

# UNIVERSITY COLLEGE OF NURSING AND PODIATRY

Esteiro Campus, Ferrol

Updated: Sept 06

Dean: Manuel Romero Martín

## Name and Address

E.U. de Enfermería y Podología  
Universidad de A Coruña  
Campus de Esteiro, s/n  
15403 Ferrol. España  
Tel.: +34.981.33.74.00 (Ext. 3501/02)  
Fax: +34.981.33.74.20  
Webpage: <http://www.udc.es/euep/>

## Department Coordinator

Jorge Mariño Alfonso  
Tel.: +34 981337400 (ext. 3527)  
Fax: +34 981337420  
E-mail: [xurxo@cdf.udc.es](mailto:xurxo@cdf.udc.es)

## Academic Calendar

The whole academic year begins in October and finishes in September of the following year. The year is divided into two semesters, followed by a period of examinations.

The semester dates for the academic year are as follows:

Semester 1: from October to January

Semester 2: from February to June

Exam period: January-February for first semester; June for second semester.

In September exams will be held in the first two weeks.

Available at this link <http://www.udc.es/estudios/en/academicthemes/> you can get updated info on the academic calendar.

## General Description of the Centre - Teaching Departments:

- Cellular and molecular Biology
- Health Sciences
- Medicine
- Physiotherapy
- 

## SERVICES AT THE SCHOOL OF NURSING AND PODIATRY

### Library

The public opening hours at the Library are from 8.30 to 21.30 without a break from Monday to Friday.

It is located at Casa del Patín, Campus of Esteiro.

Webpage of the UDC Library: <http://www.biblioteca.udc.es>

### Chiropody University Clinic

The Chiropody University Clinic is created to develop theoretical and practical teaching activities for the Diploma of Chiropody.

Tel.: +34 981.33.33.08 / 981.33.32.82 (Beatriz Braña)

**LANGUAGE OF INSTRUCTION:** Galician/Spanish.

## DIPLOMA IN CHIROPODY

Academic studies leading to the official qualification of Qualified in Podiatry must provide sufficient training in the Podiatry field bearing in mind the knowledge of its scientific and clinical basis.

### CAREER OPPORTUNITIES

*SECTORS:* Hospitals, welfare centers, geriatric services, private companies and private surgery. Free Profession.

*FUNCTIONS:* Sports medicine. Rehabilitation. Diagnosis and treatment of foot disorders. Chiropody. Orthopaedics and foot surgery.

SYLLABUS 750 211		
Accreditation Date: 27/10/98	Publication Date in B.O.E.: 26/02/99	Academic Year of Implementation: 98/99

CREDIT DISTRIBUTION							
Cycle	Academic Year	Majors	Compulsory	Optional	Free Choice	Final Year Project	Total
1st	1st	48	18	-	-	-	66
	2nd	48	10,5	10.5	9	-	78
	3rd	46.5	9	10.5	14	-	80
<b>TOTAL</b>		<b>142.5</b>	<b>37.5</b>	<b>21</b>	<b>23</b>	<b>-</b>	<b>224</b>

**FINAL YEAR PROJECT:** Not required.

**EQUIVALENT CREDITS:** Up to 9 credits from optional or free-choice subjects for:

- Company placements, public or private institutions etc.
  - Studies carried out within the framework of international agreements subscribed by the University.
- Equivalence:* 1 credit = 40 hours.

#### ACCESS TO OTHER DEGREES

Once this university qualification is completed, students will have access to the 2<sup>nd</sup> cycle of :

- Audio-visual Communications Graduate (B.O.E.12/6/92), Documentation Graduate (B.O.E. 5/8/93), Advertising and Public Relations Graduate (B.O.E. 12/6/92), Journalism Graduate (B.O.E. 12/6/92), Music History and Sciences Graduate (B.O.E. 28/9/95), Humanities Graduate (B.O.E. 27/12/93), Linguistics Graduate (B.O.E. 13/1/93), Translation and Interpreting Graduate (B.O.E 27/12/93) and Literary Theory and Comparative Literature (B.O.E. 17/09/99).

#### SYLLABUS ORGANISATION

Code	Type	SUBJECTS	Credits	Theory	Practical
<i>FIRST YEAR</i>					
101	T	Human Body Structure and Function  <i>Description:</i> Matter composition and organisation in living beings. Embryology. Histology. Immediate principles. Biocatalyst. Trace elements. Biosynthesis. Vitamins and hormones. Biochemistry and biophysics of membranes, muscles and nerves.	9	7.5	1.5

102	T	General and Specific Anatomy of the Foot  <i>Description:</i> Anatomico-physiological study of the different organs, apparatuses and systems. Specific study of foot anatomy.	9	7.5	1.5
103	T	Microbiology and Parasitology © <sup>2</sup>  <i>Description:</i> Morphology and physiology of microorganisms. Infection. Epidemiology. Immunology. Natural and acquired immunity. Vaccines and serum. More frequent microorganisms in foot pathology.	6	6	-
104	T	General Theory of Illness © <sup>2</sup>  <i>Description:</i> Functional and anatomical concept of illness. Classification of illnesses. Pathology of the different organs, apparatuses and systems.	6	6	-
105	T	General Podiatry  <i>Description:</i> Phylogeny of the locomotive system. Biomechanics and kinesiology. Support theories. Foot structural changes. Toe pathology. Talalgias. Posture changes of the locomotive system with repercussion on the foot and vice versa. Normal and pathological clinical parameters in position and in dynamic and static stand. Complementary techniques of diagnosis and its interpretation.	9	6	3
106	T	Orthopodiatry I © <sup>2</sup>  <i>Description:</i> Basic Orthopodiatry. Technology of materials. Moulds. Critical study of footwear.	9	6	3
107	D	General Concepts of Surgery © <sup>2</sup>  <i>Description:</i> Asepsis. Antisepsis. Surgical material. Surgical material treatment. Action areas in general surgery. Basic knowledge of surgery.	6	3.5	2.5
108	D	Biostatistics © <sup>1</sup>  <i>Description:</i> Operation techniques of gathering information. Population parameters valuation. Data evaluation with computer. Multivariate statistics. Applications in demography and epidemiology.	6	3	3
109	D	Podiatry Fundamentals © <sup>1</sup>  <i>Description:</i> General concepts of the profession. Definition. Physiology. History and evolution. The chiropody in the international field. The chiropodist: their scope and general functions. The multiprofessional team. Other related professions.	6	4.5	1.5
<b>SECOND YEAR</b>					
201	T	Pharmacology © <sup>2</sup>  <i>Description:</i> Action, effects and drug interactions. More common medicines used in the illness treatment.	6	4	2

202	T	Orthopodiatry II <i>Description:</i> Orthesiology. Ortopodiatric treatments of pathologies in the lower extremity.	15	9	6
203	T	Chiropodiatry I <i>Description:</i> Techniques of chiropodiatry. General concepts on dermatologies. Treatment and causes of helomas on the foot surface. Pathology and treatment in toenails.	15	9	6
204	T	Physical Podiatry © <sup>1</sup> <i>Description:</i> Study and application of electrical, physical and manual measures in the therapeutics of the different foot pathologies.	6	4	2
205	T	Integrated Clinical Podiatry I © <sup>2</sup> <i>Description:</i> Integrated podiatric clinic in general chiropody.	6	4	2
206	D	Biomechanics of Lower Limb © <sup>1</sup> <i>Description:</i> Podometrics with foot pressure sensors. Static autonomous foot pressure sensors and with dynamic analysis systems. Podometrics with optometrical systems. Dynamic and static optometry. Strainmeter systems. Interpretation of results. Comparative analysis. Reliability study of the described systems with conventional pedometers.	6	4.5	1.5
207	D	Radiology Techniques and Radioprotection © <sup>1</sup> <i>Description:</i> Radiology, X-rays systems, image formation, detection of radiation and criteria of radioprotection.	4.5	3	1.5
		Optional Free Configuration	10.5 9		
<b>THIRD YEAR</b>					
301	T	Orthopodiatry III <i>Description:</i> Prosthesis. Rods. Orthopaedic treatments in different pathologies of lower extremity.	12	6	6
302	T	Chiropodiatry II <i>Description:</i> Technique of minor surgery and its applications. Surgery of soft parts. Types of anaesthesia in chiropody and application techniques. Knowledge of bone and articulated surgery in feet. Tools in chiropodiatry.	12	6	6
303	T	Preventive Podiatry © <sup>1</sup> <i>Description:</i> Prevention in foot problems.	4.5	3	1.5
304	T	Integrated Clinical Podiatry II <i>Description:</i> Podiatric clinic integrated in chiropodiatry, orthochiropody and preventive, physical chiropody.	18	-	18

305	D	Deontology and Podiatric Legislation © <sup>2</sup>  <i>Description:</i> Definition of ethics and morality. Concept of values, formation, acquisition and transmission. Ethical problems in the exercise of duties. Tools that help the professional in case of an ethical conflict. Patient rights. Rights and duties of professionals. Legislative aspects in legal and professional fields. Infiltration. Bad praxis. Medical responsibility.	4.5	4.5	-
306	D	Sports Podiatry © <sup>1</sup>  <i>Description:</i> Basic knowledge of sport techniques. Biomechanics. Patomechanics and treatment of podiatric injuries in sportspeople. Specific surgical techniques in sports chiropody. Characteristics and critical study of sport footwear.	4.5	3	1.5
		Optional Free Configuration	10.5 14		
<b>NOTE: © four-month long subjects</b>					

Code	OPTIONAL	Credits	Theory	Practical
501	Industrial application to Podiatry  <i>Description:</i> Techniques in design and production of normal and specialized footwear. Antropometrics applied to making lasts. Materials. Combination of aesthetics and functionality. Design and manufacture of mass production foot orthotics.	6	4.5	1.5
502	Cares of Special patients  <i>Description:</i> Basic needs of men. Main physical, psychological and social problems derived from illnesses, physical defects and mental faults.	6	4.5	1.5
503	Documentation  <i>Description:</i> General information principles in health sciences. Methodology and management of bibliographical files. Information sources and bibliographical documentation in chiropody.	4.5	3	1.5
504	Education for Health © <sup>2</sup>  <i>Description:</i> Importance of education for health and sanitary education. Pedagogical methodology in health field. Educational programmes for health and sanitary education. Basic concepts of public health.	4.5	3	1.5
505	Management and Administration of Podiatry  <i>Description:</i> Organization and management of the consulting room and professional chiropody consultation.	4.5	4.5	-
506	Clinical Computing © <sup>2</sup>  <i>Description:</i> General computing knowledge. Application of computing to health sciences.	6	1.5	4.5

507	Advanced Methodology in Podiatry © <sup>2</sup> <i>Description:</i> Quantitative and qualitative techniques and methods. Tools in chiropody consultation.	4.5	3	1.5
508	Techniques for Administering Medicines © <sup>1</sup> <i>Description:</i> Medicines. Ways for medicine administration. Techniques for medicine administration.	6	4.5	1.5
509	Medical Technology © <sup>1</sup> <i>Description:</i> Radiology and other diagnosis and treatment techniques.	4.5	3	1.5
510	Functional Reeducation of Podiatric Disorders © <sup>1</sup> <i>Description:</i> Foot functional assessment and study of methods and techniques for its treatment by non-ionizant physical agents.	6	3	3
511	Health Anthropology <i>Description:</i> Possibilities of anthropological methodology in sanitary problems research. Concepts of health and illness through cultures. The body representation.	4.5	3	1.5
512	Performance in Emergency Situations © <sup>2</sup> <i>Description:</i> Assessment and priority of units and action of nursing in different emergency situations.	6	3	3
<b>NOTE: All subjects are four-month long</b>				

<b><u>GLOSSARY</u></b>	
<b>T = Core</b>	<b>A = Annual</b>
<b>D = Compulsory</b>	<b>©<sub>1</sub> = 1<sup>st</sup> Four-month period</b>
	<b>©<sub>2</sub> = 2<sup>nd</sup> Four-month period</b>