

**1. General information****Course:** CHIROPDIATRY I**Type:** CORE COURSE**Degree:** 399 - PODIATRY DEGREE**Center:** 16 - FACULTY OF SCIENCES OF THE HEALTH OF TALAVERA**Year:** 2**Main language:** Spanish**Use of additional languages:****Web site:****Code:** 32514**ECTS credits:** 6**Academic year:** 2023-24**Group(s):** 60 61**Duration:** First semester**Second language:****English Friendly:** Y**Bilingual:** N**Lecturer:** FELIX MARCOS TEJEDOR - Group(s): 60 61

Building/Office	Department	Phone number	Email	Office hours
Faculty of Health Sciences Office 2.7	CIENCIAS MÉDICAS	926051517	Felix.MarcosTejedor@uclm.es	FIRST SEMESTER: Mondays and Thursdays from 11:00 AM to 2:00 PM. SECOND SEMESTER: Mondays and Tuesdays from 11:00 AM to 2:00 PM. It is recommended to confirm in advance via email.

**2. Pre-Requisites**

Not established

**3. Justification in the curriculum, relation to other subjects and to the profession**

Chiropodology I focuses on the knowledge of the fundamental concepts of anesthesia and analgesia techniques, chiropodological treatments and drug administration, necessary for intervention in this subarea of Podiatry. It also studies the main cutaneous and traumatic affections of the foot, on which future professionals will intervene. It is a fundamental subject of the study plan, and one of the main reasons for consultation of patients in podiatry consultations are skin conditions (keratoderma) and its annexes (onicopathies).

The course serves as the basis for Chiropodology II, with which it is complemented, as with the rest of the module to which it belongs. It is based on knowledge acquired previously and in parallel with course from other modules and is necessary for the subsequent development of the practicum.

**4. Degree competences achieved in this course****Course competences**

Code	Description
CB01	Prove that they have acquired and understood knowledge in a subject area that derives from general secondary education and is appropriate to a level based on advanced course books, and includes updated and cutting-edge aspects of their field of knowledge.
CB02	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB03	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB04	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CB05	Have developed the necessary learning abilities to carry on studying autonomously
CE22	To know and identify the foot and systemic pathological processes with podiatric repercussion, foot risk and the pathological clinical parameters of the structural and functional affections of the locomotor apparatus in decubitus, static and dynamic standing. Identify dermatological lesions and their treatment. Know and apply the specific pharmacology of podiatric use.
CE27	Know, diagnose and treat dermatopathies and keratopathies, the treatment of helomas and their causes. Onychology, pathology and conservative treatment of the nail apparatus.
CE28	Know and apply the techniques of exploration, diagnosis and treatment of wounds, ulcers and infectious processes that affect the foot. Study, diagnose and treatment diabetic foot. Mechanisms of repair and healing.
CE29	Know and use chiropodological techniques and treatments and those for drugs administration.
CE30	Know and use the tools and instrumental in surgery and chiropodology, sterilization methods and the procedure of taking samples for cultures.
CE32	Know and apply complementary tests in chiropodology. Study and evaluation of the candidate patient for chiropodological treatments. Diagnostic protocols and cataloging surgical risk.
GC01	Know and apply the theoretical and methodological foundations of Podiatry.
GC03	Obtain the capacity, skill and ability necessary to diagnose, prescribe, indicate, perform and/or develop and evaluate any type of podiatric, orthopodological, chiropodological, surgical, physical, pharmacological, preventive and/or educational treatment, based on the clinical history.

**5. Objectives or Learning Outcomes****Course learning outcomes****Description**

Understand the importance of monitoring treated cases, as a primary source to evaluate the treatment performed.

Know the necessary material, instruments and equipment.

Know the pathophysiology of the main chiropodological affections.

Identify pathologies and know its treatment techniques.

Identify the advantages and disadvantages of each technique.  
Select the most suitable chiropodological technique in each case.

## 6. Units / Contents

### Unit 1: INTRODUCTION TO THE COURSE.

Unit 1.1 Presentation.

### Unit 2: PRINCIPLES IN CHIROPODOLOGY I

Unit 2.1 History and evolution of Chiropodology: Basic concepts.

Unit 2.2 Accreditation, design, equipment and instruments of a Quiropodology office

Unit 2.3 Cleaning, disinfection and sterilization. Methodology applied in Quiropodology.

Unit 2.4 Clinical history, protocols, complementary tests and sampling in Quiropodology.

Unit 2.5 Prevention of occupational risks in Quiropodology: action protocols.

### Unit 3: SKIN AND CUTANEOUS ANNEXES

Unit 3.1 Anatomy and physiology of the skin

Unit 3.2 Embryonic development, anatomy and physiology of the nail system.

### Unit 4: FUNDAMENTALS OF ONICOPATHIES.

Unit 4.1 Nail disorders. Terminology and classification.

Unit 4.2 Physiological, congenital and acquired onicopathies.

Unit 4.3 Onychomycosis.

Unit 4.4 Onychocryptosis.

### Unit 5: FUNDAMENTALS IN SKIN PATHOLOGY

Unit 5.1 Identification of Skin Lesions and Alterations.

Unit 5.2 Keratinization and Keratopathy.

Unit 5.3 Classification of Keratopathies: Congenital and Acquired. Most common locations.

Unit 5.4 Hyperkeratosis: Concept, Evolution, and Most Common Locations.

Unit 5.5 Helomas and Tilomas: Concept, Evolution, and Most Common Locations.

### Unit 6: DERMOPATHIES OF CHIROPODIAL INTEREST

Unit 6.1 Psoriasis.

Unit 6.2 Atopic Dermatitis.

Unit 6.3 Lichen Planus.

## 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Lectures	CB01 CB02 CB03 CB04 CB05 CE22 CE27 CE28 CE29 CE30 CE32 GC01 GC03	1.4	35	Y	N	Evaluation in the final test.
Workshops or seminars [ON-SITE]	Combination of methods	CB01 CB02 CB03 CB04 CB05 CE22 CE27 CE28 CE29 CE30 CE32 GC01 GC03	0.8	20	Y	Y	Seminars, workshops and / or group practices for problem solving and / or cases and simulation work. The contents will be evaluated within the evaluation system Final test and / or Practices. The student must attend all scheduled group activities (seminars, workshops, practices, etc ...). Justified absences due to major forces of cause may not exceed 30% of the scheduled activities. Unrecoverable.
Final test [ON-SITE]	Assessment tests	CB01 CB02 CB03 CB04 CB05 CE22 CE27 CE28 CE29 CE30 CE32 GC01 GC03	0.2	5	Y	Y	Evaluation in the final test.
Writing of reports or projects [OFF-SITE]	Self-study	CB01 CB02 CB03 CB04 CB05 CE22 CE27 CE28 CE29 CE30 CE32 GC01 GC03	0.8	20	Y	N	Reports, tasks or derivative works of the workshops or seminars. Evaluated within the Practices evaluation system. Unrecoverable.
Study and Exam Preparation [OFF-SITE]	Self-study	CB01 CB02 CB03 CB04 CB05 CE22 CE27 CE28 CE29 CE30 CE32 GC01 GC03	2.8	70	Y	N	Evaluation in the final test.
<b>Total:</b>			<b>6</b>	<b>150</b>			
<b>Total credits of in-class work: 2.4</b>			<b>Total class time hours: 60</b>				
<b>Total credits of out of class work: 3.6</b>			<b>Total hours of out of class work: 90</b>				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

## 8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
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Fieldwork assessment	10.00%	10.00%	Evaluation of reports or projects.
Final test	70.00%	70.00%	The final test will be of the test type and the formula used to establish the score is as follows: Final test note = ((Correct- (Errors / 2)) / (Total questions)) x 10.
Practical exam	20.00%	20.00%	Assessment of participation with use. The student must attend all scheduled group activities (seminars, workshops, practices, etc ...). Justified absences due to major forces of cause may not exceed 30% of the scheduled activities.
<b>Total:</b>	<b>100.00%</b>	<b>100.00%</b>	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

#### Evaluation criteria for the final exam:

##### Continuous assessment:

The current rating system will be applied at all times; Currently, UCLM student evaluation regulations, approved on May 23, 2022.

The Global evaluation is carried out based on the weighted average of the evaluation systems (Final test and practices). The student must achieve 40% of the final test.

##### Non-continuous evaluation:

The current rating system will be applied at all times; Currently, UCLM student evaluation regulations, approved on May 23, 2022.

The Global evaluation will be carried out based on the weighted average of the evaluation systems (Final test and practices). The student must achieve 40% of each system.

#### Specifications for the resit/retake exam:

The assessment of the practices, which have been passed by the student up to a maximum of two academic courses from the current course, will be kept, provided that the training activities are not modified.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
<b>General comments about the planning:</b> The temporal distribution of the different training activities during the course will be adapted to the needs of the students and may vary depending on the degree of their use and the criteria of the teaching staff involved in teaching the subject. The official academic calendar will be followed at all times.	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
E.G.V. Rutnting	Quiropodia práctica	Salvat	Barcelona		1928	
Camacho FM, Marscaró JM.	Onicología. Biología y alteraciones de la unidad unguea	Grupo aula	Madrid	84-7885-381-2	2006	
Ackerman, A.	Atlas Clínico de Enfermedades de la Piel	MARBAN		9788471013781	2002	
Garcia Carmona, FJ	Dermatología Podologica	Isdin			2005	
Martinez-Nova A.	Atlas de Cirugía Ungueal	Editorial Medica Panamericana	Barcelona	9788498357721	2015	
Zalacain, Z Manuel Ogalla, J y García-Patos, V	Atlas y sinopsis de enfermedades cutáneas del pie	Edikamed	Barcelona	978-84-7877-536-1	2008	
Peña, A	Atlas de Dermatología del Pie	Editorial Medica Panamericana		9788498350623	2007	
Singal A, Arora R	Nail as a window of systemic diseases.				2015	
Lipner SR, Scher RK.	Onychomycosis: Clinical overview and diagnosis.				2019	
Garcia, FJ y Fernández, D.	Guía práctica de dermatología podológica		Barcelona	84-607-6706-X	2005	
Arenas Guzmán, R	Dermatología. Atlas, diagnóstico y tratamiento	MCGRAW-HILL		9786071512697	2015	