COURSE DATA

DATA SUBJECT

Code: 34357
Name: Resolution of clinical cases
Cycle: Undergraduate Studies
ECTS Credits: 4.5
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1208 - Degree in Podiatry	Facultat d'Infermeria i Podologia	4	First quarter

SUBJECT-MATTER

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

COORDINATION

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SUMMARY

The course Clinical Case Resolution is part of the specific module of the University of Valencia within the curriculum of the Bachelor's Degree in Podiatry. It is taught during the first semester of the fourth year of the program. This course addresses health problems that may affect the foot from a strictly podiatric perspective, explaining the most appropriate solutions depending on the specific issue. It is inherently cross-disciplinary, as the proposed approaches to resolving the podiatric problems presented are drawn from all subjects studied from the first to the third year of the degree, as well as from the theoretical and practical knowledge acquired by students during that period of learning.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

The syllabus covered in this course is transversal to all the knowledge acquired up to the fourth year of the podiatry degree. All previous courses, as well as some courses taught in the fourth year during the same semester, provide perspectives on the health problems of the foot and their solutions. Therefore, having completed the previous courses helps in deciding the most appropriate solution or solutions to the problem presented.

To get the most out of this course, students must have previously passed the following subjects: Biomechanics and Pathomechanics of the Lower Limbs, Orthopodology I, II, and III, Podiatric Surgery I, Chiropody I and II, Preventive Podiatry, and Podiatric Pathology. These courses provide the necessary knowledge and skills to solve the clinical situations presented.

COMPETENCES / LEARNING OUTCOMES

1208 - Degree in Podiatry

Acquire capacity in the clinical management of podiatry services.

Develop the skill and dexterity in the use of instruments, equipment and machinery used for the preparation and implementation of orthosis treatments. General concept of orthopedics. The orthosis workshop. Orthosis therapeutic materials technology. Fundamentals and techniques for foot-leg casts.

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.

Identify and integrate professional practice with respect for the patient's independence; describe the elements of clinical documentation management, paying special attention to confidentiality; Identify the basic criteria of clinical management, health economics and efficient use of resources.

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 and identify the pathological processes of the foot and the systemic processes that affect the feet, the foot at risk and the clinical pathological parameters of the structural and functional conditions of the locomotor system in lying position and in static and dynamic standing. Identify dermatological lesions and their treatment Know and apply the specific pharmacology for podiatric use.

Know the Spanish health system and the basic aspects related to the management of healthcare services, mainly those related to podiatric care and rehabilitation, taking account of gender perspective.

Obtener la capacidad, habilidad y destreza necesarias para diagnosticar, prescribir, indicar, realizar y/o elaborar y evaluar cualquier tipo de tratamiento podológico, ortopodológico, quiropodológico, cirugía podológica, físico, farmacológico, preventivo y/o educativo, basándose en la Historia Clínica, y actuando en todo momento en base al cumplimiento de las obligaciones deontológicas de la profesión, la legislación vigente y los criterios de normopraxis.

Poseer un cuerpo de conocimientos teóricos y prácticos, que lo capaciten para la adecuada comprensión y aplicación del Método Científico y para la medición de las funciones biológicas y del análisis y evaluación de datos y hechos científicamente probados, como procesos fundamentales para el ejercicio y desarrollo de las ciencias de la salud.

DESCRIPTION OF CONTENTS

0. Description of Theoretical Contents

Lesson 0. Course Introduction.

1. Thematic Unit I. Biomechanics and Pathomechanics of the Lower Limbs and Orthopodology.

Topic 1 (6 hours): Clinical cases related to Biomechanics and Pathomechanics of the lower limbs, orthopodology, orthesiology, and therapeutic footwear will be studied.

2. Thematic Unit II. Physical Podiatry and Pharmacology.

Topic 2 (6 hours): Clinical cases related to Orthopodology will be worked on.

3. Thematic Unit III. Chiropody and Surgery.

Topic 3 (6 hours): Clinical cases related to chiropody and surgery will be studied.

4. Thematic Unit IV. Communication with the Patient, Scientific and Interprofessional in Health.

Topic 4 (6 hours): Communication with the patient, scientific communication content, report writing to communicate with other health professionals, and the design and layout of posters will be worked on.

5. Classroom Practices

Practices 1 to 5: Resolution of clinical cases and reinforcement activities through clinical simulation applied to podiatry.

Common learning objectives for both practices:

a. Practice exploration in non-weight-bearing, partial weight-bearing, and full weight-bearing conditions.

b. Practice specific exploration tests.

c. Assess gait using a recording system and the Kinovea software.

d. Assess posture and dynamics using a platform.

e. Assess gait using computerized insoles.

6. Computer Practices

Practices 1 and 2 (2 hours): Writing reports to request complementary tests and communicate the resolution of clinical cases.

Common objectives for both practices:

a. Practice report writing.

7. Laboratory Practices

Practice 1 (2 hours): Exploration and gait assessment using baropodometry, Podosmart insoles, and video recording.

Practice 2 (2 hours): Exploration and gait assessment using baropodometry, Podosmart insoles, and video recording.

Common learning objectives for both practices:

a. Practice exploration in non-weight-bearing, partial weight-bearing, and full weight-bearing conditions.

b. Practice specific exploration tests.

c. Assess gait using a recording system and the Kinovea software.

d. Assess posture and dynamics using a platform.

e. Assess gait using computerized insoles.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Tutorials	2,00
Theory	25,00
Laboratory	4,00
Computer classroom practice	4,00
Classroom practices	10,00
Total hours	**45,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	10,00
Independent study and work	39,00
Preparation of lessons	10,00
Preparation for assessment activities	5,00
Resolution of case studies	3,50
Total hours	**67,50**

TEACHING METHODOLOGY

The theoretical content will be delivered using a combination of flipped classroom methodology, participatory lectures, focus groups, and teamwork. Certain clinical case resolutions will be defended by the students.

The classroom practice sessions will be led specifically by the students. Working in teams, each group will have to resolve a clinical situation using images and videos provided by the teaching staff.

In the computer practices, work will be done either in teams or individually. The practice will consist of writing up the resolution of clinical cases and requests for complementary tests.

Laboratory practices will be conducted in pairs.

EVALUATION

The subject is evaluated as follows, in order of percentage:

Practical classroom content: 10% (1 point).

Students will submit a prescription for medication and/or a task related to the clinical cases worked on during the clinical simulation. The evaluation will be based on a rubric available in the subject¿s virtual classroom.

This evaluation will only be carried out once, and the grade will apply to both the first and second exam sessions. The grade will be kept for one academic year.

Practical computer content: 10% (1 point).

Students will submit the number of reports and requests for complementary tests indicated at the appropriate time. The evaluation will be based on a rubric available in the subject¿s virtual classroom.

This evaluation will only be carried out once, and the grade will apply to both the first and second exam sessions. The grade will be kept for one academic year.

Laboratory practices: 0% (0 points, pass/fail).

Attendance at laboratory practices is mandatory. If the subject is repeated, attendance will not be mandatory.

Evaluation of theoretical content: 30% (3 points).

a. Defense of the resolution of a clinical case seen in class. This defense will be submitted in the virtual classroom via a task enabled for this purpose. The score to be obtained will be 1 point based on a rubric.

b. Defense of the resolution of a clinical case seen in class through a poster. The poster will be

submitted in the virtual classroom via a task enabled for this purpose. The score to be obtained will be 2 points based on a rubric.

This evaluation will only be carried out once, and the grade will apply to both the first and second exam sessions. The grade will not be kept.

Final evaluation: 50% (5 points).

This will be carried out through a multiple-choice exam. The minimum passing grade is 2.5 points. If this is not achieved, the exam must be retaken in the second session, and the grade recorded on the transcript will be 4 points. If the minimum grade is not achieved in the second session, the subject must be repeated the following academic year, and the grade recorded will be 4 points.

The scores from the other modalities (classroom practice, laboratory, and computer) will only be added if the minimum grade in the theoretical modality is obtained.

REFERENCES

- Those included in all the subjects of the degree.