



## 1. General information

**Course:** FUNDAMENTALS OF PODIATRY**Type:** CORE COURSE**Degree:** 399 - PODIATRY DEGREE**Center:** 16 - FACULTY OF SCIENCES OF THE HEALTH OF TALAVERA**Year:** 1**Main language:** Spanish**Use of additional languages:****Web site:****Code:** 32504**ECTS credits:** 6**Academic year:** 2022-23**Group(s):** 60 61**Duration:** First semester**Second language:** English**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: Monday and Thursday from 11:00 a.m. to 2:00 p.m. SECOND SEMESTER: Monday and Tuesday from 11:00 a.m. to 2:00 p.m. It is recommended to confirm in advance by email.

**Lecturer:** JESUS MANUEL PÉREZ MUÑOZ - Group(s): 60 61

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	ENFERMERÍA, FISIOTERAPIA Y TERAPIA OCUP.		JesusM.Perez@uclm.es	

## 2. Pre-Requisites

Not established

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

The Fundamentals of Podiatry subject introduces the student to the field of general podiatric intervention, laying the foundations of knowledge that will be analyzed throughout the study plan, mainly referring to the specific knowledge required for the exercise of Podiatry in its different acting movements.

It is offered within the compulsory training module, being transversally related to the different subjects that make up the Degree. In particular, with all those related to the subjects of the modules Biomechanics and General Podiatry, Podiatric Pathology and Physical and Pharmacological Orthopedic Treatments and Chiropodology and Podiatric Surgery.

## 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
CE04	Know the anatomical and functional concept of the disease and diseases classification. Describe the pathology of different organs and systems. Medical semiology. Dermatology. Rheumatology Traumatology Neurology. Endocrinology. Pathological vascular processes. Systemic pathologies with effects on the foot.
CE08	Know the Spanish Health System and the basic aspects related to the management of health services, mainly those related to podiatric care and rehabilitation
CE09	Acquire the concept of health and disease. Know the determinants of health in the population. Develop the factors that influence the health-disease phenomenon. Design of prevention protocols and their practical application. Public health. Concept, method and use of epidemiology.
CE10	Acquire teamwork skills as a unit in which professionals and other personnel related to prevention, diagnostic evaluation and podiatric treatment are structured in a uni or multidisciplinary and interdisciplinary way.
CE13	Identify and integrate the professional practice from the respect to the autonomy of the patient; describe the elements of the clinical documentation management with special attention to confidentiality aspects; identify the basic criteria of clinical management, health economics and efficient use of resources.
CE16	Know the Basics of Podiatry. Ergonomics. History of the profession and conceptual framework. Profession concept Technical nomenclature used in health sciences. Acquire capacity in the clinical management of chiropody services.
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.

GC04	Acquire adequate clinical experience in each of the podiatric contents, carried out in accrediting centers for the university training of Podiatry, promoting the interrelation and effective communication with patients, relatives and members of the multidisciplinary team.
GC06	Acquire the ability to perform a clinical management focused on the patient, in the health economy and the efficient use of health resources, as well as in the effective management of clinical documentation, with special attention to confidentiality.
GC08	Acquire work skills in educational and research environments, health care, as well as in uniprofessional and multi-professional teams. Advise in the development and implementation of care and education policies on topics related to prevention and podiatric assistance.
GC10	Identify that the exercise of the profession is based on the respect for the patient's autonomy, beliefs, culture, genetic, demographic and sociodemographic determinants, applying the principles of social justice and understanding the ethical implications in a global context in transformation.

## 5. Objectives or Learning Outcomes

### Course learning outcomes

#### Description

To know the bases of podiatry at current time and podiatric practice.

To know the general professional performance in different situations in which podiatrists will be able to carry out his practice.

To know the history of the discipline and its evolution through time.

To know the basic podiatric methodology.

## 6. Units / Contents

### Unit 1: INTRODUCTION TO THE COURSE.

**Unit 1.1** Presentation.

### Unit 2: PODOLOGICAL FOUNDATIONS.

**Unit 2.1** Historical milestones of podiatry.

**Unit 2.2** Concepts and generalities in podiatry.

**Unit 2.3** The figure of the podiatrist as health personnel: professional skills.

**Unit 2.4** Podiatry professional career: past, present and future.

**Unit 2.5** Podiatry legislation.

**Unit 2.6** The importance of language in podiatry

### Unit 3: PHILOGENY, DEVELOPMENT AND NORMALITY CRITERIA OF THE LOCOMOTOR SYSTEM AND LOWER MEMBERS.

**Unit 3.1** Evolution of the locomotor system and evolutionary process of the foot.

**Unit 3.2** Support theories and spatial orientation of the lower limbs.

**Unit 3.3** Anatomical and physiological normality criteria of the locomotor system.

**Unit 3.4** Postural changes.

### Unit 4: INTRODUCTION TO EXPLORATION.

**Unit 4.1** Generalities.

**Unit 4.2** Anthropometry and complementary tests in podiatry.

**Unit 4.3** Exploration of the lower limbs.

**Unit 4.4** Exploration protocol.

## 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 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08 GC10	1.44	36	Y	N	Evaluation in the final test.
Problem solving and/or case studies [ON-SITE]	Combination of methods	CB01 CB02 CB03 CB04 CB05 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08 GC10	0.72	18	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. Unrecoverable.
Final test [ON-SITE]	Assessment tests	CB01 CB02 CB03 CB04 CB05 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08 GC10	0.16	4	Y	Y	Evaluation in the final test.
Project or Topic Presentations [ON-SITE]	Individual presentation of projects and reports	CB01 CB02 CB03 CB04 CB05 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08 GC10	0.08	2	Y	Y	Reports, tasks or derivative works of the workshops or seminars. Evaluated within the Practices evaluation system. Unrecoverable.
Writing of reports or projects [OFF-SITE]	Group Work	CB01 CB02 CB03 CB04 CB05 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08 GC10	1	25	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 CE04 CE08 CE09 CE10 CE13 CE16 GC01 GC03 GC04 GC06 GC08	2.6	65	Y	N	Evaluation in the final test.

GC10	Total:	6	150	
Total credits of in-class work: 2.4		Total class time hours: 60		
Total credits of out of class work: 3.6		Total hours of out of class work: 90		

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
Practical exam	30.00%	30.00%	Assessment of participation with use. The student must attend all scheduled group activities (seminars, workshops, practices, etc ...)
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.
<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	City	ISBN	Year	Description
Merton L. Root	Función normal y anormal del pie	Basel	Madrid	978-84-939161-6-9	2012	
Christian Larsen	Pies sanos	Paidotribo	Barcelona	978-84-8019-956-8	2017	
Víctor Alfaro	Todo comienza por un paso : un compendio de lo que necesitas saber para que tus pies sean tu mejor aliado	Alienta Editorial	Barcelona	978-84-16928-52-1	2018	
Jorge A. Murillo González	Podología : atlas de anatomía	Marban	Madrid	978-84-18068-21-8	2020	
MORENO DE LA FUENTE, JL.	PODOLOGÍA GENERAL Y BIOMECAÁNICA 2ªed	MASSON		978-84-458-2007-0	2009	
STANLEY HOPPENFELD	EXPLORACION FISICA DE LA COLUMNA VERTEBRAL Y LAS EXTREMIDADES 20ed	MANUAL MODERNO	MEXICO	9789684260559	2000	
TURNER W, MERRIMAN LM	HABILIDADES CLINICAS PARA EL TRATAMIENTO DEL PIE 2ªED	S.A. ELSEVIER ESPAÑA	MADRID	9788480862080	2007	
Ana María Ruiz Martínez, Clara Maestre-Miquel, Leticia López Martínez, Daniel Noguerón	Guía para la clase de español con fines específicos: ciencias de la salud. Vol II	Eris Ediciones SL		978-84-124953-9-3	2022	
Valiente, Paloma Puente Ortega, Alejandro Leal Quiñones, Teresa Simón López, Josipa Mušura, Carmen Hernández Alcaide, Félix Marcos Tejedor, M.ª Pilar Valero Fernández y Carmen Poves Tello.						