



UNIVERSITY OF ZADAR
UNIVERSITAS STUDIORUM IADERTINA
 Form 1.3.2. *Syllabus*

Course	Introduction to English Language Research Methods II – Analysing and Presenting Data					Year	2023/2024				
Study programme	English Language and Literature					ECTS	3				
Department	Department of English										
Level of study programme	<input checked="" type="checkbox"/> Undergraduate		<input type="checkbox"/> Graduate		<input type="checkbox"/> Integrated			<input type="checkbox"/> Postgraduate			
Type of study programme	<input type="checkbox"/> Single major <input checked="" type="checkbox"/> Double major		<input type="checkbox"/> University		<input type="checkbox"/> Professional			<input type="checkbox"/> Specialized			
Year of study	<input type="checkbox"/> 1.		<input checked="" type="checkbox"/> 2.		<input checked="" type="checkbox"/> 3.		<input type="checkbox"/> 4.		<input type="checkbox"/> 5.		
Semester	<input type="checkbox"/> Winter	<input type="checkbox"/> I.		<input type="checkbox"/> II.		<input type="checkbox"/> III.		<input checked="" type="checkbox"/> IV.		<input type="checkbox"/> V.	
	<input checked="" type="checkbox"/> Summer	<input checked="" type="checkbox"/> VI.		<input type="checkbox"/> VII.		<input type="checkbox"/> VIII.		<input type="checkbox"/> IX.		<input type="checkbox"/> X.	
Status of the course	<input type="checkbox"/> Compulsory		<input checked="" type="checkbox"/> Elective		<input checked="" type="checkbox"/> Elective course offered to students from other departments			Teaching Competencies		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Workload	15	L	30	S		E	Internet sources for e-learning			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Location and time of instruction	Monday 14:00-17:00; IT room, Obala kralja Petra Krešimira IV. 2, Zadar				Language(s) in which the course is taught			English			
Course start date	26/2/2024					Course end date			7/6/2024		
Enrolment requirements	Students should be enrolled in 4 th or 6 th semester of the undergraduate programme at the Department of English										
Course coordinator	Asst. prof. Frane Malenica, PhD										
E-mail	fmalenica@unizd.hr					Consultation hours		TUE 10:00-12:00			
Course instructor	Asst. prof. Frane Malenica, PhD										
E-mail	fmalenica@unizd.hr					Consultation hours		TUE 10:00-12:00			
Assistant/Associate											
E-mail						Consultation hours					
Assistant/Associate											
E-mail						Consultation hours					
Mode of teaching	<input checked="" type="checkbox"/> Lectures		<input checked="" type="checkbox"/> Seminars and workshops		<input type="checkbox"/> Exercises		<input checked="" type="checkbox"/> E-learning		<input checked="" type="checkbox"/> Field work		
	<input checked="" type="checkbox"/> Individual assignments		<input checked="" type="checkbox"/> Multimedia and network		<input type="checkbox"/> Laboratory		<input type="checkbox"/> Mentoring		<input type="checkbox"/> Other		
Learning outcomes	Upon completing this course, the students will be able to:										



	<ul style="list-style-type: none"> • recognize the importance of statistical methods for processing data in linguistic research and their main traits; • recognize and explain the difference between the main types of linguistic data; • recognize the main types of descriptive and inferential statistical procedures and recognize the differences between them; • design and conduct their own linguistic research and analyse the data collected within the scope of that research; • use questionnaires and surveys for collection of linguistic data; • conduct the appropriate procedures for analysing, summarising and describing collected quantitative linguistic data; • design and formulate their own research designs and hypotheses and test those hypotheses using appropriate statistical procedures; • summarize and present the results of their own linguistic research; • correlate the results of their research with the results of previous linguistic research; • explain and provide arguments for the choice of particular methods and ways of conducting research; • summarize and analyse the results of their research and evaluate the importance of those results within the contemporary scientific discoveries and theoretical models of language; and • apply the acquired research skills in the international scientific and professional environment. 				
Learning outcomes at the Programme level	<p>Upon completing this course, the students will be able to:</p> <ul style="list-style-type: none"> • apply a critical and self-critical approach in argumentation; • carry out scientific research investigations; • apply ethical principles in conducting investigations and in resolving issues independently and in a group; • assess the importance of working in an international context. 				
Assessment criteria	<input type="checkbox"/> Class attendance	<input checked="" type="checkbox"/> Preparation for class	<input checked="" type="checkbox"/> Homework	<input type="checkbox"/> Continuous evaluation	<input checked="" type="checkbox"/> Research
	<input checked="" type="checkbox"/> Practical work	<input type="checkbox"/> Experimental work	<input type="checkbox"/> Presentation	<input type="checkbox"/> Project	<input type="checkbox"/> Seminar
	<input checked="" type="checkbox"/> Test(s)	<input type="checkbox"/> Written exam	<input type="checkbox"/> Oral exam	<input type="checkbox"/> Other:	
Conditions for permission to take the exam	Minimum attendance of 70% in lectures and seminars				
Exam periods	<input type="checkbox"/> Winter		<input checked="" type="checkbox"/> Summer		<input checked="" type="checkbox"/> Autumn



Exam dates		17/6/2024 1/7/2024	9/9/2024 23/9/2024
Course description	Quantitative data are the backbone of research in all linguistic disciplines, which is why understanding and using appropriate methods for processing and analysing quantitative data is paramount for conducting linguistic research. The aim of this course is to present some of the most fundamental and the most commonly used methods for analysing quantitative data collected through empirical research and prepare the train the students how to use these methods in their own work. Within the scope of this course, the students will learn how to use a computer to process data collected through quantitative linguistic research, how to use appropriate statistical procedures for summarizing, describing and presenting collected data, how to formulate hypotheses and research questions and test them using appropriate statistical procedures, how to use computer programs for statistical analysis, how to formulate and write research proposals and reports, how to clearly and concisely present the results of their own research and how to form a critical opinion based on collected quantitative data.		
Course content	<ol style="list-style-type: none">1. Introduction2. Types of variables (dependent/independent, numerical/categorical), variable levels, and types of measurement and scales, hypotheses3. Stages of the research process, research questions, research designs, samples4. Surveys and questionnaires I5. Surveys and questionnaires II6. Discussion I7. Descriptive statistics I – Frequency, measures of central tendency, measures of dispersion8. Inferential statistics I – Normal distribution, probability, parametric and non-parametric tests9. Inferential statistics II – Chi-squared, degrees of freedom10. Inferential statistics III – T-test11. Inferential statistics IV – Analysis of variance (ANOVA)12. Inferential statistics V – Regression analysis, Pearson correlation coefficient13. Mid-term14. Presenting data I – Formulating a research proposal and a research report, writing tips15. Discussion II		
Required reading	<ul style="list-style-type: none">• Brezina, V. (2018). <i>Statistics in Corpus Linguistics: A Practical Guide</i> (1st ed.). Cambridge University Press.• Hatch, E. M., & Lazaraton, A. (1994). <i>The research manual: Design and statistics for applied linguistics</i>. Heinle & Heinle Publishers.• Rasinger, S. M. (2013). <i>Quantitative research in linguistics: An introduction</i> (Second Edition). Bloomsbury.• Wray, A., & Bloomer, A. (2006). <i>Projects in linguistics: A practical guide to researching language</i> (2nd ed). Hodder Arnold ; Distributed in the United States of America by Oxford University Press.		
Additional reading	<ul style="list-style-type: none">• Clark-Carter, D. (2019). <i>Quantitative psychological research: The complete student's companion</i> (4th Edition). Routledge.• Field, A. P., Miles, J., & Field, Z. (2012). <i>Discovering statistics using R</i>. Sage.• Fowler, F. J. (2014). <i>Survey research methods</i> (Fifth edition). SAGE.• Johnson, K. (2008). <i>Quantitative methods in linguistics</i>. Blackwell Pub.• McEnery, T., & Wilson, A. (2011). <i>Corpus linguistics: An introduction</i> (2. ed., repr). Edinburgh Univ. Press.• Phakiti, A. (2015). <i>Experimental Research Methods in Language Learning</i>. Bloomsbury.• Podesva, R., & Sharma, D. (Eds.). (2013). <i>Research methods in linguistics</i>. Cambridge University Press.		
Internet sources	/		



Assessment criteria of learning outcomes	Final exam only					
	<input type="checkbox"/> Final written exam		<input type="checkbox"/> Final oral exam		<input type="checkbox"/> Final written and oral exam	<input type="checkbox"/> Practical work and final exam
	<input type="checkbox"/> Only test/homework	<input checked="" type="checkbox"/> Test/homework and final exam	<input checked="" type="checkbox"/> Seminar paper	<input type="checkbox"/> Seminar paper and final exam	<input checked="" type="checkbox"/> Practical work	<input type="checkbox"/> other forms
Calculation of final grade	Mid-term/Final exam – 30% Conducting individual research and presenting the results – 40% Participation in discussions – 30%					
Grading scale	<60%	% Failure (1)				
	60-69.99%	% Satisfactory (2)				
	70-79.99%	% Good (3)				
	80-89.99%	% Very good (4)				
	>90%	% Excellent (5)				
Course evaluation procedures	<input checked="" type="checkbox"/> Student evaluations conducted by the University <input checked="" type="checkbox"/> Student evaluations conducted by the Department <input checked="" type="checkbox"/> Internal evaluation of teaching <input checked="" type="checkbox"/> Department meetings discussing quality of teaching and results of student evaluations <input type="checkbox"/> Other					
Note /Other	<p>In accordance with Art. 6 of the <i>Code of Ethics</i> of the Committee for Ethics in Science and Higher Education, “the student is expected to fulfil his/her obligations honestly and ethically, to pursue academic excellence, to be civilized, respectful and free from prejudice.”</p> <p>According to Art. 14 of the University of Zadar's <i>Code of Ethics</i>, students are expected to “fulfil their responsibilities responsibly and conscientiously. [...] Students are obligated to safeguard the reputation and dignity of all members of the university community and the University of Zadar as a whole, to promote moral and academic values and principles. [...]</p> <p>Any act constituting a violation of academic honesty is ethically prohibited. This includes, but is not limited to:</p> <ul style="list-style-type: none"> - various forms of fraud such as the use or possession of books, notes, data, electronic gadgets or other aids during examinations, except when permitted; - various forms of forgery such as the use or possession of unauthorised materials during the exam; impersonation and attendance at exams on behalf of other students; fraudulent study documents; forgery of signatures and grades; falsifying exam results.” <p>All forms of unethical behaviour will result in a negative grade in the course without the possibility of compensation or repair. In case of serious violations the <i>Rulebook on Disciplinary Responsibility of Students at the University of Zadar</i> will be applied.</p> <p>In electronic communications only messages coming from known addresses with a first and a last name, and which are written in the Croatian standard and appropriate academic style, will be responded to.</p> <p>This course uses the Merlin system for e-learning, so students are required to have an AAI account.</p>					



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	Statistical programs are used for the purpose of this course, which is students should have and use their own laptops.
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