



## Teaching Guide

Identifying Data					2024/25
Subject (*)	Rehabilitation of Adults with Physical Disabilities		Code	653G01302	
Study programme	Grao en Terapia Ocupacional				
Descriptors					
Cycle	Period	Year	Type	Credits	
Graduate	1st four-month period	Third	Obligatory	4.5	
Language	Spanish				
Teaching method	Face-to-face				
Prerequisites					
Department	Fisioterapia, Medicina e Ciencias Biomédicas				
Coordinador	Santos del Riego, Sergio Eduardo	E-mail	sergio.santos.delriego@udc.es		
Lecturers	Montoto Marqués, Antonio Rodríguez Sotillo, Antonio Santos del Riego, Sergio Eduardo	E-mail	antonio.montoto@udc.es antonio.rodriguez.sotillo@udc.es sergio.santos.delriego@udc.es		
Web					
General description	This asignatura pretends the development of competitions that allow to the alumnado comprise and apply the knowledges related with the medical Rehabilitation in the adult with physical disability.				

## Study programme competences / results

Code	Study programme competences / results
A3	Sintetizar y aplicar el conocimiento relevante de ciencias biológicas, médicas, humanas, psicológicas, sociales, tecnológicas y ocupacionales, junto con las teorías de ocupación y participación.
B2	Resolver problemas de forma efectiva.
B5	Trabajar de forma colaborativa.
B6	Comportarse con ética y responsabilidad social como ciudadano y como profesional.
B7	Comunicarse de manera efectiva en un entorno de trabajo.
B8	Capacidad de análisis y de síntesis.
B9	Capacidad de aplicar los conocimientos a la práctica.
B10	Conocimientos básicos de la profesión.
B11	Capacidad para trabajar en un equipo interdisciplinar.
B12	Conocimientos generales básicos sobre el área de estudio.
B14	Habilidades interpersonales.
B29	Trabajo en equipo.
C4	Desarrollarse para el ejercicio de una ciudadanía abierta, culta, crítica, comprometida, democrática y solidaria, capaz de analizar la realidad, diagnosticar problemas, formular e implantar soluciones basadas en el conocimiento y orientadas al bien común.

## Learning outcomes

Learning outcomes	Study programme competences / results		
Work appearances of occupational and half interest-environmental from the Attention of the Adult with Physical Disability from the knowledge of the general perspective and integral of the Medical Rehabilitation in contexts interdisciplinaries.	A3	B2 B6 B8 B9 B11 B12 B14 B29	C4



Improve the skills and attitudes of the student of Occupational Therapy like person and like professional purchasing the generic competitions assigned.	A3	B5 B6 B7 B8 B10 B11 B29	C4
Know notable appearances of the medical Rehabilitation and the Integral Attention of the Adult with Physical Disability like general foundation and interdisciplinar previous to the study from the occupational perspective and of the surroundings.	A3	B10 B11 B12 B29	C4
Develop like person, as professional and like citizen for the exercise of an open citizenship, literate, critical, committed, democratic and solidaria, able to analyse the reality, diagnose problems, formulate and implant solutions based in the knowledge and oriented to the very common, respecting the Human Rights and cuidar the sustainability of the half-environment.	A3	B11 B29	C4

Contents	
Topic	Sub-topic
PROF. SERGIO SANTOS DEL RIEGO	
Subject 1.- REUMATOLOGIC REHABILITATION.	<ul style="list-style-type: none"><li>- Basic and general foundations of Medical Rehabilitation Reumatológica of interest for the occupational therapist:</li><li>- Rheumatism of soft parts.</li><li>- Rheumatism degenerative: basic Approach.</li><li>- Rheumatism inflammatory: basic Approach.</li><li>- Therapeutic integral interdisciplinar.</li></ul>
Subject 2.- TRAUMATOLOGY. BURNS.	<ul style="list-style-type: none"><li>- General and main concepts fractures of upper member, column and inferior member.</li><li>- Synthesis of the therapeutic traumatology integral and interdisciplinar.</li><li>- Burns.</li><li>-Injuries of muscles, tendons and periferic nerves</li></ul>
Subject 3.- FONIATRÍA AND LOGOPEDIA.	<ul style="list-style-type: none"><li>- Foniatría And Logopeda. Performances and Pathologies.</li><li>- Other appearances.</li></ul>
Subject 4.- HIERARCHICAL LEVELS OF OPERATION OF THE BRAIN. METHODS NEUROMOTRICES OF NEUROMUSCULAR FACILITATION PROPIOCEPTIVE.	<ul style="list-style-type: none"><li>- Hierarchical levels of operation of the brain.</li><li>- Synthesis of the Methods neuromotrices of neuromuscular facilitation propiceptive in the adult with physical disability.</li></ul>
Subject 4.- SENSORIAL PATOLOGY. MEDICAL VISION.	<ul style="list-style-type: none"><li>- Visual disability of the adult.</li><li>- Auditory disability of the adult.</li></ul>
XX XXXXXX	XX
PROF. ANTONIO MONTOTO MARQUÉS	



<p>Subject 6.- REHABILITATION IN PEOPLE WITH CEREBRAL DAMAGE: basic and general Foundations of Medical Rehabilitation Integral of interest for the occupational therapist.</p>	<p>6.1.-ACCIDENT CEREBROVASCULAR (ACV).</p> <ul style="list-style-type: none"> <li>- Appearances epidemiológicos.</li> <li>- Types of ACV and clinical Profiles.</li> <li>- Clinical: deficits neurológicos.</li> <li>- Diagnostic.</li> <li>- Treatment rehabilitador: prognosis of functional recovery. Assessment of the deficits (scales). Contribution of the Rehabilitation in the acute phase. Aims of the Rehabilitation motora. Technicians of reeducation.</li> </ul> <p>6.2.- TRAUMATIC BRAIN INJURY (TCE).</p> <ul style="list-style-type: none"> <li>- Definition.</li> <li>- Epidemiology.</li> <li>- Focal injuries. Damage axonal diffuse.</li> <li>- Measured of results in the TCE.</li> <li>- Levels of answer in the TCE grave.</li> <li>- Types of deficits.</li> <li>- Boarding of the cognitive deficits and conductuales.</li> <li>- Strategies of the Rehabilitation in the acute phase</li> <li>- Strategies of the Rehabilitation in the phase subaguda</li> </ul>
<p>Subject 7.- AGNOSIAS.</p>	<ul style="list-style-type: none"> <li>- General considerations on the sensory systems.</li> <li>- Concept of agnosia.</li> <li>- Types of agnosias: visual, auditory, look-space, others.</li> </ul>
<p>Subject 8.- APRAXIAS</p>	<ul style="list-style-type: none"> <li>- Concept.</li> <li>- Types of apraxia: motoras, constructive, of the course, buco-facial, between others.</li> <li>- Evaluation standardised.</li> </ul>
<p>Subject 9.- APHASIAS.</p>	<ul style="list-style-type: none"> <li>- Concept.</li> <li>- Types of aphasia.</li> <li>- Difference with other disorders.</li> <li>- Assessment.</li> </ul>
<p>XX XXXXXX</p>	<p>XX</p>
<p>PROF. ANTONIO RODRÍGUEZ SOTILLO.</p>	



<p>Subject 10.- REHABILITATION IN PEOPLE WITH MEDULLARY INJURY.</p>	<p>9.1.- INTRODUCTION TO THE MEDULLARY INJURY:</p> <ul style="list-style-type: none"><li>- Definition</li><li>- anatomical and functional Memory</li><li>- historical Antecedents</li><li>- Epidemiology of the injury medula of cause medica and traumatic</li><li>- Pathophysiology of the medullary injury</li><li>- anthropological Appearances of the medullary injury in Galicia and in the world</li></ul> <p>9.2.- NOMENCLATURE:</p> <ul style="list-style-type: none"><li>- Level Neurológico</li><li>- Classification ASIA</li><li>- clinical Syndromes</li><li>- functional Levels according to ASIA Classification</li><li>- Objective of the treatment. Provision in people with medullary injury</li><li>- Patocronia Of the treatment of Rehabilitation.</li><li>- Prognosis of the medullary injury.</li></ul> <p>9.3.- MEDULLARY INJURY. ACUTE PHASE.</p> <ul style="list-style-type: none"><li>- I diagnose and frequent errors.</li><li>- Studies radiológicos.</li><li>- Clinical consequences and treatment.</li><li>- Treatment of the osseous injury. Provision in people with Medullary Injury</li><li>- Medullary salvation.</li></ul> <p>9.4.- COMPLICATIONS OF THE ACUTE MEDULLARY INJURY And CHRONIC.</p> <ul style="list-style-type: none"><li>- Consequences of the medullary injury.</li><li>- Complications acute phase.</li><li>- Consequences of the chronic medullary injury.</li></ul> <p>9.5.- INTEGRAL TREATMENT OF THE MEDULLARY INJURY, COSTS And PREVENTION.</p>
<p>Subject 11.- DISORDERS DO MOVEMENT, THE BALANCE AND THE COURSE. ILLNESSES DESMIELINIZANTES.</p>	<ul style="list-style-type: none"><li>- Parkinson.</li><li>- Esclerosis Multiple.</li><li>- Others.</li></ul>
<p>Subject 12.- ATAXIAS. ILLNESSES OF FIRST AND SECOND NEURON. MYOPATHIES.</p>	<ul style="list-style-type: none"><li>- Ataxias.</li><li>- Lateral sclerosis Amiotrófica (ELA).</li><li>- Neuropatías.</li><li>- Myopathies.</li><li>- Others</li></ul>
<p>Subject 13.- POLITICAL OF MANAGEMENT IN REHABILITATION. PROVISIONS.</p>	<ul style="list-style-type: none"><li>- Introduction to the management in Rehabilitation. Areas of clinical management.</li><li>- Catalogue of provision SERGAS.</li><li>- Catalogue provision for people with medullary injury.</li></ul>
<p>XX XXXXXX</p>	<p>XX</p>



## Planning

Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student's personal work hours	Total hours
Guest lecture / keynote speech	A3 B6 B7 B10 B11 B12 B29 C4	62	32.5	94.5
Case study	B2 B5 B8 B9 B14	14	0	14
Introductory activities	B6 C4	2	0	2
Personalized attention		2	0	2

(\*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

## Methodologies

Methodologies	Description
Guest lecture / keynote speech	The masterclass is also known as "Conference", "Method expositivo" or "Lesson magistral". This last modality is used to reserve to a special type of lesson given by a professor in special occasions, with a content that supposes an original preparation and based in the almost exclusive use of the word like road of transmission of the information to the audience.
Case study	Teaching-learning method in which students are presented with a specific set of real-life circumstances and a problem (?case?) which they must attempt to understand, assess and solve as a group through a process of discussion. Students should be able to analyse a series of facts relating to a particular area of knowledge or activity, and arrive at a rational conclusion via a process of discussion within small work groups.
Introductory activities	Activities that carry out before initiating any process of education-learning to end to know the competitions, interests and/or motivations that possesses the alumnado for the attainment of the aims that want to reach , linked to a formative program. With her it pretends obtain notable information that allow to articulate the teaching to favour effective and significant learnings, that split of the previous knowledges of the alumnado.  It allows to purchase the competitions of start and adaptation of this asignatura.

## Personalized attention

Methodologies	Description
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Case study	<p>The personalised attention will do , as a whole, by means of tutorías personalised direct and virtual, individual and grupales.</p> <p>On wool dedicación of him studio of him students with Matrícula Partial:</p> <p>Según Wool norm that regulates he régimen of dedicación al studio of him students of degree in wool University of the Coruña (approved in him Council of Government of him 4/05/2017), cuando one(it) estudiante tenga reconocida su condition of matrícula the tiempo partial, tiene derecho the disfrutar of a régimen of assistance to kind of flexible character y to request wool metes out special academic established in him artículo 4 (apartado 5) of #say it to you norm, in so much in the affect negatively al process of evaluación of wool/of him estudiante. IT this effect, wools Comisiones Academics of los different centres of wool UDC concretize he reach of wool quoted metes out. Therefore, wool granting to wool solicitud of #say it to you flexibilidad will remain at the expense of wool assessment y decision of wool academic Commission of him Degree in Occupational Therapy, had cuenta of wools metodologías y criteria of evaluación of wools subjects.</p> <p>In this asignatura, in concrete, he students to tiempo partial tiene flexibilidad to assist it in the how he subtract of estudiantes enrolled, puede request tutorías the los professors of wool subject y, by wools razones antedichas, wool evaluación are wool misma that stop he subtract of estudiantado enrolled.</p>
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Assessment			
Methodologies	Competencies / Results	Description	Qualification
Case study	B2 B5 B8 B9 B14	Only examination gives session maxistral and estudo of cases by oportunidade. To matter compórtase, avalíase and revisase like an everything. To suspend, do not save cualificaci3ns parciais of &quot;parts of examination&quot;.	0
Guest lecture / keynote speech	A3 B6 B7 B10 B11 B12 B29 C4	Only examination gives session maxistral and estudo of cases by oportunidade. To matter compórtase, avalíase and revisase like an everything. To suspend, do not save cualificaci3ns parciais of &quot;parts of examination&quot;.	100

Assessment comments
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**QUALIFICATION OF THE MATTER REHABILITATION OF THE ADULT WITH PHYSICAL DISABILITY OF THE DEGREE IN OCCUPATIONAL THERAPY:** An alone and only examination written integrated by opportunity, with the following distribution of punctuations: A. Prof. Sergio Santos del Riego will evaluate on 4 points (40%). B. Prof. Antonio Rodríguez Sotillo will evaluate on 3 points (30%). C. Prof. Antonio Montoto Marqués will evaluate on 3 points (30%). The final qualification of the theoretical examination (sessions magistrales and study of cases), and therefore of the asignatura, will be the sumatorio of A+B+C. Only it will review a qualification: the final qualification, with the conjoint presence, to be feasible, of the teachers of the asignatura. It will need an equal or greater qualification to 5 points to approve the asignatura. Yes the total sum was inferior to 5 points, the final qualification of the matter will be of suspense/to.

**INFORMATION ON THE FINAL QUALIFICATION:** - In relation with the announcement/course, will realise only an examination written final/opportunity: one at the earliest opportunity and another in the second opportunity (July) to preserve the equity in the deal with the students. The dates of the examinations will be established according to the official calendar of examinations approved in Board of Faculty. - The matter comports, evaluates and reviews how one everything. To suspend, do not save partial qualifications of "parts of examination".

The responsible professor, with the consensus of the rest of teachers of the matter, reserves to possibility to realise some change in the evaluation, review or other appearances that will be notified to the students with the sufficient antelación.

On Plagiarisms (Artigo 11, section 4 b do Regulation discipline of the estudiantado of the UDC).

? Qualification of suspense in the announcement in that it commit the fault and concerning the matter in that it committed : the/the student will be described with ?suspense? (numerical note 0) in the corresponding announcement of the academic course, so much if the commission of the fault produces at the earliest opportunity as in the second. For this, will proceed to modify his qualification in the record of the first opportunity, if it was necessary.

### Sources of information

<b>Basic</b>	? Miranda Mayordomo JL. Rehabilitación Médica. Aula Médica: Madrid; 2004 ? Manual SERMEF de Rehabilitación y Medicina Física, 2005. ? Rincón Herrera E, Sánchez-Ortiz Muñoz M, Ramos Santos R. Terapia Ocupacional: intervención en distintas patologías. Alcalá la Real (Jaén): Formación Alcalá 2007. ? Grieve J, Gnanasekaran L. Neuropsicología para terapeutas ocupacionales: cognición en el desempeño ocupacional. Madrid: Panamericana 2009. ? Frontera, WR.; Gans, BM.; Walsh, NE.; Robinson, LR. De Lisa´s Physical Medicine and Rehabilitation: Principles and Practice. Lippincott Williams & Wilkins: Filadelfia, 2010. ? Crepeau EB. Willard & Spackman, Terapia Ocupacional. Buenos Aires: Médica Panamericana 2011. ? Polonio B, Romero D. Terapia Ocupacional aplicada al daño cerebral adquirido. Ed Médica Panamericana 2010
<b>Complementary</b>	 

### Recommendations

Subjects that it is recommended to have taken before

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments



1.- Recommendations on half sustainability-environmental: To help to achieve some sustainable immediate surroundings and fulfil with the strategic aims 1 and 2 of the "IV Plan of Action do Program Green Campus FCS (2020-2022)" the documentary works that realise&nbsp; in this asignatura: To.- Mostly they will request&nbsp; in virtual format and computer support. b.- To realise&nbsp; in paper:- They will not use&nbsp; plastic.- They will realise&nbsp; impressions to double expensive.- It will use&nbsp; paper recycled.- It will avoid&nbsp; the realisation of drafts. 2.-

Observations:&nbsp;&nbsp;"As it collects in the distinct rules of application for the university teaching will have to incorporate the perspective of gender in this matter (will use language no sexista, will use bibliography of authors/ace of both sexes, propiciará the intervention in class of students and students...)." It will work to identify and modify damages and attitudes sexistas and will influence in the surroundings to modify them and boost values of respect and equality".&nbsp;&nbsp;"Will have to detect situations of discrimination by reason of gender and will propose actions and measures to correct them". 3.-&nbsp;&nbsp;All the aspects related with "metes out academic", "dedicación to the study", "permanence" and "stroke academic" reiteration in accordance with the&nbsp;normativ academic actually of the UDC.&nbsp;&nbsp;

**(\*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.**