



- Students are reminded of the importance of carrying out evaluation surveys on all the teaching staff of the degree subjects.

REFERENCES

BÁSICAS

- V. Casado (ed.). Tratado de Medicina de Familia y Comunitaria. Semfyc: Barc. 2012, 2ª ed.
- M. Serrano (ed.). Medicina de Familia. Guía para estudiantes. Semfyc, Barc: Ariel. 2005
- Martín Zurro. Atención Primaria 2019, 8º edición
- Guía de Actuación en Atención Primaria, semfyc 5ª ed
- Medicina de familia. Principios y práctica (Taylor RB) 2006, 6ª ed
- Problemas de salud crónicos: nuevas orientaciones, nuevas estrategias, 2013. www.semfyc.es

RECURSOS e-Salut:

- ClinicalKey Student Medicina, Odontologia y Enfermería
[<https://uv-es.libguides.com/RecursosSalut>]
- Acces Medicina
[https://uv-es.libguides.com/Access_Medicina]
- Médica Panamericana
[https://uv-es.libguides.com/Medica_Panamericana]

COMPLEMENTARIAS

- Informe sistema Nacional de Salud 2018 (www.mssi.gob.es)
- Servicios sanitarios de las CCAA (FADSP 2016) (www.fadsp.org)
- Estrategia para la atención a pacientes crónicos en la Comunidad Valenciana. Generalitat V, 2014.
- Marco estratégico Atención primaria y Comunitaria, 2019. Ministerio de Sanidad.
- Estrategia para el abordaje de la cronicidad en el sistema Nacional de salud. MSSI. 2012.
- Marco estratégico Atención primaria y Comunitaria 2022-2023. Generalitat Valenciana.
- Informe anual sistema nacional de salud 2020-2021. Ministerio de Sanidad, 2022.