



## Teaching Guide

Teaching Guide				
Identifying Data				2019/20
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	Ciencias Biomédicas, Medicina e FisioterapiaFisioterapia, Medicina e Ciencias Biomédicas			
Coordinador	Santos del Riego, Sergio Eduardo		E-mail	sergio.santos.delriego@udc.es
Lecturers	Montoto Marqués, Antonio		E-mail	antonio.montoto@udc.es
	Rodríguez Sotillo, Antonio			antonio.rodriguez.sotillo@udc.es
	Santos del Riego, Sergio Eduardo			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

Code	Study programme competences
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		
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 interdisciplinares.	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 interdisciplinary 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>- Rheumatisms of soft parts.</li> <li>- Rheumatisms degenerativos: basic Approach.</li> <li>- Rheumatisms inflamatorios: basic Approach.</li> <li>- Therapeutic integral interdisciplinary.</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 interdisciplinary.</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>- Foniatria 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>	



Subject 10.- REHABILITATION IN PEOPLE WITH MEDULLARY INJURY.	<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>
Subject 11.- DISORDERS DO MOVEMENT, THE BALANCE AND THE COURSE. ILLNESSES DESMIELINIZANTES.	<ul style="list-style-type: none"><li>- Parkinson.</li><li>- Esclerosis Multiple.</li><li>- Others.</li></ul>
Subject 12.- ATAXIAS. ILLNESSES OF FIRST AND SECOND NEURON. MYOPATHIES.	<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>
Subject 13.- POLITICAL OF MANAGEMENT IN REHABILITATION. PROVISIONS.	<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>
XX XXXXXX	XX



## Planning

Methodologies / tests	Competencies	Ordinary class hours	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 expository" 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
Case study	The personalised attention will do , as a whole, by means of tutorías personalised direct and virtual, individual and grupales.

## Assessment

Methodologies	Competencies	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 "parts of examination".	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 "parts of examination".	100

## Assessment comments



## ECOLOGICAL OBSERVATIONS:

To help to achieve some sustainable immediate surroundings and fulfil the strategic aim of the Plan Green Campus FCS, the documentary works that realise in this matter:

the.- Mostly they will request in virtual format and computer support.

b.- To realise in paper:

- they will not use plastic.
- They will realise impressions to double expensive.
- It will employ paper recycled.
- It will avoid the realisation of drafts.

## QUALIFICATION OF THE MATTER REHABILITATION OF THE ADULT WITH PHYSICAL DISABILITY OF THE DEGREE IN THERAPY IN OCCUPATIONAL THERAPY:

The responsible professor if it reserves to possibility to realise some change in the evaluation, review or other appearances that will be notified to the students in advance.

An alone and only integrated examination by opportunity, with the following distribution of punctuations:

- A. The Prof. Sergio Santos will evaluate on 4 points (40%).
- B. The Prof. Antonio Rodríguez Sotillo will evaluate on 3 points (30%).
- C. The 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 subject, will be the addition of A+B+C. Only it will review a qualification: the final qualification, with the presence together, if possible fact, with the subject teaching It will need an equal or greater qualification to 5 points to approve the subject. If 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 a final examination/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 exams will be establish according to the official calendar approved by the Committee Faculty.
- The matter comports, evaluates and reviews how one everything. To suspend, don't save partial qualifications of "parts of examination".

## 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

(\*)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.