

## BASIC DETAILS:

<b>Subject:</b>	INGLÉS CIENTÍFICO		
<b>Id.:</b>	30366		
<b>Programme:</b>	GRADUADO EN FISIOTERAPIA. PLAN 2009 (BOE 15/10/2011)		
<b>Module:</b>	HABILIDADES PROFESIONALES		
<b>Subject type:</b>	MATERIA BASICA		
<b>Year:</b>	1	<b>Teaching period:</b>	Annual
<b>Credits:</b>	6	<b>Total hours:</b>	150
<b>Classroom activities:</b>	64	<b>Individual study:</b>	86
<b>Main teaching language:</b>	Inglés	<b>Secondary teaching language:</b>	Castellano
<b>Lecturer:</b>		<b>Email:</b>	

## PRESENTATION:

Scientific English is directly related to Physiotherapy. It consists of 5 blocks: Introduction to Physiotherapy and study skills, the Body and Movement, the Clinical Interview, Soft tissue injuries and Academic Texts. The main aim of this subject is to activate and develop your reading, writing, speaking and listening skills in English so that you can perform professional tasks such as giving instructions to patients for exercises and stretches; participating in a clinical interview, recognizing symptoms, describing injuries and suggesting initial treatment. You will also develop key academic competences like understanding academic texts, and distinguishing between registers (technical and colloquial). In addition, this subject will help you to participate more actively in other subjects where English is integrated (Fundamentals of Physiotherapy, Kinesiotherapy, Anatomy). By the end of the course we hope you will be more confident about using English as a necessary tool in your professional and academic life.

*La asignatura de Inglés Científico está directamente relacionada con la Fisioterapia. Consta de 5 bloques (unidades): Introducción a Fisioterapia y técnicas de estudio I, el cuerpo y el movimiento, la entrevista clínica, las lesiones y textos académicos. El objetivo principal de la asignatura es de activar y desarrollar tus competencias de comprensión (oral y escrita) y producción (oral y escrita) en inglés para que puedas realizar tareas profesionales como, por ejemplo, dar instrucciones a pacientes para la realización de ejercicios y estiramientos, participar en una entrevista clínica, o reconocer y describir las síntomas de las lesiones y sugerir un tratamiento inicial. Trabajaremos también algunas competencias académicas claves como, por ejemplo, entender textos científicos y distinguir entre registros (técnico/ coloquial). Además, la asignatura te ayudará a participar de forma más activa en otras asignaturas de contenidos donde el inglés está integrado, (Fundamentos de Fisioterapia, Kinesioterapia...). Al terminar el curso esperamos que tengas más seguridad a la hora de emplear el inglés como una herramienta necesaria en tu vida profesional y académica.*

## PROFESSIONAL COMPETENCES ACQUIRED IN THE SUBJECT:

<b>General programme competences</b>	G02	Solve problems that arise day-to-day both creatively and efficiently, in order to ensure the highest levels of quality of professional work.
	G09	Ability to come up with new ideas (creativity).
	G11	Ability to develop learning strategies throughout life to be able to acquire new knowledge, by developing their own academic and professional career path.
	G13	Oral and written communication in English, according to the needs of their field of study and the demands of their academic and professional environment.
	G15	Ability to assimilate concepts of a social and humanistic nature into a comprehensive university education to enable the development of ethical values such as solidarity, multiculturalism, equality, commitment, respect, diversity, integrity, etc.
<b>Specific programme competences</b>	E03	Identify the psychological and social factors that influence the state of health or illness of individuals, families and community.
	E04	Know and develop the theory of communication and interpersonal skills.

	E06	Understand the psychological aspects in the physiotherapist-patient relationship.
	E07	Identify the factors that intervene in teamwork and leadership situations.
<b>Regulated profession competences</b>	P17	Understand the importance of updating the knowledge, skills, abilities and attitudes that make up the professional competencies of the physiotherapist.
	P19	Communicate effectively and clearly, both orally and in writing, with users of the healthcare system as well as other professionals.
<b>Learning outcomes</b>	R01	Understand the main ideas of the discourse related to the field of physiotherapy, health and study, whenever expressed clearly and simply (Listening).
	R02	Identify and understand the main ideas of academic and educational texts related to physiotherapy and health (Reading comprehension).
	R03	Participate in simple conversations about personal, professional and academic issues (Oral interaction).
	R04	Simply connect phrases to describe, explain processes and projects, review and give instructions (Speaking).
	R05	Write structured texts related to physiotherapy and health Take notes from original sources (Writing).

### PRE-REQUISITES:

A minimum of a B1 level of English is required in order to be able to participate fully in Scientific English. If you have a B2 or C1 level you will also learn a lot about Physiotherapy and the language most related to it and have the opportunity to develop linguistic, professional and academic skills. If you do not have a B1 level of English, we recommend that you attend the general English courses at A2 level offered by the ILM (Institute of Modern Languages). Your teacher can tell you about timetables and levels.

*La asignatura Inglés Científico se desarrolla a un nivel B1 alto. Aunque tengas un nivel B2 o C1 ahora, el curso te dará la oportunidad de ampliar el vocabulario y tus conocimientos de Fisioterapia además de mejorar todas tus competencias lingüísticas, profesionales y académicas en áreas que no has estudiado previamente. Para poder participar al máximo en el curso y avanzar hacia el nivel B2 exigido al terminar el grado, recomendamos que tengas al menos un nivel B1 de inglés al comenzar el curso. Si no tienes un nivel B1 de inglés, no dudes en pedir una tutoría a tu profesora y apúntarte a los cursos generales que ofrece el ILM (Instituto de Lenguas Modernas) ilm@usj.es. Tu profesora te puede aconsejar sobre niveles y horarios.*

### SUBJECT PROGRAMME:

#### Subject contents:

<b>1 - Introduction to Scientific English and Physiotherapy</b>
1.1 - Course presentation and introduction to Physiotherapy.
<b>2 - The Body and Movement</b>
2.1 - Surface anatomy
2.2 - Positions and movements
2.3 - Instructions to patients
<b>3 - The Clinical Interview</b>
3.1 - Vital signs and personal details
3.2 - Talking about Pain
3.3 - Communication with your patient: questions
3.4 - The pain chart and patient reports
<b>4 - Soft Tissue Injuries</b>
4.1 - Introduction to soft Tissue injuries
4.2 - The musculoskeletal and other body systems
4.3 - Defining and explaining terms
4.4 - Causes of injury
4.5 - Signs, Symptoms and initial treatment of injury
<b>5 - Study Skills</b>

5.1 - Academic texts I - research articles
5.2 - Academic texts II - Graphs and charts

Subject planning could be modified due unforeseen circumstances (group performance, availability of resources, changes to academic calendar etc.) and should not, therefore, be considered to be definitive.

## TEACHING AND LEARNING METHODOLOGIES AND ACTIVITIES:

### Teaching and learning methodologies and activities applied:

**English:** The classes are in English. this may be difficult at first but your English, particularly your listening skills will improve fast.

**Inglés:** *Las clases se desarrollan en inglés. Aunque esto pueda resultar difícil al comienzo del curso, tus competencias lingüísticas en inglés, sobre todo la comprensión aural, mejorarán rápidamente.*

**Classes:** we aim to make the classes dynamic and interactive. We use pair and group work a lot in order to maximise student speaking time and give you the opportunity to learn in a cooperative manner and to develop professional and personal competences. Your progress depends on you. Participate!

**Las clases:** *Tratamos de que las clases sean dinámicas e interactivas. Muchas actividades se desarrollan en parejas o grupos para así maximizar la participación y las oportunidades de hablar en inglés. Este dinámica también fomenta el aprendizaje cooperativo y el desarrollo de competencias profesionales y personales. Tu progreso depende de tí y tu participación activa en el curso.*

**Tutorials:** Ask your teacher for a tutorial (in class or by email) whenever you have any questions or difficulties related to the course.

**Tutorías:** *Pide una tutoría a tu profesora (en clase o por correo electrónico) cuando quieras para aclarar dudas y resolver cualquier clase de dificultad que puedas tener relacionada con la asignatura.*

**Feedback:** we aim to give useful feedback on your tasks so that you know what you are doing well and what you need to work on. Please take the time to read it and learn from it.

**Retro-alimentación:** *tratamos de proporcionar comentarios útiles sobre tus trabajos, para que sepas dónde vas bien y dónde necesitas trabajar más. Toma el tiempo de leer los comentarios.*

**Individual Study tasks:** There are Study tasks almost every week. Some consolidate work done in class, others prepare you for the next class. All are useful and all will be tested and evaluated in progress tests and individual tasks. Please do them.

**Estudio autónomo:** *Hay trabajos de estudio autónomo todas las semanas. A veces estas actividades sirven para consolidar y ampliar el contenido visto en clase. Otras veces introducen un nuevo tema que se tratará en la próxima clase. Para poder aprovechar y participar en las clases y realizar las tareas evaluadas es necesario hacer estas tareas. .*

### Student work load:

Teaching mode	Teaching methods	Estimated hours
Classroom activities	Master classes	8
	Practical exercises	6
	Practical work, exercises, problem-solving etc.	14

	Debates	3
	Coursework presentations	6
	Films, videos, documentaries etc.	6
	Other practical activities	10
	Assessment activities	11
<b>Individual study</b>	Tutorials	2
	Individual study	22
	Individual coursework preparation	22
	Group coursework preparation	10
	Research work	12
	Compulsory reading	12
	Other individual study activities	6
	<b>Total hours:</b>	<b>150</b>

### ASSESSMENT SCHEME:

#### Calculation of final mark:

Written tests:	30 %
Individual coursework:	30 %
Group coursework:	10 %
Final exam:	20 %
Study tasks:	10 %
<b>TOTAL</b>	<b>100 %</b>

\*Las observaciones específicas sobre el sistema de evaluación serán comunicadas por escrito a los alumnos al inicio de la materia.

### BIBLIOGRAPHY AND DOCUMENTATION:

#### Basic bibliography:

Todo el material básico (lecturas, documentos audiovisuales, páginas web y diccionarios) estarán en la PDU. Tanto la bibliografía recomendada que está en la biblioteca, y las páginas web indicadas abajo, pueden ser útiles e interesantes para la resolución de dificultades puntuales o para la realización de tareas evaluadas.

#### Recommended bibliography:

GRAMMAR: Essential Grammar in Use Elementary Spanish Edition 3rd edition. Murphy, Raymond Elementary CUP 2006

CLINICAL CASE STUDIES in Physiotherapy, Guthrie, L.J. Churchill Livingstone, 2008

DICTIONARY of Physiotherapy, Stuart B. Porter. Butterworth-Heinemann Ltd, 2005

GENERAL INFORMATION: The Physiotherapists pocketbook. Kenyon, K. Churchill Livingstone, 2009

GRAMMAR: Grammar in Use Intermediate, Third Edition, Murphy, Raymond CUP 2004

PATIENT EVALUATION: Neuromusculoskeletal Examination and Assessment: A Handbook for Physiotherapists, Petty, N. Churchill Livingstone, 2011

PRONUNCIATION: English Pronunciation in Use Elementary. Marks, Jonathan. Cambridge University Press, 2007

Quick Reference DICTIONARY for Physical Therapy, Jennifer M. Bottomrey, Karen Jacobs, Slack Incorporated, 2003

The Physiotherapists Pocket Guide to EXERCISE, Glynn, A. Churchill Livingstone, 2009

VOCABULARY Professional English in Use. Medicine. Glendinning, E.H.; Howard, R. Cambridge University Press, 2007

#### Recommended websites:

A Guide to Human Anatomy	<a href="http://www.innerbody.com/image/musfov.html">http://www.innerbody.com/image/musfov.html</a>
General dictionary	<a href="http://www.wordreference.com/">http://www.wordreference.com/</a>
General English dictionary with pronunciation	<a href="http://www.oxfordlearnersdictionaries.com/">http://www.oxfordlearnersdictionaries.com/</a>
General English language practice	<a href="http://www.bbc.co.uk/worldservice/learningenglish/index.shtml">http://www.bbc.co.uk/worldservice/learningenglish/index.shtml</a>

General English Language practice	<a href="http://www.nonstopenglish.com">http://www.nonstopenglish.com</a>
Medical Dictionary	<a href="http://medical-dictionary.thefreedictionary.com/">http://medical-dictionary.thefreedictionary.com/</a>
Muscles and Nerves	<a href="http://www.meddean.luc.edu/lumen/MedEd/grossAnatomy/dissector/muscles/master.html">http://www.meddean.luc.edu/lumen/MedEd/grossAnatomy/dissector/muscles/master.html</a>
Muscles in Action	<a href="http://www.med.umich.edu/lrc/Hypermuscle/Hyper.html">http://www.med.umich.edu/lrc/Hypermuscle/Hyper.html</a>
Physiotherapy EXERCISES	<a href="http://www.physiotherapyexercises.com/">http://www.physiotherapyexercises.com/</a>
World confederation for physiotherapy	<a href="http://www.wcpt.org/">http://www.wcpt.org/</a>

\* Guía Docente sujeta a modificaciones