



IDENTIFYING DATA

Computer and Corpus Linguistics Applied to the English Language

Subject	Computer and Corpus Linguistics Applied to the English Language			
Code	V01M121V01202			
Study programme	(*)Máster Universitario en Estudios Ingleses Avanzados e as súas Aplicacións			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Optional	1st	2nd
Teaching language	English			
Department				
Coordinator	Pérez Guerra, Javier			
Lecturers	Pérez Guerra, Javier Tizón Couto, David			
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General description	<p>The aim of this course is to introduce the field of corpus linguistics and corpus-based methodology for the linguistic study of English. General issues about the design, collection and analysis of corpus material will be discussed. In practical sessions students will learn how to search and analyse text corpora using software tools. Students will develop the ability to describe and discuss the extent to which language usage varies and can be tracked with reference to genuine examples attested in corpora.</p> <p>With this course students will acquire skills in:</p> <ul style="list-style-type: none"> <input type="checkbox"/> the principles and methodology of English corpus linguistics; <input type="checkbox"/> the practical use of linguistic corpora and related software; <input type="checkbox"/> the discussion of specialized literature on corpus linguistics; <input type="checkbox"/> the presentation of research results. 			

Competencies

Code	
B1	
B3	
B4	--
B6	--
B7	--
B8	--
B9	--
C3	(*)Coñecemento dos principais recursos e ferramentas de investigación lingüística.
C11	(*)Capacidade de aplicar métodos de investigación cuantitativa e cualitativa, de executar varios procedementos de recolleita e análise de datos e de utilizar software específico para a investigación en lingüística inglesa.

Learning outcomes

Expected results from this subject	Training and Learning Results
(*)Students will gain the ability to design, collect and analyse corpus material, including the use of software tools to search, retrieve and sift data. Students will develop skills in interpreting information presented in the form of diagrams, tables and graphs; they will be able to apply and interpret tests of statistical significance.	B3 B9 C3 C11

(*)Students will improve their skills in academic writing. On successful completion of the course students will have shown the ability to design a research project and develop a written argument of depth and complexity, using primary sources and critical literature, with a standard of scholarly presentation of the material produced appropriate to MA study.

B1
B4
B6
B7
B9
C11

(*)Students will practice skills and strategies relevant to a successful completion of an MA degree programme, such as time management, group work, working to deadlines, self-directed study and research, etc. Students will be able to use appropriate notation and referencing conventions in linguistic research. They will also acquire skills in the use of library and database resources for independent research.

B7
B8
B9
C3

(*)Students will become familiar with strategies for a good delivery of an oral presentation, including the presentation of handouts.

B7
B8
C3

Contents

Topic	
1. Introduction	Description vs. theory. Corpus vs. computational linguistics. Brief history of corpus linguistics.
2. What is a corpus?	Defining a corpus. Types of corpora. Main corpus resources for linguistic research.
3. Corpus design and compilation	Sampling matters: e.g. size, representativeness, collecting and computerizing data, storage and copyright.
4. Corpus annotation	Tagging, parsing and other types of annotation.
5. Data retrieval	Software tools. Precision and Recall. Concordances and queries. Keywords, word lists, frequency lists, etc.
6. Data analysis	Quantitative and qualitative analyses. Normalised frequencies and frequency distribution. Statistical significance.
7. Applications of corpora for the linguistic analysis of English	Selection of case studies on lexicon, grammar, discourse markers, register variation, historical change, sociolinguistics, etc.
8. Hands-on demonstrations with a selection of corpora	Hands-on demonstrations with a selection of corpora

Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	2	3	5
Master Session	8	0	8
Troubleshooting and / or exercises	3	38	41
Jobs and projects	1	20	21

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Introductory activities	Activities aimed to take contact and gather information on the students' profiles, as well as to present the course.
Master Session	Presentation by the instructors of the the contents, the theoretical bases and/or the guidelines of the course, the required exercises and projects.
Troubleshooting and / or exercises	Activities involving problems and/or exercises related to the contents.

Personalized attention

Methodologies	Description
Troubleshooting and / or exercises	Office hours and virtual attention through the elearning plataform or email.
Tests	Description
Jobs and projects	Office hours and virtual attention thourgh the elearning plataform or email.

Assessment

Description	Qualification	Training and Learning Results

Master Session	Participation and implication of the students in the teaching sessions: attention, comments and questions to the thread of the explanations and resolution of activities.	15	B1 B6 B7	C3
Troubleshooting and / or exercises	Resolution of exercises, problems or small tasks that the students will carry out in class or in an autonomous way.	55	B1 B6 B7 B8 B9	C3 C11
Jobs and projects	Final test with a practical and theoretical component. The student will carry out a presentation of a case study.	30	B1 B3 B4 B7 B9	C3 C11

Other comments on the Evaluation

First opportunity

- as described above.

Second opportunity (July) (and students exempt from class attendance):

In the second opportunity students will take a test or will write a written essay on the theoretical and practical aspects of the course, on a date which will be agreed on between the lecturers and the students.

Sources of information

Basic Bibliography

McEnery, T., R. Xiao and Y. Tono, **Corpus-based language studies**, 1, Edinburgh University Press, 2006

Cantos, P., **Statistical methods in language and linguistic research**, 1, Equinox, 2011

Lindquist, H., **Corpus linguistics and the description of English**, 1, Edinburgh University Press, 2009

Hunston, Susan, **Corpora in applied linguistics**, 1, Cambridge University Press, 2002

Complementary Bibliography

Recommendations

Subjects that are recommended to be taken simultaneously

Variation and Change in the English Language/V01M121V01201

Subjects that it is recommended to have taken before

Linguistic Research Methods and Resources and their Application to the English Language/V01M121V01101

Other comments

The course will be delivered in English.

Attendance is compulsory.

Students are expected to complete all assignments and readings suggested by the lecturer, and to come to the sessions prepared to discuss them. Students must visit the eLearning platform for the course regularly. Students are expected to check their university email on a regular basis: announcements and last-minute changes will be notified via email.

Academic misconduct (including cheating, plagiarism, self-plagiarism, collusion or fabrication of results) will not be tolerated and will be penalised with a zero mark or with a fail for the entire course, depending on the task involved. Pledging lack of awareness about plagiarism will not excuse students from their responsibility.