

## SUBJECT DATA SHEET

### 1. DESCRIPTION OF THE SUBJECT

<b>Grade</b>	Physiotherapy
<b>Subject</b>	<b>Respiratory and Cardiovascular Physical Therapy</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	6º
<b>Total credits</b>	6
<b>Course</b>	3º
<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 instruments on which physiotherapy is based, articulated and developed.

CG03: Know and understand the methods, procedures and actions

physiotherapy, aimed at both the actual therapy to be applied to the patient and 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 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 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 into 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 the 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 respiratory and cardiovascular system.

## 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.	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 the contents, methods, models, procedures and specific techniques of intervention in Physiotherapy by the faculty, 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.

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.	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>Manual Therapy I</b>
<b>Module</b>	Compulsory Training at the Universidad Pablo de Olavide
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	5º
<b>Total credits</b>	6
<b>Course</b>	3º
<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.

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.

CG14: Incorporate the ethical and legal principles of the profession into professional practice as well as integrate social and community aspects into 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 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 competences of the physiotherapist

CG19: Communicate effectively and clearly, both orally and in writing, with the 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

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 alterations of statics and dynamics. Specific methods and techniques that take into account the implications of orthopedics in physiotherapy, reflex therapeutic techniques, as well as other alternative and/or complementary methods and techniques whose safety and efficacy have been demonstrated according to the state of development of science.

CE33: Acquire the theoretical knowledge, intellectual abilities and technical and manual skills necessary to correctly apply the specific methods, procedures and techniques of special massage therapy, such as Manual Lymphatic Drainage, Cyriax Transverse Massage, Connective Tissue Massage, myofascial release, and others.

CE34: To know, understand and apply the global methods of structural and functional rebalancing of posture, such as the Mézierès Method, the Busquet Method and others. To relate the totality of the human body associating the musculoskeletal system, cranial and visceral sphere, in a way that allows a global and integral therapeutic approach of the patient.

CE35: Understand analyze and apply the specific methods and techniques of Orthopaedic Manual Therapy according to the criteria of the International Federation of Orthopaedic Manual/Manipulative Physical Therapists.

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

Knows the principles of the specific methods of Orthopaedic Manual Therapy according to the criteria of the International Federation of Orthopaedic Manipulative Physical Therapists and is able to apply the relevant techniques.

### Contents

Orthopaedic Manual Therapy, according to the criteria of the International Federation of Orthopaedic Manipulative Physical Therapists, in the cervical spine and craniofacial system, dorsal spine, lumbar spine and pelvis.

#### 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 courses:**

##### **Laboratory practices**

Explanation and demonstration of the contents, techniques and special procedures in massage therapy, global methods and manual therapy by the faculty with clinical material and practical simulations. Repetition by the student of the technique and/or procedure with simulation of the professional role, evaluation by the faculty and group discussion of the choice of the method, procedure or technique used. These activities will be performed in the Physiotherapy laboratory, with specialized equipment.

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

Group exercises in which discussion, exemplification and practical application of the procedures to be used in the theoretical and practical assumptions and clinical cases proposed by the professor will be carried out, thus directing the process of autonomous resolution by the student of problems and clinical cases, in order to

to develop their capacity of 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.

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.	40%-55%
Practical tests and oral tests on case studies and problem solving and the 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>Manual Therapy II</b>
<b>Module</b>	Compulsory Training at the Universidad Pablo de Olavide
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	6º
<b>Total credits</b>	6
<b>Course</b>	3º
<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.

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.

CG14: Incorporate the ethical and legal principles of the profession into professional practice as well as integrate social and community aspects into 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 competences of the physiotherapist

CG19: Communicate effectively and clearly, both orally and in writing, with the 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 CT04: Handling the scientific literature of the disciplinary field

in English. CT05: Computer skills related to the field of study CT06:

Ability to manage information.

CT07: Problem solving 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 alterations of statics and dynamics. Specific methods and techniques that take into account the implications of orthopedics in physiotherapy, reflex therapeutic techniques, as well as other alternative and/or complementary methods and techniques whose safety and efficacy have been demonstrated according to the state of development of science.

CE33: Acquire the theoretical knowledge, intellectual abilities and technical and manual skills necessary to correctly apply the specific methods, procedures and techniques of special massage therapy, such as Manual Lymphatic Drainage, Cyriax Transverse Massage, Connective Tissue Massage, myofascial release, and others.

CE34: To know, understand and apply the global methods of structural and functional rebalancing of posture, such as the Mézierès Method, the Busquet Method and others. To relate the totality of the human body associating the musculoskeletal system, cranial and visceral sphere, in a way that allows a global and integral therapeutic approach of the patient.

CE35: Understand analyze and apply the specific methods and techniques of Orthopaedic Manual Therapy according to the criteria of the International Federation of Orthopaedic Manual/Manipulative Physical Therapists.

## 3. LEARNING OUTCOMES AND CONTENT

### Learning Outcomes

Knows the principles of the specific methods of Orthopaedic Manual Therapy according to the criteria of the International Federation of Orthopaedic Manipulative Physical Therapists and is able to apply the relevant techniques.

### Contents

Orthopaedic Manual Therapy, according to the criteria of the International Federation of Orthopaedic Manipulative Physical Therapists, in the extremities and trunk.



#### 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.	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 of enhancing their critical capacity and their communicative skills in group.

##### **For practical and developmental courses:**

##### **Laboratory practices**

Explanation and demonstration of the contents, techniques and special procedures in massage therapy, global methods and manual therapy by the faculty with clinical material and practical simulations. Repetition by the student of the technique and/or procedure with simulation of the professional role, evaluation by the faculty and group discussion of the choice of the method, procedure or technique used. These activities will be performed in the Physiotherapy laboratory, with specialized equipment.

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

Group exercises in which discussion, exemplification and practical application of the procedures to be used in the theoretical and practical assumptions and clinical cases proposed by the professor will be carried out, thus directing the process of autonomous resolution by the student of problems and clinical cases, in order to

to develop their capacity of 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 of acquiring 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 tests and oral tests on case studies and problem solving and the 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>Physiotherapy of Locomotor System Dysfunctions</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Semester</b>	5º
<b>Total credits</b>	6
<b>Course</b>	3º
<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 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 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 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 manner 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 the 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 changes 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 complementary products whose safety and efficacy have been demonstrated according to the state of the art of science.

### 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 Physiotherapy concerning the locomotor 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 face-to-face classes taught by the teacher of the subject for the development of the contents established in the teaching guide. These are classes expository lectures with the use of computer systems and projection. Student participation will be encouraged as a method to strengthen their critical capacity and group communication skills.

#### **For practical and developmental courses:**

##### **Laboratory practices**

Explanation and demonstration of the contents, methods, models, procedures and specific techniques of intervention in Physiotherapy by the faculty, with specialized clinical material and practical simulators. Repetition by the student of the models, procedures and techniques,

with role simulation performance appraisal; performance appraisal by the

and group discussion about it. These activities will take place in the Physiotherapy laboratory.

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

Group exercises in which we will proceed to the discussion, exemplification and practical application of the procedures to be used in the theoretical and 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 evaluate 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.

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

Course Description: **Physiotherapy of Locomotor System Dysfunctions**

Education, Practical and Developmental Education and Activities.



Directed, so that the student is guaranteed the possibility of acquiring 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 tests and oral tests on case studies and problem solving and the 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>Physiotherapy in Clinical Specialties I</b>
<b>Module</b>	Specific Training in Physiotherapy
<b>Departmental Area</b>	Social and Health Sciences
<b>Temporary Deployment</b>	Annual (5th and 6th semesters)
<b>Total credits</b>	6
<b>Course</b>	3º
<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.

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

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 manner 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.

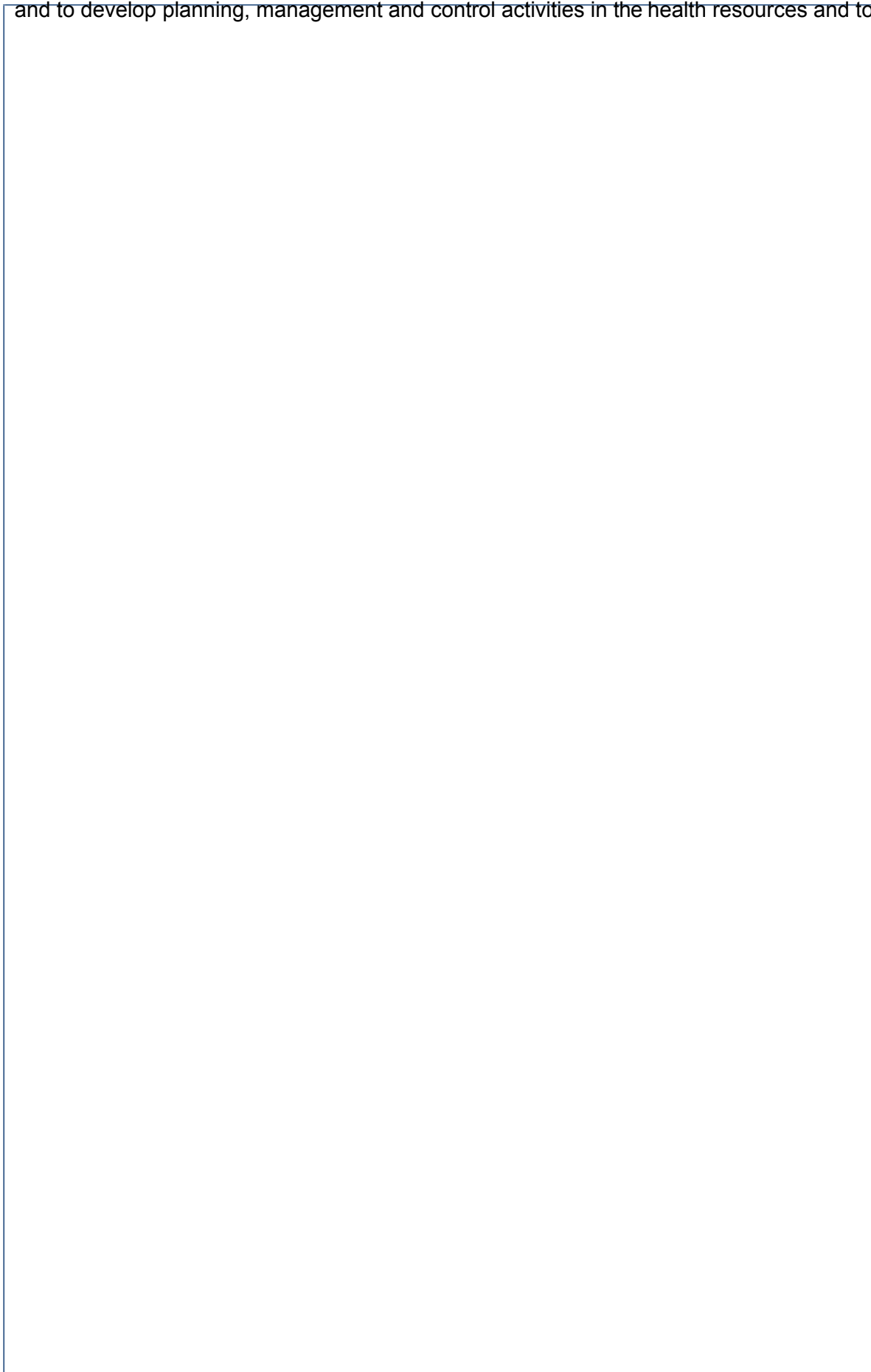
CG15: Participate in the development of physiotherapy care protocols based on scientific evidence, promoting professional activities that promote research in physiotherapy.

CG16: Carry out the physiotherapeutic interventions based on the 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 in management systems that include the efficient use of

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



care units where physiotherapy care is provided and its relationship with other healthcare 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

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 changes and new situations

CT16: Developing creativity

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 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 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:**

**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**

Performance and exhibition of work in small groups, proposed by the teacher of the subject, so that the student develops his capacity and communicative ability, and that allow certifying the assumption of the contents and the achievement of the described competences. The work is done 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. ε	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>Tutored Clinical Internship I</b>
<b>Module</b>	Tutored Internships and Final Degree Project
<b>Departmental Area</b>	Social and Health Sciences
<b>Temporary Deployment</b>	Annual (5th and 6th semesters)
<b>Total credits</b>	18
<b>Course</b>	3º
<b>Character</b>	Internships
<b>Language of instruction</b>	English

<b>Teaching model. Classroom work:</b>	
<b>Internships</b>	405 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 at both the actual therapy to be applied to the patient and to 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 manner 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	405	90%
Completion of the clinical practice notebook	27	6%
Evaluation activities	18	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, i.e.: the degree of acquisition of 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	4 <sup>0</sup> %
Practical tests through the demonstration of skills and competencies with simulation of the professional role, developed by the student.	4 <sup>6</sup> %
Realization of the internship program	1 <sup>5</sup> %

## 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>	