COURSE DATA

DATA SUBJECT

Code: 34333
Name: General podiatry
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1208 - Degree in Podiatry	Facultat d'Infermeria i Podologia	1	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1208 - Degree in Podiatry	General podiatry	COMPULSORY

COORDINATION

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SUMMARY

The General Podiatry course (code 34333) is a compulsory subject taught in the first year of the Bachelor's degree in Podiatry. Specifically, this subject is taught in the first semester of the first year. It is the first specific subject of the degree. The basic content of the subject refers to the fundamentals of podiatry, such as: podiatric terminology, specific examination techniques, complementary podiatric examination tests, clinical examination of the lower limbs, as well as the analysis of human gait and the development and foundation of the clinical history. This content will become key topics for the development of the other subjects of the Bachelor's degree in Podiatry. In other words, the General Podiatry course is the fundamental foundation for students to immerse themselves in the strict field of podiatry and where the role of the podiatrist within the healthcare field will be defined. The subject will have its specific clinical practice within the course's practical program.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

Relationship with other subjects in the same degree. No enrollment restrictions have been specified for other subjects in the curriculum. Other types of requirements: No restrictions.

COMPETENCES / LEARNING OUTCOMES

1208 - Degree in Podiatry

Act in accordance with moral duties, current legislation and criteria of good practice. Patient's rights. Civil and medical liability. Ethical problems in the practice of the profession. Instruments that help the professional in case of ethical problems. Professional framework. Rights and obligations of the professional.

Develop the ability to carry out the radiological activities typical of podiatry. X-ray equipment. Image-formation magnitudes and units. Radiation detection. Quality control and calibration of radiodiagnostic facilities. Radiobiology and radioprotection. Legislation. Know other techniques for obtaining diagnostic images of the foot. Radiological techniques. Radiological interpretation.

Identify and analyse health problems in the feet in relation to different environmental, biodynamic and social aspects, and also learning in relation to the evaluation of scientifically proven facts and data analysis in general, to apply podology based on scientific evidence.

Know and apply prevention and education strategies for podiatric health. Podiatric occupational health. Prevention of occupational hazards in podiatry. Sanitation and disinfection. Podiatric health education methods. Design and evaluate health education programmes. Preventive podiatry. Anthropology of health and disease. Health and gender.

Know the basics of podiatry. Ergonomics. History of the profession and conceptual framework. Concept of profession. Technical nomenclature used in the health sciences. Acquire capacity in the clinical management of podiatry services.

Know the different diagnostic systems, their characteristics and interpretation, and the handling of podiatric radio-diagnosis facilities and radio-protection. Atomic structure of matter. Radioactivity. Interaction of electrons and photons with matter.

Prepare a podiatric medical history and record the information obtained. Phylogeny of the locomotive system. The foot through history. Develop the techniques of physical exploration. Normal clinical parameters in lying position and in static and dynamic standing. Clinical examination techniques. Study of the podiatric techniques and performance in the health field.

DESCRIPTION OF CONTENTS

1. Introduction to podiatric knowledge. General concepts. Medical history. Clinical examination techniques and methods. Physical examination.
2. Evolution of the lower limbs. Phylogeny of the locomotor system. Theories of support. Ossification nuclei in the foot. Laws of bone growth. Support in pes cavus. Support in pes planus.
3. Musculoskeletal study of the lower limb. Introduction to lower limb examination. Glossary of definitions.
4. Complementary diagnostic techniques and their interpretation. Radiology of the lower limb. Footprint study. Pedigraphy. Photopodogram. Podiatry.
5. Semiology and examination of the locomotor system. Study of disymmetries in the lower limbs. Semiology and examination of the hip. Semiology and examination of the knee. Semiology and examination of the hindfoot. Semiology and examination of the midfoot. Semiology and examination of the forefoot.
6. Human gait. Gait cycle. Gait examination. Semiology of gait.
7. Laboratory Practices (L)
1st Practice L. Exploratory maneuvers of the musculoskeletal system. Description and practice of clinical examination procedures for the lower limbs.
2nd Practice L. Footprint analysis using a podosocopy. Analysis of plantar prints obtained using podosocopy.
3rd Practice L. Performing pedigraphs. Analysis of plantar prints obtained using ink pedigraphy.
4th Practice L. Video presentation of examination maneuvers.
8. Classroom Practices (P)
1st Practice P: Semiology and examination of the lower limb.
2nd Practice P: Semiology and vascular examination of the lower limbs.
3rd Practice P: Plantar pressures and gait analysis.
4th Practice P: Radiological diagnosis

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Tutorials	2,00
Theory	40,00
Laboratory	8,00
Classroom practices	10,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	16,00
Independent study and work	27,00
Preparation of lessons	22,00
Preparation for assessment activities	25,00
Resolution of case studies	0,00
Total hours	**90,00**

TEACHING METHODOLOGY

Forty hours of class time will be devoted to developing the theoretical content of the course. These classes will be taught using a lecture method supported by audiovisual material. For the practical portion, please see the content section.

EVALUATION

The assessment will have the following percentages: theoretical activities (50%) and practical activities (50%). The theoretical activities will be assessed as follows:
* Multiple-choice exam with 50 questions and 3 answer options.
* Every two incorrect answers will subtract the equivalent of one correct answer.
* The exam will last approximately 75 minutes.
* * To be eligible for this assessment, a grade of PASS must have been obtained in the practical activities.
* The minimum grade to pass this assessment is 5 points.
The practical activities will be assessed as follows: * Activities may be carried out using ICT tools such as the virtual classroom as part of the student's independent study and work. *
Attendance at the practical classes is mandatory (at least 80%). *<
They consist of 8 sessions, each lasting two hours.
* The percentage corresponding to continuous assessment activities in the practical activities will be considered to account for 50% of the total assessment.
* The practical exercises will have the same value.
* Some of these activities will be carried out using the virtual classroom with questionnaires, thus determining continuous assessment using the flipped classroom methodology. This means that students will have access to teaching materials so they can work independently outside of the classroom. They will complete activities that they will submit through the virtual classroom, remotely. In the in-person practical sessions, they will work on resolving questions and progressing on content based on previously completed outside of the classroom work.
Students who do not complete the practical program in person must make a series of videos for each of the practical exercises, reflecting the content of each one as an alternative to the completed labs.
Students must submit a video on examination maneuver techniques, which may be chosen from among those included in the course's practical exercises. Each technique must have its bibliographic reference. If a student fails any of the sections of the course (theoretical or practical), the following will be reflected in the transcript:
The result of the theoretical exam, once the practical section has been passed.
The result of the practical section, if the practical section is not passed.
In the second sitting, students who have not taken or passed the practical section will be retaken through continuous assessment by taking a practical test, the content of which will be included in the practical program for the course. The test will be given in the practical classroom after the second sitting theoretical exam.

REFERENCES

- LASO GUZMÁN, F.J., 2020. *Introducción a la medicina clínica¿: fisiopatología y semiología*. Cuarta edición. Barcelona: Elsevier. ISBN 9788491137603.

- BICKLEY, L.S., SZILAGYI, P.G., HOFFMAN, R.M. y BATES, B., 2018. *Bates guía de exploración física e historia clínica*. 12.a edición. Barcelona: Wolters Kluwer. ISBN 9788416781676.

- BALL, J. y SEIDEL, H.M., 2023. *Guía Seidel de exploración física*. 10a edición. Barcelona: Elsevier. ISBN 9788413824659.

- CARDELLACH, F., GRAU JUNYENT, J.M. y ROZMAN, C., 2014. *Compendio de anamnesis y exploración física*. Barcelona: Elsevier. ISBN 9788490224366.