



| Teaching Guide      |  |        |   |         |
|---------------------|--|--------|---|---------|
| Identifying Data    |  |        |   | 2017/18 |
| 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  | Obligatoria   | 4.5     |
| Language            | Spanish  |        |   |         |
| Teaching method     | Face-to-face   |        |   |         |
| Prerequisites       |  |        |   |         |
| Department          | Ciencias Biomédicas, Medicina e Fisioterapia   |        |   |         |
| Coordinador         | Santos del Riego, Sergio Eduardo   | E-mail | sergio.santos.delriego@udc.es   |         |
| Lecturers           | Montoto Marqués, Antonio<br>Rodríguez Sotillo, Antonio<br>Santos del Riego, Sergio Eduardo   | E-mail | antonio.montoto@udc.es<br>antonio.rodriguez.sotillo@udc.es<br>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<br>B6<br>B8<br>B9<br>B11<br>B12<br>B14<br>B29 |



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|--|----|---|----|
| Improve the skills and attitudes of the student of Occupational Therapy like person and like professional purchasing the generic competitions assigned.  | A3 | B5<br>B6<br>B7<br>B8<br>B10<br>B11<br>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<br>B11<br>B12<br>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<br>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 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>- 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<br>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<br/>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<br/>XXXXXX</p>                             | <p>XX</p>   |



| Planning                       |                                |                      |                               |             |
|--------------------------------|--------------------------------|----------------------|-------------------------------|-------------|
| Methodologies / tests          | Competencies                   | Ordinary class hours | Student?s personal work hours | Total hours |
| Guest lecture / keynote speech | A3 B6 B7 B10 B11<br>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.<br><br>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<br>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 |
|---------------------|
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## 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 Marquis 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 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; 2004Manual 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> | <br />   |

## 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

Para axudar a conquistar unha contorna inmediata sostible e cumprir o obxectivo estratéxico do Plan Green Campus FCS, os traballos documentais que se fagan nesta materia: maioritariamente solicitaráanse en formato virtual e soporte informático. De realizarse en papel: non se usarán plásticos, realizaráanse impresións a dobre cara, empregaráse papel reciclado, evitaráse a realización de borradores. &nbsp;O profesor responsable reservase a posibilidade de facer algún cambio na avaliación e outros aspectos que serán notificados aos estudantes coa suficiente antelación.



(\*)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.