

**COURSE DATA****DATA SUBJECT****Code:** 34494**Name:** Clinical anatomy**Cycle:** Undergraduate Studies**ECTS Credits:** 4.5**Academic year:** 2026-27**STUDY (S)**

Degree	Center	Acad. year	Period
1204 - Degree in Medicine	Facultat de Medicina i Odontologia	2	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1204 - Degree in Medicine	Optional subjects	ELECTIVES

COORDINATION

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SUMMARY

The Human Anatomy is one of the foundations by which the education of our Medicine students is built; however, the academic programs, with few hours, cannot cover the important interrelation of the Anatomy with the Clinic. The introduction of the new diagnosis and images techniques have made of the Anatomy an even more exact science and have moved the anatomical discipline to the field of the Clinical Anatomy.

In this discipline, the distance between normal general Anatomy and the clinical implications of the Anatomy, which are very frequent and quite a few, is kept, as well as the anatomical variations arising in the formation of the human body, variations that can produce clinical disorders and which the Medicine student must know and learn without any doubt.

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 recommended students approved the subject of Anatomy of 1st grade.

COMPETENCES / LEARNING OUTCOMES

1204 - Degree in Medicine

Acknowledge diversity and multiculturality.

Capacity for communicating with professional circles from other domains.

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

Criticism and self-criticism skills.

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

Students must be able to apply their knowledge to their work or vocation in a professional manner and have acquired the competences required for the preparation and defence of arguments and for problem solving in their field of study.

Students must have the ability to gather and interpret relevant data (usually in their field of study) to make judgements that take relevant social, scientific or ethical issues into consideration.

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

Understand and recognise the structure and normal function of the human body, at the following levels: molecular, tissue, organic, and of systems, in each phase of human life and in both sexes.

Working capacity to function in an international context.

DESCRIPTION OF CONTENTS

1. THEORY

- 1.- Introduction and basic concepts in clinical anatomy.
- 2.- Basic clinical embryology: congenital anatomical anomalies or birth defects.
- 3.- Clinical anatomy of the vertebral column.
- 4.- Clinical anatomy of the lower limb (I): foot and leg.
- 5.- Clinical anatomy of the lower limb (II): thigh and pelvic girdle.
- 6.- Clinical anatomy of the upper limb (I): hand and forearm.
- 7.- Clinical anatomy of the upper limb (II): arm and shoulder girdle.
- 8.- Clinical anatomy of the chest (I): chest walls.
- 9.- Clinical anatomy of the chest (II): thoracic viscera.
- 10.- Clinical anatomy of the abdomen (I): abdominal walls.
- 11.- Clinical anatomy of the abdomen (II): abdominal viscera.
- 12.- Clinical anatomy of the pelvis (I): pelvic walls.



- 13.- Clinical anatomy of the pelvis (II): pelvic viscera.
- 14.- Clinical anatomy of the neck.
- 15.- Clinical anatomy of the head.
- 16.- Clinical anatomy of the sense organs.
- 17.- Clinical anatomy of the cranial nerves.
- 18.- Clinical anatomy of the central nervous system (I): spinal cord
- 19.- Clinical anatomy of the central nervous system (II): brain

2. PRACTICES

SEMINARS

- 1. Seminar on clinical embryology.
- 2.- Seminar on clinical anatomy of the spine.
- 3.- Seminar on clinical anatomy of the lower limb.
- 4.- Seminar on clinical anatomy of the upper limb.
- 5.- Seminar on clinical anatomy of the chest.
- 6.- Seminar on clinical anatomy of the abdomen.
- 7.- Seminar on clinical anatomy of the pelvis.
- 8.- Seminar on clinical anatomy of the head and neck.
- 9.- Seminar on clinical anatomy of the sense organs.
- 10.- Seminar on clinical anatomy of the cranial nerves.
- 11.- Seminar on clinical anatomy of the central nervous system.

TUTORIALS

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Tutorials	4,00
Theory	19,00
Seminar	22,00
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	7,00
Individual or group project	5,00
Independent study and work	28,50



Preparation of lessons	10,00
Preparation for assessment activities	12,00
Resolution of case studies	5,00
Total hours	67,50

TEACHING METHODOLOGY

Theoretical classes, the teacher will expose through masterclass, the concepts and most important content in a structured way, to obtain the knowledge and skills that students should acquire. It will boost the participation of the students. Available teaching material used by the Professor, if it deems appropriate, from the electronic resource Aula Virtual.

Classes classroom practices. **Seminars**: in small groups the professor will pose the subjects in depth, case studies, current affairs. It will enhance teamwork.

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

EVALUATION

Theoretical evaluation: 60% of the final score. It will be carried out by means of a written test that will deal with the contents of the theoretical program and the seminars, with the objective of evaluating the acquisition of knowledge. The exam will consist on 30 multiple choice questions (4 possible answers, 1 true/3 false). Each wrong answer deducts a quarter of the value of the question answered correctly. Blank answers do not penalize.

Practical evaluation: 40% of the final score. It will consist of the realization of an individual work on some subject of Anatomy with application or clinical repercussion; the assistance to the practices will be rated.

To pass the subject it is necessary to obtain a minimum of 5 out of 10 points in both parts.

It is a requirement to access the advance call for this subject that the student has completed all of the practices.

Attendance to the practical activities is mandatory. It is considered that the student complies with this requirement if he/she has attended a minimum of 80% of these activities and has adequately justified the impossibility of attending the remaining sessions due to force majeure. It will be essential to comply with this requirement to pass the course.

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

REFERENCES



BASIC:

- CANBY C.A. (2007) Anatomía basada en la resolución de problemas. 1ª edición. Ed. Elsevier Saunders, 318 páginas.
- DRAKE R.L.; MITCHELL A.M.W.; VOGL A.W. (2020) Gray. Anatomía para estudiantes. 4ª edición. Ed. Elsevier, 1304 páginas.
- HANSEN J.T.; LAMBERT D.R. (2015) Netter. Anatomía Clínica. 3ª edición. Ed. Elsevier Masson, 515 páginas.
- MOORE K.L.; DAILEY A.F.; AGUR A.M.R. (2018) Anatomía con orientación clínica. 8ª edición. Ed. Wolters Kluwer, 1.133 páginas.
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- PRÓ, E. (2012), Anatomía Clínica 1ª edición. Ed. Médica Panamericana, 1026 páginas.
- SPLITTGERBER R. (2019) Snell. Neuroanatomía clínica. 8ª edición. Ed. Wolters Kluwer, 560 páginas.
- THOMPSON J.C. (2004) Netter. Atlas Práctico de Anatomía Ortopédica. 1ª edición. Ed. Masson S.A., 318 páginas.
- Recursos e-Salut: ClinicalKey Student Medicina, Odontología 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]