

BASIC DETAILS:

Subject:	INGLÉS		
Id.:	33277		
Programme:	GRADUADO EN BIOINFORMÁTICA. PLAN 2019 (BOE 06/02/2019)		
Module:	HABILIDADES SOCIALES Y PROFESIONALES		
Subject type:	OBLIGATORIA		
Year:	1	Teaching period:	Primer Cuatrimestre
Credits:	6	Total hours:	150
Classroom activities:	62	Individual study:	88
Main teaching language:	Inglés	Secondary teaching language:	Castellano
Lecturer:		Email:	

PRESENTATION:

Students coming to the first year of university will notice that there is an ample opportunity to practice and recycle the English that they have studied at school throughout their lives. This course, through providing future Bioinformatic specialists with technical English, most definitely prompts students to use English for their everyday social and professional use. The course is driven by the competences recommended by the Common European Framework for Languages. These competences are listed below in addition to other field specific competences. It is important that students keep these competences in front of them and work towards them, See more about the materials and activities in the other sections.

English in this course (Reading, Speaking, Listening, Writing, Grammar and Vocabulary) will be taught/ learned in relation to IT and Health Science topics and themes. These topics and themes range from technical and academic to social and cultural. The course starts at a B1/ B2 level and adapts to other levels.

PROFESSIONAL COMPETENCES ACQUIRED IN THE SUBJECT:

General programme competences	G03	Cooperate to achieve common results through teamwork in a context of integration, collaboration and empowerment of critical discussion.
	G05	Communicate professional topics in Spanish and / or English both orally and in writing.
	G07	Choose between different complex models of knowledge to solve problems.
Learning outcomes	R01	Identificar las ideas principales del discurso relacionado con el campo de la bioinformática, la salud y su estudio, siempre que sea expresado de forma clara y sencilla, (comprensión auditiva).
	R02	Identificar las ideas principales de textos académicos y divulgativos relacionados con la bioinformática y la salud, (comprensión lectora).
	R03	Participar en conversaciones sencillas relacionadas con temas personales, profesionales y académicos, (interacción oral).
	R04	Enlazar frases de forma sencilla para describir, explicar procesos y proyectos, opinar y dar instrucciones, (expresión oral).
	R05	Redactar textos estructurados relacionados con la Bioinformática y la salud. Tomar apuntes de fuentes originales, (expresión escrita).
	R06	Emplear estrategias de la pronunciación para facilitar la pronunciación de términos desconocidos.

PRE-REQUISITES:

Students are expected to have a high B1 Level. If they do not have this level, they should sign up for an IML course.

SUBJECT PROGRAMME:

Subject contents:

1 - Overview and Self Assessment
1.1 - Language needs analysis
2 - Academic and Professional Skills

2.1 - Introduction to Bioinformatics
2.2 - Computers in Bioinformatics
2.3 - Presentation skills
2.4 - Micro-organisms and disease
2.5 - Genetics and Medicine
2.6 - Stem Cell Research
2.7 - Careers in the field of Bioinformatics
2.8 - Statistics and reading graphs/figures/data
3 - English Language Skills
3.1 - Lecture management- preparing for lectures, making notes, speaking from notes, making useful contributions
3.2 - Technical and academic vocabulary work (including pronunciation)
3.3 - Grammar work - guessing words from context, prefixes and suffixes, word forms, synonyms, paraphrasing
3.4 - Reading and Listeners Comprehension
3.5 - Scientific reading-reading research, skimming and scanning, topic development
3.6 - Technical writing-reports/articles- researching reports, complex sentences, essay types
3.7 - Practicing Genres- Definitions/ Descriptions, Analysis skills, Linking ideas, Recognising points of views
3.8 - Academic English skills
4 - Oral and Written Tests
4.1 - Listening and Oral Tests

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:

Classes are conducted exclusively in English. Students are expected to participate in class and in all class-related activities in English. Although this may be difficult for students at the beginning of the course, their linguistic competence will improve rapidly. Classes are practical and communicative. Many class activities will be conducted in pairs and groups in the format of information gaps, debates, project preparation, problem solving, simulations, presentations etc. This methodology enables maximum student participation and talking time in class. It also encourages cooperative learning and meaningful interaction between students and the development of professional competences.

Tutorials

During these sessions, students can ask questions, clarify concepts, ask for additional bibliography either face to face or electronically. Some tutorial time will be devoted to assistance with group work. Your lecturer will inform you about tutorial times.

Independent Study

Students are expected to complete all independent study tasks, which will be uploaded on the PDU every week. These tasks are suited to individual study and the development of reading, writing and listening skills and vocabulary extension. Students are required to upload their completed tasks on the PDU before the deadline. All tasks must be completed as they will be evaluated directly or indirectly (through participation, individual work or group work). It is therefore important that students check the PDU every week.

Student work load:

Teaching mode	Teaching methods	Estimated hours
Classroom activities	Master classes	22
	Practical exercises	12
	Coursework presentations	2
	Assessment activities	6

	Tutorials	2
	Group activities (debates, forums, wikis, social networks, case studies, projects...) (e-learning environment)	3
	Assessment methods (questionnaires and other concepts) (e-learning environment)	15
Individual study	Tutorials	3
	Individual study	25
	Individual coursework preparation	14
	Group coursework preparation	8
	Recommended reading	10
	Individual coursework (preparation, presentations, oral presentations, problem-solving...) (e-learning environment)	15
	Video class/Webinars/ podcast (e-learning environment)	13
Total hours:		150

ASSESSMENT SCHEME:

Calculation of final mark:

Written tests:	40	%
Individual coursework:	30	%
Group coursework:	20	%
Final exam:	10	%
TOTAL	100	%

*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:

Blum, Andrew, Tubes: A journey to the Center of the Internet, 2010
Bonamy David, Technical English 4, Pearson, 2015
Chrimes, John, English for Biomedical Science in Higher Education Studies, Garnet 2015
Glenndinning, E and McEwan, J. Basic English for Computing. OUP, 2009.
Grussendorf, M. English for Presentations. OUP, 2008.
Jeremy, D. Cambridge English for Job Hunting. CUP, 2008
Kirkpatrick, B and Mock, R. Read and Understand III. Learners Publishing, 2005.
McCarthy and Duckworth. English for Telecoms and Information Technology. OUP, 2003
Mills, R. Speaking of Values. Pearson, 2006.
Moss J. Successful Negotiations. Business English Pod, 2009.

Recommended bibliography:

Recommended websites:

Acronym Finder is the world's largest and most comprehensive dictionary of acronyms, abbreviations	www.acronymfinder.com
Computer and Programming Languages. For Your Free Tutorials	www.freecomputerbooks.com
English 4 IT is a self-paced course in technical English for IT students.	www.english4it.com/
English IT terms	www.pcworld.com
Free English grammar, vocabulary and	www.nonstopenglish.com

business English exercises and tests	
Free online dictionary and thesaurus	www.wordreference.com
General UK English learning website	www.bbc.co.uk/worldservice/learningenglish
Online English dictionary	www.merriam-webster.com
Playful word associations. Visually captivating. Connect words visually. Learn synonyms and other connections	www.visuwords.com
Talks and conferences in English	www.tedtalks.com

* Guía Docente sujeta a modificaciones