



Information about the course

Degree: Bachelor of Science Degree in Podiatry

Faculty: Faculty of Medicine and Health Sciences

Code: 472007 **Name:** General Podiatry

Credits: 6,00 ECTS **Year:** 1 **Semester:** 2

Module: GENERAL PODIATRY AND BIOMECHANICS

Subject Matter: Podología General **Type:** Obligatoria

Branch of knowledge: PODOLOGÍA

Department: Pathology

Type of learning: Classroom-based learning

Language/-s in which it is given: Spanish

Teachers:

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Module organization

GENERAL PODIATRY AND BIOMECHANICS

Subject Matter	ECTS	Subject	ECTS	Year/semester
Podología General	9	General Podiatry	6	1/2
		Preventive Podiatry	3	4/1
Biomecánica	15	Biomechanics	6	2/2
		Sports Podiatry	6	3/2
Radiología	6	Radiology and Radiation Protection	6	3/1
Investigación y Gestión	9	Introduction to research and sanitary documentation	6	4/1



Learning outcomes

Al finalizar la asignatura, el estudiante deberá demostrar haber adquirido los siguientes resultados de aprendizaje:

R1 - Conocer la historia evolutiva del miembro inferior y los aspectos más importante de la historia de la podología.

Learning outcomes of the specified title

Type of AR: Habilidades o Destrezas

- Identify and integrate professional practice with respect for patient autonomy; describe elements related to handling clinical documentation, with special attention to confidentiality; identify basic clinical management, health economics, and efficient use of resources.

Type of AR: Conocimientos o contenidos

- Understand the fundamentals of podiatry. Ergonomics. History of the profession and conceptual framework. Concept of the profession. Technical nomenclature used in health sciences. Acquire capacity for clinical management of podiatry services.

- Understand the Spanish healthcare system and basic aspects related to health service management, especially those related to podiatric care and rehabilitation.

R2 - Entender las funciones del podólogo dentro de la sanidad, sabiendo realizar una historia clínica, y dominar los métodos exploratorios y clínicos más importantes.

Learning outcomes of the specified title

Type of AR: Habilidades o Destrezas

- Identify and integrate professional practice with respect for patient autonomy; describe elements related to handling clinical documentation, with special attention to confidentiality; identify basic clinical management, health economics, and efficient use of resources.

Type of AR: Conocimientos o contenidos



- Understand the Spanish healthcare system and basic aspects related to health service management, especially those related to podiatric care and rehabilitation.

R3 - Describir y analizar los principales tratamientos.

Learning outcomes of the specified title

Type of AR: Habilidades o Destrezas

- Identify and integrate professional practice with respect for patient autonomy; describe elements related to handling clinical documentation, with special attention to confidentiality; identify basic clinical management, health economics, and efficient use of resources.

Type of AR: Conocimientos o contenidos

- Understand the fundamentals of podiatry. Ergonomics. History of the profession and conceptual framework. Concept of the profession. Technical nomenclature used in health sciences. Acquire capacity for clinical management of podiatry services.



Assessment system

Modalidad presencial

Assessed learning outcomes	Granted percentage	Assessment tool
R1, R2, R3	60,00%	TEST TYPE TESTS: Multiple-choice exam with one correct answer.
	5,00%	CLASS PARTICIPATION: The teacher evaluates the participation, involvement and progression of the acquisition of knowledge and skills of the student during the theoretical and practical classes.
R2, R3	15,00%	PRACTICAL EXAM: The student faces a test in which he/she must demonstrate through practical application the acquisition of certain knowledge. For example, histological or anatomopathological diagnoses, interpretation of images or diagnostic tests.
	20,00%	DELIVERABLE ACTIVITIES: Work/activity elaborated by the student

Observations

Minimum criteria to pass the General Podiatry subject:

- Having passed 50% of each assessment instrument, to average.

Evaluation criteria:

To pass the subject it will be mandatory to:

- Carry out all the activities that can be entered on the platform.
- A minimum grade of 5 out of 10 is considered a pass.
- Having passed the final and practical exam.

Theoretical evaluation (60%)

It will be carried out at the end of the course, through a final exam consisting of 50 objective multiple-choice questions (multiple choice). Wrong answers are penalized according to the formula:



Correct answers - (Errors / No. of answers -1) = X / (No. of questions / 10) The duration of the exam will be 75 minutes. It is essential to have passed the exam to average with all the assessment instruments. The minimum grade to pass the written test will be 5 out of 10. If the written test is not passed, the grade out of 10 will appear on the Intranet.

Practical exam evaluation (15%)

It will be carried out at the end of the course, through a final exam consisting of 2 questions from a list of clinical tests explained during the subject where the following points are assessed:

- Knows what is assessed by the test.
- Knows the material/initial position of performance.
- Correctly performs the test.
- Knows when it is negative/positive.

Activities carried out in reference to the practices and/or theoretical content (20%)

Throughout the course, activities aimed at the student's autonomous work will be carried out through the virtual platform that will be practical in nature and different in each subject, and the presentation of all the works may represent 20% of the final grade.

Maintaining the respective percentages, the assessment systems described above may be developed in continuous assessment mode throughout the semester, informing the students in advance and collecting this information on the UCVnet platform for the subject.

Final grades:

- The grade for the part passed will be saved for the second call for the same registration, regardless of the grade obtained in the first call.
- In subsequent registrations, partial grades for any assessment element are not saved.

MENTION OF DISTINCTION:

In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded. Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.



Actividades formativas

The methodologies to be used so that the students reach the expected learning outcomes will be the following:

- M1 Master Class: Problem solving. Presentation of content by the professor. Explanation of knowledge and skills.
- M8 Practical Classes: In the basic science laboratory rooms, simulation laboratory practices, workshop rooms, virtual hospital, and the dissection room.
- M9 Tutorías (T). Conjunto de actividades llevadas a cabo por el profesor de atención personalizada al estudiante o en pequeños grupos con el objetivo de revisar y discutir los materiales y temas presentados en la clase, seminarios, lecturas, realización de trabajo, etc. Se persigue asegurar que la educación sea, verdaderamente, una formación integral del alumno y no quede reducida a un trasvase de información. Se trata, por tanto, de una relación personalizada de ayuda en la que el profesor-tutor atiende, facilita y orienta a uno o varios estudiantes en el proceso formativo.
- M10 Evaluación (Ev). Es el conjunto de procesos que tratan de evaluar los resultados de aprendizaje obtenidos por los estudiantes y expresados en términos de conocimientos adquiridos, capacidades, destrezas o habilidades desarrolladas y actitudes manifestadas. Abarca un amplio conjunto de actividades que pueden desarrollarse para que los estudiantes demuestren su formación (ej.: pruebas escritas, orales y prácticas, proyectos o trabajos,). Incluye Convocatorias oficiales.

IN-CLASS TRAINING ACTIVITIES

ACTIVITY	RELATIONSHIP WITH THE COURSE LEARNING OUTCOMES	METHODOLOGY	HOURS	ECTS
MASTER CLASS	R1, R2, R3	Master Class: Problem solving. Presentation of content by the professor. Explanation of knowledge and skills.	46,00	1,84



PRACTICAL CLASSES	R3	Practical Classes: In the basic science laboratory rooms, simulation laboratory practices, workshop rooms, virtual hospital, and the dissection room.	10,00	0,40
EVALUATION	R1, R2, R3	Evaluación (Ev). Es el conjunto de procesos que tratan de evaluar los resultados de aprendizaje obtenidos por los estudiantes y expresados en términos de conocimientos adquiridos, capacidades, destrezas o habilidades desarrolladas y actitudes manifestadas. Abarca un amplio conjunto de actividades que pueden desarrollarse para que los estudiantes demuestren su formación (ej.: pruebas escritas, orales y prácticas, proyectos o trabajos,). Incluye Convocatorias oficiales.	4,00	0,16



TOTAL			60,00	2,40
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TRAINING ACTIVITIES OF AUTONOMOUS WORK

ACTIVITY	RELATIONSHIP WITH THE COURSE LEARNING OUTCOMES	METHODOLOGY	HOURS	ECTS
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TRABAJO AUTONOMO	R1, R2, R3		90,00	3,60
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TOTAL			90,00	3,60
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Description of contents

Descripción de contenidos necesarios para la adquisición de los resultados de aprendizaje.

Theoretical content:

Block of content	Contents
DIDACTIC UNIT I: Introduction to podiatry	1.Fundamentals of podiatry. History of the profession. 2.Phylogeny of the musculoskeletal system. Foot and history. Plantar vault. Basic Nomenclature 3.Medical history and informed consent. 4.Practice medical history and informed consent.
DIDACTIC UNIT II: Vascular assessment	1.Vascular system of the lower limb. 2.Vascular assessment: diagnostic method and risk factors; aggravating and mitigating. 3.Vascular assessment practice.
DIDACTIC UNIT III: Neurological assessment	1.Neurological system, knowledge of dermatomes and innervations. 2.Neurological assessment: exploration of sensitivity and reflexes. 3.Neurological examination practice.
DIDACTIC UNIT IV: Muscular assessment	1.Knowledge of inspection and palpation techniques. 2.Muscular assessment. 3.Basic functional aspects of the lower limb. 4.Muscle assessment practice.



DIDACTIC UNIT V: Lower limb assessment

1. Anatomy of the lower limb. Basic functional aspects of the lower limb.
2. Anatomical structures, physiological state of the hip joint, manipulate and justify the means of exploration and functional muscle anatomy of the spine.
3. Practice spinal exploration.
4. Practical assessment of the spine.
5. Anatomical structures, physiological state of the hip joint, manipulate and justify the means of exploration and functional muscle anatomy of the hip joint.
6. Practice exploration of the hip joint.
7. Practical assessment of the hip joint.
8. Anatomical structures, physiological state of the hip joint, manipulate and justify the means of exploration and functional muscle anatomy of the knee joint.
9. Practice exploring the knee joint.
10. Practical assessment of the knee joint.
11. Anatomical structures, physiological state of the hip joint, manipulate and justify the means of exploration and functional muscle anatomy of the ankle and foot joint.
12. Practice joint exploration of the ankle and foot joint.
13. Practical assessment of the joint of the ankle and foot joint.

DIDACTIC UNIT VI: Footprint assessment

1. Knowledge of the normal and pathological footprint.
2. Performing and analyzing measurements to assess the footprint.
3. Practice taking and assessment of footprint.
4. Practical use of pressure platform as a method of assessing the footprint.



Temporary organization of learning:

Block of content	Sessions	Hours
DIDACTIC UNIT I: Introduction to podiatry	5	10,00
DIDACTIC UNIT II: Vascular assessment	2	4,00
DIDACTIC UNIT III: Neurological assessment	2	4,00
DIDACTIC UNIT IV: Muscular assessment	4	8,00
DIDACTIC UNIT V: Lower limb assessment	14	28,00
DIDACTIC UNIT VI: Footprint assessment	3	6,00



References

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