

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Tutored Clinical Internship II</b>
<b>Module</b>	Tutored Internships and Final Degree Project
<b>Departmental Area</b>	Social and Health Sciences
<b>Temporary Deployment</b>	Annual (7th and 8th)
<b>Total credits</b>	22
<b>Course</b>	4º
<b>Character</b>	Internships
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	
<b>Internships</b>	495 hours

### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

CB01: That students have demonstrated knowledge and understanding in an area of study that builds on the foundation of general secondary education, and is typically at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.

CB02: That students know how to apply their knowledge to their work or vocation in a professional manner and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and problem solving within their area of study.

CB03: Students have the ability to gather and interpret relevant data.

(usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

CB04: Students are able to convey information, ideas, problems or solutions to both specialized and non-specialized audiences.

CB05: That the students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

CG01: Know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.

CG02: Know and understand the sciences, models, techniques and instruments on which physiotherapy is based, articulated and developed.

CG03: Know and understand the methods, procedures and actions

physiotherapy, aimed both at the actual therapy to be applied to the patient and at the clinical activities for reeducation or functional recovery, as well as realization of activities aimed at the promotion and maintenance of health.

CG04: Acquire the clinical experience that provides intellectual skills and technical and manual dexterity; that facilitates the incorporation of values

and professional ethics; and to develop the capacity for integration of the knowledge acquired; so that, at the end of the studies, the students know how to apply them to specific clinical cases in the hospital and out-of-hospital setting, as well as to actions in primary and community care.

CG05: Assess the patient's functional status, considering physical, psychological and social aspects

CG06: Diagnostic assessment of physiotherapy care according to internationally recognized validation standards and tools

CG07: Design the physical therapy intervention plan taking into account to the criteria of adequacy, validity and efficiency.

CG08: Execute, direct and coordinate the physiotherapy intervention plan, using the proper therapeutic tools and taking into account the individuality of the user.

CG09: Evaluate the evolution of the results obtained with the treatment in relation to the objectives set.

CG10: Prepare the physiotherapy care discharge report once the proposed objectives have been met.

CG11: Providing an effective physiotherapy care, providing one assistance comprehensive patient care

CG12: Intervene in the areas of health promotion, prevention, protection and recovery.

CG13: Knowing how to work in professional teams as a basic unit in which to structure in a uni or multidisciplinary and interdisciplinary way the professionals and other personnel of the care organizations

CG14: Incorporate the ethical and legal principles of the profession into professional practice as well as integrate social and community aspects in decision making.

CG15: Participate in the development of physiotherapy care protocols based on scientific evidence, promoting professional activities that promote research in physiotherapy.

CG16: Carry out the physiotherapeutic interventions based on in the care integrated health care that involves multiprofessional cooperation, integration of processes and continuity of care.

CG17: Understand the importance of updating the knowledge, skills, abilities and attitudes that integrate the professional competencies of the physical therapist.

CG18: Acquire skills management systems that include the efficient use of

health resources and to develop planning, management and control activities in the care units where physiotherapy care is provided and its relationship with other health services.

CG19: Communicate effectively and clearly, both orally and in writing, with users of the health care system as well as with other professionals.

## 2.2. Transversal Competencies

CT01: Capacity for analysis and synthesis

CT02: Organizational and planning skills

CT03: Mastering oral and written communication in the Spanish language CT05: Computer skills related to the field of study CT06:

Information management skills

CT07: Problem-solving skills CT08: Decision-

making skills CT08: Decision-making skills

CT09: Capacity for intradisciplinary and interdisciplinary teamwork

CT10: Demonstrate skills in interpersonal relationships

CT11: Recognition of diversity and multiculturalism, acting with honesty, tolerance and respect for diversity.

CT12: To develop critical reasoning CT13:

To develop ethical commitment CT14:

Capacity for autonomous learning

CT15: Ability to adapt to change and new situations CT16: Developing creativity

CT17: Leadership capacity, initiative and entrepreneurial spirit.

CT18: Motivation for quality, developing responsibility and ethical commitment to work.

## 2.3. Specific Competencies

CE31: Pre-professional internship in the form of an independent clinical rotation and with a final evaluation of competences in health centers, hospitals and other health care centers, allowing the integration of all knowledge, abilities, skills, attitudes and values acquired in all subjects; and all professional competences will be developed, enabling an effective physiotherapy care.

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

- The student, under the supervision of the different tutors he/she has in the clinical rotation and on real patients, carries out the Physiotherapy Intervention Plan: Physiotherapy Assessment, Physiotherapy Diagnosis, Physiotherapy Treatment Planning, Treatment Execution, Results Evaluation, and Physiotherapy Discharge Report; applying it to the different health alteration processes in which Physiotherapy intervenes.

- The student provides comprehensive assistance to patients.

- The student knows how to work in a team, incorporates the ethical and legal principles of the profession of physical therapist, uses efficiently the health resources available and communicates effectively and clearly, both orally and in writing, with the users of the health system and with other professionals. The student encourages the participation of the user and family in their recovery process.

### Contents

Pre-professional clinical internships, intra-hospital, extra-hospital, in primary care, social-health centers, special education schools, geriatric centers, sports centers and other professional areas, in the form of an independent rotation; in which the student will integrate the knowledge acquired by applying it to clinical cases, and participating in health promotion and disease prevention activities.

#### 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
External internships	495	90%
Completion of the clinical practice notebook	33	6%
Evaluation activities	22	4%

#### 5. TEACHING METHODOLOGIES

##### METHODOLOGY

**Supervised clinical internships.**

This is a pre-professional internship that the student performs in various health care centers. The student, in clinical rotation, will pass through various clinical units of Physiotherapy where he/she will observe and under the supervision of a tutor will carry out the comprehensive processes of physiotherapeutic intervention relevant to each case. Each student will be assigned an internship tutor who will ensure the best use of the external internship.

**Case studies and problem solving**

Study of real clinical cases and resolution of problems raised in physiotherapeutic care. Clinical sessions with students assigned to the same tutor for the analysis and discussion of clinical cases and problems.

## 6. EVALUATION SYSTEM

For the evaluation of the acquisition of the competences of this subject, all the training activities carried out during the period of teaching of the subject will be evaluated, that is: the degree of acquisition of the competences and skills. professional skills conveyed by the tutors during the internships. The results of the pre-professional clinical sessions in the resolution of real clinical cases and problems and the completion of the clinical practice notebook.

The evaluation system shall be governed in accordance with the provisions established in the

Evaluation of the Undergraduate Students of the Universidad Pablo de Olavide, from Seville, of June 3, 2014, being, according to said regulation, continuous evaluation the system considered as preferential, being able to be applied in a general way to Basic Education, Practical and Developmental Education and Activities.

Directed, so that the student is guaranteed the possibility to acquire the skills and knowledge in a progressive and sequenced manner.

When the training activities include the use of applications computer evaluation may also include testing in the use of such applications.

The valuation of each type of activity will be based on the dedication defined for each one of them through the following percentages:

EVALUATION SYSTEM	PERCENTAGE
Tutor's Report on Supervised Clinical Practices	40%
Practical tests through the demonstration of skills and competencies with simulation of the professional role, developed by the student.	40%
Realization of the internship program	15%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Final Degree Project</b>
<b>Module</b>	Tutored Internships and Final Degree Project
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	8º
<b>Total credits</b>	8
<b>Course</b>	4º
<b>Character</b>	Final Degree Project
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	
<b>a. Basic Education (EB):</b>	-
<b>b. Practical Education and Development (EPD):</b>	-
<b>c. Directed Activities (AD)</b>	16 hours (8%)

### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

CB01: That students have demonstrated knowledge and understanding in an area of study that builds on the foundation of general secondary education, and is typically at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.



CB02: That students know how to apply their knowledge to their work or vocation in a professional manner and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and problem solving within their area of study.

CB03: That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

CB04: Students are able to convey information, ideas, problems or solutions to both specialized and non-specialized audiences.

CB05: That the students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

CG01: Know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.

CG02: Know and understand the sciences, models, techniques and instruments on which physiotherapy is based, articulated and developed.

CG03: Know and understand the methods, procedures and actions

physiotherapy, aimed both at the actual therapy to be applied to the patient and at the clinical activities for reeducation or functional recovery, as well as the realization of activities aimed at the promotion and maintenance of health.

CG04: Acquire the clinical experience that provides intellectual skills and technical and manual dexterity; that facilitates

the incorporation of values

and professional ethics; and to develop the capacity for integration of the

knowledge acquired; so that, at the end of the studies, the students

know how to apply them to specific clinical cases in the hospital and out-of-hospital

environment, as well as to actions in primary and community care.

CG05: Assess the patient's functional status, considering physical, psychological and social aspects

CG06: Diagnostic assessment of physiotherapy care according to internationally recognized validation standards and tools

CG07: Design the physical therapy intervention plan taking into account the criteria of adequacy, validity and efficiency.

CG08: Execute, direct and coordinate the physiotherapy intervention plan, using the proper therapeutic tools and taking into account the individuality of the user.

CG09: Evaluate the evolution of the results obtained with the treatment in relation to the objectives set.

CG10: Prepare the physiotherapy care discharge report once the proposed objectives have been met.

CG11: Providing an effective physiotherapy care, providing one assistance comprehensive patient care

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CG13: Knowing how to work in professional teams as a basic unit in which to structure in a uni or multidisciplinary and interdisciplinary way the professionals and other personnel of the care organizations

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CG17: Understand the importance of updating the knowledge, skills, abilities and attitudes that integrate the professional competencies of the physical therapist.



CG18: Acquire skills management systems that include the efficient use of

health resources and to develop planning, management and control activities in the care units where physiotherapy care is provided and its relationship with other health services.

CG19: Communicate effectively and clearly, both orally and in writing, with users of the health care system as well as with other professionals.

## 2.2. Transversal Competencies

CT01: Capacity for analysis and synthesis

CT02: Organizational and planning skills

CT03: Mastering oral and written communication in the Spanish language CT05: Computer skills related to the field of study CT06:

Information management skills

CT07: Problem solving skills CT08: Decision making skills.

CT09: Capacity for intradisciplinary and interdisciplinary teamwork

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CT12: To develop critical reasoning CT13:

To develop ethical commitment CT14:

Capacity for autonomous learning

CT15: Ability to adapt to change and new situations CT16: Developing creativity

CT17: Leadership capacity, initiative and entrepreneurial spirit.

CT18: Motivation for quality, developing responsibility and ethical commitment to work.

## 2.3. Specific Competencies

CE32: Presentation and defense before the University Court of an end-of-degree project, consisting of an exercise of integration of the training contents received and the competences acquired.

# 3. LEARNING OUTCOMES AND CONTENT

## Learning Outcomes

Knows and applies the general and specific competences of the Degree in Physiotherapy with methodology and scientific rigor in a Final Degree Project that integrates the training contents received and the competences acquired in the studies of the Degree in Physiotherapy, and that must be defended before a court.

## Contents

Elaboration and defense of a Final Project that will integrate the concepts, tools and skills acquired during the degree itself, in such a way that

to evaluate the competences, disciplinary contents and skills associated with the degree acquired by the student through the different subjects taught. This is an exercise of integration of the training content received and the skills acquired and will consist of a systematic literature review, a descriptive or experimental research work, or a work of a professional nature: description of a clinical case, proposal of a treatment protocol or a prevention program, in which a technical vocabulary specific to the field of physiotherapy is used, and a use of language that facilitates the physiotherapist-patient interaction.

The Final Project must be prepared and defended individually by each student, under the direction and supervision of a tutor professor. Its content, level of complexity and length must be in accordance with the contents taught.

#### 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
<b>Directed Activities</b>	16	8%

#### 5. TEACHING METHODOLOGIES

##### METHODOLOGY

##### **Scheduled tutorials for the Final Degree Project**

Tutorial sessions for the orientation of the student in the process of elaboration and development of the Final Degree Project in order to train him/her in the management of information, the search for documentary sources, the application of theoretical knowledge to practice, the acquisition of skills for the demonstration of critical knowledge and the use of specialized and professional metalanguage, as well as for the analysis and discursive synthesis. The exposition and defense of the work will be in accordance with the criteria of organization, clarity and correctness of expression. The tutor professor will review the elaboration of the final thesis with rigor to guarantee its final quality and that the student achieves an optimal exposition and a clear defense of the objectives and results of the thesis.

## 6. EVALUATION SYSTEM

For the evaluation of the acquisition of the competences of this subject, all the formative activities carried out during the period of teaching of the subject will be evaluated, that is to say: the concepts and procedures transmitted by the professor through the lectures, the laboratory practices and the case studies and problem solving. The active participation of the student in the classroom activities of the subject will also be valued.

The evaluation system shall be governed in accordance with the provisions established in the

Evaluation of the Undergraduate Students of the Universidad Pablo de Olavide, from Seville, of June 3, 2014, being, according to said regulation, continuous evaluation the system considered as preferential, being able to be applied in a general way to Basic Education, Practical and Developmental Education and Activities.

Directed, so that the student is guaranteed the possibility to acquire the skills and knowledge in a progressive and sequenced manner.

When the training activities include the use of applications computer evaluation may also include testing in the use of such applications.

The valuation of each type of activity will be based on the dedication defined for each one of them through the following percentages:

EVALUATION SYSTEM	PERCENTAGE
Evaluation of the content and defense of the Final Degree Project before an examining board.	100%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Physiotherapy in Clinical Specialties II</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Temporary Deployment</b>	Annual (7th and 8th Semesters)
<b>Total credits</b>	6
<b>Course</b>	4º
<b>Character</b>	Mandatory Training
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	<b>C2</b>
<b>a. Basic Education (EB):</b>	30 hours (50%)
<b>b. Practical Education and Development (EPD):</b>	21 hours (35%)
<b>c. Directed Activities (AD)</b>	9 hours (15%)

### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

CB01: That students have demonstrated knowledge and understanding in an area of study that builds on the foundation of general secondary education, and is typically at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.

CB02: That students know how to apply their knowledge to their work or vocation in the following areas

a professional manner and possess the skills that are usually demonstrated through the development and defense of arguments and problem solving within their field of study.

CB03: That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

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CG01 : Know and understand the morphology, physiology, pathology and behavior of healthy and sick people in the natural and social environment.

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physiotherapy, aimed at both the actual therapy to be applied to the patient and to the clinical activities for reeducation or functional recovery, as well as the realization of activities aimed at the promotion and maintenance of health.

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the incorporation of values

and professional ethics; and to develop the capacity for integration of the

knowledge acquired; so that, at the end of the studies, the students

know how to apply them to specific clinical cases in the hospital and out-of-hospital setting, as well as to actions in primary and community care.

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CG17: Understand the importance of updating the knowledge, skills, abilities and attitudes that integrate the professional competencies of the physical therapist.

CG18: Acquire skills in management systems that include the efficient use of

and to develop planning, management and control activities in the health resources and to develop planning, management and control activities in the



care units where physiotherapy care is provided and its relationship with other health care services

CG19: Communicate effectively and clearly, both orally and in writing, with users of the health care system as well as with other professionals.

## 2.2. Transversal Competencies

CT01: Capacity for analysis and synthesis

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making skills CT08: Decision-making skills

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Capacity for autonomous learning

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CT17: Leadership capacity, initiative, entrepreneurial spirit

CT18: Motivation for quality, developing responsibility and ethical commitment to work.

## 2.3. Specific Competencies

CE19: Identify the most appropriate physiotherapeutic treatment in the different processes of alteration, prevention and promotion of health as well as in the processes of growth and development.

CE20: Identify the patient's/user's situation through a diagnosis of the patient's/user's physiotherapy care, planning interventions, and evaluating their effectiveness in a cooperative work environment with other health science professionals.

CE21: Know and apply good clinical practice guidelines.

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

The student designs the physiotherapy intervention plan: assessment, physiotherapy diagnosis, planning, treatment execution and evaluation of results, applying it to the different health alteration processes and clinical specialties in which physiotherapy intervenes. Knows and applies the guidelines of good clinical practice and is able to carry out the process in a cooperative work environment with other professionals in Health Sciences.

### Contents

The clinical procedure in physical therapy. Clinical reasoning. Realization of the method of intervention in physiotherapy applied to the different traumatological, rheumatological, respiratory, cardiovascular, orthopedic, urogynecological, urogynecological, geriatric and other conditions (Part One).

#### 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
Basic teaching: taught to a complete group, it incorporates theoretical teaching, methodological fundamentals and the essential concepts of the discipline. Lectures, screenings, visits, etc. may also be included.	30	50%
Practical and Developmental Teaching: these are taught in small groups: their content deals with laboratory practices and the development of practical cases that facilitate the acquisition of competencies by the student.	21	35%
Directed Activities	9	15%

#### 5. TEACHING METHODOLOGIES

##### METHODOLOGY For basic education:

###### **Participative master classes.**

Theoretical classes taught by the professor of the subject for the development of the contents established in the teaching guide. They are expository classes with the use of computer systems and projection. Student participation will be encouraged as a method of enhancing their critical capacity and their communicative skills in group.

**For practical and developmental teaching:****Case studies and problem solving.**

In these sessions there will be discussion and debate on the intervention plan in Physiotherapy to be carried out in the problems and specific clinical cases presented in the theoretical class by the professor, who will direct the process of autonomous resolution by the student of these problems and clinical cases, to develop their capacity for analysis and synthesis, to evaluate the proposals of others and the defense of their own, incorporating cross-cutting skills and assimilating content and professional skills through clinical reasoning and simulation of the professional role. These exercises will be carried out in the Physiotherapy laboratory.

**For directed activities: Group work.****Seminars.**

Carrying out and presentation of works in small groups, proposed by the course teacher, so that the student can develop his communicative capacity and ability, and that allow certifying the assumption of the contents and the achievement of the described competences. The work is carried out in a non-presential way but directed by the teacher in seminars.

## 6. EVALUATION SYSTEM

For the evaluation of the acquisition of the competences of this subject, all the formative activities carried out during the period of teaching of the subject will be evaluated, that is to say: the concepts and procedures transmitted by the professor through the lectures, the laboratory practices and the case studies and problem solving. The active participation of the student in the classroom activities of the subject will also be valued.

The evaluation system shall be governed in accordance with the provisions established in the

Evaluation of the Undergraduate Students of the Universidad Pablo de Olavide, from Seville, of June 3, 2014, being, according to said regulation, continuous evaluation the system considered as preferential, being able to be applied in a general way to Basic Education, Practical and Developmental Education and Activities.

Directed, so that the student is guaranteed the possibility to acquire the skills and knowledge in a progressive and sequenced manner.

When the training activities include the use of applications computer evaluation may also include testing in the use of such applications.

The valuation of each type of activity will be based on the dedication defined for each one of them through the following percentages:

EVALUATION SYSTEM	PERCENTAGE
Developmental written tests, short open-ended writing tests, objective tests.	30%-50%
Practical tests: electrical tests, functional capacities, vital capacity measurements, etc... Oral tests on case studies and problem solving and preparation and presentation of papers.	40%-60%
Participation in classroom activities	10%-15%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Physical Therapy Intervention in the Community and Management in Physical Therapy.</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	7º
<b>Total credits</b>	6
<b>Course</b>	4º
<b>Character</b>	Mandatory Training
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	<b>C2</b>
<b>a. Basic Education (EB):</b>	30 hours (50%)
<b>b. Practical Education and Development (EPD):</b>	21 hours (35%)
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### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

CB01: That students have demonstrated knowledge and understanding in an area of study that builds on the foundation of general secondary education, and is typically at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.

Subject: **Physical Therapy Intervention in the Community and Physical Therapy Management**

CB02: That students know how to apply their knowledge to their work or vocation in a professional manner and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and problem solving within their area of study.

CB03: That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

CB04: Students are able to convey information, ideas, problems or solutions to both specialized and non-specialized audiences.

CB05: That the students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

CG03: Know and understand the methods, procedures and actions

physiotherapy, aimed both at the actual therapy to be applied to the patient and at the clinical activities for reeducation or functional recovery, as well as realization of activities aimed at the promotion and maintenance of health.

CG04: Acquire the experience clinical experience experience that provides intellectual skills and technical and manual dexterity; that facilitates the incorporation of values

and professional ethics; and to develop the capacity for integration of the knowledge acquired; so that, at the end of the studies, the students know how to apply them to specific clinical cases in the hospital and out-of-hospital environment, as well as to actions in primary and community care.

CG11: Providing a effective physiotherapy care, providing one assistance comprehensive patient care

CG12: Intervene in the areas of health promotion, prevention, protection and recovery.

CG13: Knowing how to work in professional teams as a basic unit in which to structure in a uni or multidisciplinary and interdisciplinary way the professionals and other personnel of the care organizations

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CG17: Understand the importance of updating the knowledge, skills, abilities and attitudes that integrate the professional competencies of the physical therapist.

CG18: Acquire skills management systems that include the efficient use of

health resources and to develop planning, management and control activities in the care units where physiotherapy care is provided and its relationship with other health services.

CG19: Communicate effectively and clearly, both orally and in writing, with users of the health care system as well as with other professionals.

## 2.2. Transversal Competencies

CT01: Capacity for analysis and synthesis

CT02: Organizational and planning skills

CT03: Mastering oral and written communication in the Spanish

language CT05: Computer skills related to the field of study CT06:

Information management skills  
CT07: Problem-solving skills CT08: Decision-  
making skills CT08: Decision-making skills



CT09: Capacity for intradisciplinary and interdisciplinary teamwork  
CT10: Demonstrate skills in interpersonal relationships  
CT11: Recognition of diversity and multiculturalism, acting with honesty, tolerance and respect for diversity.  
CT12: To develop critical reasoning CT13:  
To develop ethical commitment CT14:  
Capacity for autonomous learning  
CT15: Ability to adapt to change and new situations CT16: Developing creativity  
CT18: Motivation for quality, developing responsibility and ethical commitment to work.

### 2.3. Specific Competencies

CE24: Understand the fundamental concepts of health and the role of the physiotherapist in the health system.  
CE25: Promote healthy lifestyle habits through health education CE26: Understand health-related factors and problems related to physiotherapy in Primary Care, Specialized Care and Occupational Health settings.  
CE27: To know the Spanish Health System and the aspects related to the management of health services, mainly those in which physiotherapy is involved.  
CE28: To know and analyze the management processes of a Physiotherapy service or unit.  
CE29: To know and apply quality mechanisms in physical therapy practice, conforming to the criteria, indicators and quality standards recognized and validated for the proper professional practice.  
CE30: Knowing the basics and legal ethics of the profession in a social context changing. To know the professional ethical and deontological codes.

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

- The student knows and understands the fundamental concepts of health, the role of the physical therapist in the health system, the factors and problems related to health and physical therapy in the fields of primary care, specialized care and occupational health, the Spanish Health System and the processes of Health Administration and Management.
- The student analyzes the management processes of a physical therapy service or unit.
- The student designs programs to promote healthy life habits through health education. The student knows and applies the criteria and indicators of quality in the provision of physical therapy services, good clinical practice guidelines and professional standards.
- The student knows and analyzes the ethical, legal and professional conditions that shape the practice of physical therapy, the deontological codes of the profession and the legal norms of professional scope. The student encourages the participation of the

user and family in the physiotherapeutic intervention process.

### Contents

Fundamental concepts of health. Health systems and levels of care: incardination of physiotherapy services. Physiotherapy in the state of health and its role in health education. Health education programs. Integration of physiotherapy in the community. Administration and health management processes. Quality criteria and indicators in the provision of physiotherapy services. Good clinical practice guidelines and professional standards. Ethical, legal and professional conditions that shape the practice of physiotherapy. Professional codes of ethics. Legal norms of professional scope. Epidemiology.

## 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
Basic teaching: taught to a complete group, it incorporates theoretical teaching, methodological foundations and the essential concepts of the discipline. Lectures, screenings, visits, etc. may also be included.	30	50%
Practical and Developmental Teaching: these are taught in small groups: their content deals with laboratory practices and the development of practical cases that facilitate the acquisition of competencies by the student.	21	35%
Directed Activities	9	15%

## 5. TEACHING METHODOLOGIES

### METHODOLOGY

#### **For basic education: Participative**

##### **master classes.**

Theoretical face-to-face classes taught by the teacher of the course for the development of the contents established in the teaching guide. These are classes

expository lectures with the use of computer systems and projection. Participation and debate with the students will be encouraged as a method to strengthen their critical capacity and group communication skills.

**For practical and developmental teaching:**

**Case studies and problem solving.**

Exposure and presentation of the contents of the subject in an eminently practical and participative environment, working the student in the resolution of problems, practical cases, treatment of information of interest, elaboration of reports, etc. These activities will be carried out in appropriate spaces (seminar, computer room, etc.) as practical teaching and development.

**For the directed activities:**

**Group work. Seminars.**

Small group work proposed by the professor of the subject (community intervention projects, ethical and legal aspects of the practice of the profession, etc.), which allow accrediting the assumption of the contents and the achievement of the competencies described. The work is carried out in a non-presential way, directed by the professor in seminars.

## 6. EVALUATION SYSTEM

For the evaluation of the acquisition of the competences of this subject, all the formative activities carried out during the period of teaching of the subject will be evaluated, that is to say: the concepts and procedures transmitted by the professor through the lectures, the laboratory practices and the case studies and problem solving. The active participation of the student in the classroom activities of the subject will also be valued.

The evaluation system shall be governed in accordance with the provisions established in the

Evaluation of the Undergraduate Students of the Universidad Pablo de Olavide, from Seville, of June 3, 2014, being, according to said regulation, continuous evaluation the system considered as preferential, being able to be applied in a general way to Basic Education, Practical and Developmental Education and Activities.

Directed, so that the student is guaranteed the possibility to acquire the skills and knowledge in a progressive and sequenced manner.

When the training activities include the use of applications computer evaluation may also include testing in the use of such applications.

The valuation of each type of activity will be based on the dedication defined for each one of them through the following percentages:

EVALUATION SYSTEM	PERCENTAGE
Developmental written tests, short open-ended writing tests, objective tests.	30%-50%
Practical and oral tests on case studies and problem solving, and preparation and presentation of papers.	40%-60%
Participation in classroom activities	10%-15%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Neurological and Psychomotor Physiotherapy</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	7º
<b>Total credits</b>	6
<b>Course</b>	4º
<b>Character</b>	Mandatory Training
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	<b>C1</b>
<b>a. Basic Education (EB):</b>	30 hours (50%)
<b>b. Practical Education and Development (EPD):</b>	30 hours (50%)
<b>c. Directed Activities (AD)</b>	-

### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

CB01: That students have demonstrated knowledge and understanding in an area of study that builds on the foundation of general secondary education, and is typically at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.

CB02: That students know how to apply their knowledge to their work or vocation in a professional manner and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and problem solving within their area of study.

CB03: That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.

CB04: Students are able to convey information, ideas, problems or solutions to both specialized and non-specialized audiences.

CB05: That the students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

CG01: Know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.

CG02 : Know and understand the sciences, models, techniques and tools on which physiotherapy is based, articulated and developed.

CG03: Know y understand the methods, procedures y procedures and actions

physiotherapy, aimed both at the actual therapy to be applied to the patient and at the clinical activities for reeducation or functional recovery, as well as realization of activities aimed at the promotion and maintenance of health.

CG04: Acquire the experience clinical experience experience that provides intellectual skills and technical and manual dexterity; that facilitates

the incorporation of values

and professional ethics; and to develop the capacity for integration of the

knowledge acquired; so that, at the end of the studies, the students

know how to apply them to specific clinical cases in the hospital and out-of-hospital setting, as well as to actions in primary and community care.

CG05: Assess the patient's functional status, considering physical, psychological and social aspects

CG06: Diagnostic assessment of physiotherapy care according to internationally recognized validation standards and tools

CG07: Design the physical therapy intervention plan taking into account to the criteria of adequacy, validity and efficiency.

CG08: Execute, direct and coordinate the physiotherapy intervention plan, using the proper therapeutic tools and taking into account the individuality of the user.

CG09: Evaluate the evolution of the results obtained with the treatment in relation to the objectives set.

CG10: Prepare the physiotherapy care discharge report once the proposed objectives have been met.

CG11: Providing a effective physiotherapy care, providing one assistance comprehensive patient care

CG12: Intervene in the areas of health promotion, prevention, protection and recovery.

CG13: Knowing how to work in professional teams as a basic unit in which to structure in a uni or multidisciplinary and interdisciplinary way the professionals and other personnel of the care organizations

CG14: Incorporate the ethical and legal principles of the profession into professional practice as well as integrate social and community aspects in decision making.

CG15: Participate in the development of physiotherapy care protocols based on scientific evidence, promoting professional activities that promote research in physiotherapy.

CG16: Carry out the physiotherapeutic interventions based on in the care integrated health care that involves multiprofessional cooperation, integration of processes and continuity of care.

CG17: Understand the importance of updating the knowledge, skills, abilities and attitudes that integrate the professional competencies of the physical therapist.

CG18: Acquire skills management systems that include the efficient use of



health resources and to develop planning, management and control activities in the care units where physiotherapy care is provided and its relationship with other health services.

CG19: Communicate effectively and clearly, both orally and in writing, with users of the health care system as well as with other professionals.

## 2.2. Transversal Competencies

CT01: Capacity for analysis and synthesis

CT02: Organizational and planning skills

CT03: Proficiency in oral and written communication in Spanish CT04:

Command of scientific literature in English CT05: Computer skills

related to the field of study CT06: Ability to manage information

CT07: Problem-solving skills CT08: Decision-

making skills CT08: Decision-making skills

CT09: Capacity for intradisciplinary and interdisciplinary teamwork

CT10: Demonstrate skills in interpersonal relationships

CT11: Recognition of diversity and multiculturalism, acting with honesty, tolerance and respect for diversity.

CT12: To develop critical reasoning CT13:

To develop ethical commitment CT14:

Capacity for autonomous learning

CT15: Ability to adapt to change and new situations CT16: Developing creativity

CT18: Motivation for quality, developing responsibility and ethical commitment to work.

## 2.3. Specific Competencies

CE22: Understand and perform specific methods and techniques related to the locomotor system (including manual therapies, joint manipulative therapies, osteopathy and chiropractic), neurological processes, respiratory system, cardiocirculatory system and static and dynamic alterations. Specific methods and techniques that take into account the implications of orthopedics in physiotherapy, reflex therapy techniques, as well as other alternative methods and techniques, and/or The safety and efficacy of complementary products that have been proven to be safe and effective according to the current state of scientific development

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

The student knows and understands the basis of the specific methods of intervention in physical therapy, as well as the procedures and techniques derived from them and applies them. Such methods are referred to the locomotor system (including manual therapies, manipulative therapies, articular therapies, osteopathy and chiropractic), the respiratory system, the cardio-circulatory system, the

neurological disorders, static and dynamic disorders, orthopedic methods and reflex, alternative or complementary therapeutic techniques related to the field of physiotherapy.

### Contents

Theoretical and practical study of the methods, procedures and specific techniques of intervention in Physiotherapy concerning the neurological and psychomotor system.

## 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
Basic teaching: taught to a complete group, it incorporates theoretical teaching, methodological foundations and the essential concepts of the discipline. Lectures, screenings, visits, etc. may also be included.	30	50%
Practical and Developmental Teaching: these are taught in small groups: their content deals with laboratory practices and the development of practical cases that facilitate the acquisition of competencies by the student.	30	50%

## 5. TEACHING METHODOLOGIES

### METHODOLOGY For basic education:

#### **Participative master classes.**

Theoretical classes taught by the professor of the subject for the development of the contents established in the teaching guide. They are expository classes with the use of computer systems and projection. Student participation will be encouraged as a method to enhance their critical capacity and their communicative skills in group.

#### **For practical and developmental teaching:**

#### **Laboratory practices**

Explanation and demonstration of contents, methods, models, specific procedures and techniques of intervention in physiotherapy by the

by the teaching staff, with specialized clinical material and practical simulators. Repetition by the student of the models, procedures and techniques, with simulation of the professional role; evaluation of their performance by the faculty and group discussion about it. These activities will take place in the Physiotherapy laboratory.

#### **Case studies and problem solving**

Group exercises in which there will be discussion, exemplification and practical application of the procedures to be used in the theoretical-practical assumptions and clinical cases proposed by the professor, thus directing the process of autonomous resolution by the student of problems and clinical cases, to develop their capacity for analysis and synthesis, to value the proposals of others and the defense of their own, incorporating transversal competences and assimilating contents and professional competences. These exercises will be carried out during the laboratory practices.

## 6. EVALUATION SYSTEM

For the evaluation of the acquisition of the competences of this subject, all the formative activities carried out during the period of teaching of the subject will be evaluated, that is to say: the concepts and procedures transmitted by the professor through the lectures, the laboratory practices and the case studies and problem solving. The active participation of the student in the classroom activities of the subject will also be valued.

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Directed, so that the student is guaranteed the possibility to acquire the skills and knowledge in a progressive and sequenced manner.

When the training activities include the use of applications computer evaluation may also include testing in the use of such applications.

The valuation of each type of activity will be based on the dedication defined for each one of them through the following percentages:

EVALUATION SYSTEM	PERCENTAGE
Developmental written tests, short open-ended writing tests, objective tests.	40%-55%
Practical and oral tests on case studies and problem solving, and preparation and presentation of papers.	35%-50%
Participation in classroom activities	10%-15%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Pediatric Physical Therapy</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	8º
<b>Total credits</b>	6
<b>Course</b>	4º
<b>Character</b>	Mandatory Training
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	<b>C1</b>
<b>a. Basic Education (EB):</b>	30 hours (50%)
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### 2. COMPETENCIES

#### 2.1. Basic and General Competencies

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physiotherapy, aimed both at the actual therapy to be applied to the patient and at the clinical activities for reeducation or functional recovery, as well as the realization of activities aimed at the promotion and maintenance of health.

CG04: Acquire the clinical experience that provides intellectual skills and technical and manual dexterity; that facilitates the incorporation of values

and professional ethics; and to develop the capacity for integration of the knowledge acquired; so that, at the end of the studies, the students know how to apply them to specific clinical cases in the hospital and out-of-hospital environment, as well as to actions in primary and community care.

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health services

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## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

The student knows and understands the basis of the specific methods of intervention in physical therapy, as well as the procedures and techniques derived from them and applies them. Such methods refer to the locomotor system (including manual therapies, manipulative therapies, articular therapies, osteopathy and chiropractic), the respiratory system, the cardio-circulatory system, neurological processes, static and dynamic alterations, orthopedic methods and reflex, alternative or complementary therapeutic techniques related to the framework of competences of Physical Therapy.

## Contents

Theoretical and practical study of the methods, procedures and specific techniques of intervention in pediatric physiotherapy.

### 4. TRAINING ACTIVITIES

TRAINING ACTIVITIES	HOURS	PERCENTAGE
Basic teaching: taught to a complete group, it incorporates theoretical teaching, methodological fundamentals and the essential concepts of the discipline. Lectures, screenings, visits, etc. may also be included.	30	50%
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### 5. TEACHING METHODOLOGIES

#### METHODOLOGY For basic education:

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with simulation of the professional role; evaluation of their performance by the teaching staff and group discussion about it. These activities will take place in the Physiotherapy laboratory.

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## 6. EVALUATION SYSTEM

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Participation in classroom activities	10%-15%

## 7. TEACHING STAFF

<b>Name</b>	
<b>Center</b>	San Isidoro University Center
<b>Departmental Areas</b>	Social and Health Sciences
<b>E-mail</b>	