



### COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title		Code
<b>QUANTITATIVE AND QUALITATIVE RESEARCH METHODS</b>		
Academic staff		Core academic unit(s)
<b>Coordinating: Assoc. Prof. Dr. Simona Kontrimienė</b>		Vilnius University Faculty of Philology Institute of Foreign Languages Universiteto 5, LT-01131 Vilnius
Study cycle		Type of the course unit
1 <sup>st</sup> (BA)		Individual
Mode of delivery	Semester or period when it is delivered	Language of instruction
Face-to-face and online lectures and seminars	Spring	English
Requisites		
<b>Prerequisites:</b> None		<b>Co-requisites (if relevant):</b> None

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
<b>5</b>	<b>135</b>	<b>64</b>	<b>71</b>

Purpose of the course unit		
<p>The <b>aim of the Quantitative Research Methods Part</b> of the course is to provide students with the knowledge and skills related to quantitative research, to develop the students' ability to analyse such research and carry out a quantitative study using univariate, bivariate and multivariate data analysis with the IBM SPSS software.</p> <p>The <b>aim of the Qualitative Research Methods Part</b> of the course is to provide students with the knowledge and skills related to qualitative research, to develop the students' ability to analyse such research and carry out a qualitative study using properly designed tools and materials.</p> <p>Both parts of the course expose students to concepts, tools and procedures fundamental to conducting quantitative and qualitative research. The focus will be placed on the relationship between theory and methods, the meaning behind numbers in a quantitative study or participants' accounts in a qualitative study, and presenting findings based on evidence.</p>		
Learning outcomes of the course unit	Teaching and learning methods	Assessment methods
<p>Upon completion of the course (within the context of academic and discipline-specific backgrounds), students will be able to:</p> <ul style="list-style-type: none"> <li>• Understand, explain and apply the basic principles of quantitative research and quantitative data analysis.</li> <li>• Independently develop and implement a quantitative research design: formulate scientifically valid research questions, select and develop research instruments, collect data and perform statistical analysis as well as formulate research conclusions.</li> <li>• Critically evaluate and present quantitative research in a relevant scientific discipline.</li> </ul>	<p>Classic teaching and learning methods: demonstration of audio and video material, illustration, narration, problem conversation. Task-based teaching and learning methods integrated with student-centred approach involving students in discussions, project work, reflection, brainstorming, independent work (information search, critical analysis, theoretical and practical problem solving).</p>	<p>Active and high-quality participation in seminars</p> <p>An individual presentation on a quantitative study of own choice</p> <p>A team quantitative study</p> <p>A team presentation on the quantitative study performed.</p>

<ul style="list-style-type: none"> <li>Understand, explain and apply the basic principles of qualitative research and qualitative data analysis.</li> <li>Independently design and implement a qualitative research design: formulate a scientifically valid research question, develop an interview guide, collect data, perform a qualitative data analysis and formulate research conclusions.</li> <li>Critically evaluate and present qualitative research in a relevant scientific discipline.</li> </ul>	Classic and task-based teaching and learning methods.	<p>Active and high-quality participation in seminars</p> <p>A team presentation on a chosen qualitative research method</p> <p>A mini qualitative study</p> <p>An individual presentation on the study performed.</p>
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Content: breakdown of the topics	Contact hours						Individual work: time and assignments		
	Lectures	Consultations	Seminars	Tutorials	Laboratory works	Internship	Contact hours	Individual work	Tasks for individual work
<p><b>1. Quantitative research methods:</b></p> <p>1. The basic principles of research. Types of quantitative research methods. The survey method. Research instruments, selection/development and preparation of instruments for a research study.</p> <p>2. Introduction to SPSS: creating a data matrix, entering data and preparation for statistical analysis.</p> <p>3. Univariate quantitative data analysis: a) measures of central tendency: mean, mode, median; b) dispersion (variance, standard deviation).</p> <p>4. Bivariate and multivariate data analysis: a) correlation; b) the Student t-test and ANOVA test; the chi-square test; c) regression analysis; factor analysis.</p> <p>5. Interpretation and writing up of results.</p> <p><b>2. Qualitative research methods:</b></p> <p>1. The basic principles of qualitative research. Main qualitative research methods (discourse analysis, phenomenology, grounded theory, case study, narrative, thematic analysis). Novel qualitative research methods (e.g. visual methods, collaborative autobiographical narrative, informed grounded theory, etc.).</p> <p>2. Conducting a qualitative study: using relevant sources and materials and creating an interview guide; performing an interview; data analysis and writing up.</p>	2		6				8	14	<p>Active and high-quality participation in seminars</p> <p>A presentation on a quantitative study of own choice</p> <p>A team project: a quantitative study</p> <p>A team presentation on the quantitative study performed.</p>
	2		4				6	7	
	1		4				5	2	
	1		4				5	4	
	2		4				6	10	
	4		10				14	12	<p>Active and high-quality participation in seminars</p> <p>A team project: a presentation on a chosen qualitative research method</p> <p>A mini qualitative study</p> <p>An individual presentation on the qualitative study performed.</p>
	4		16				20	22	
<b>Total</b>	<b>16</b>		<b>48</b>				<b>64</b>	<b>71</b>	

Assessment strategy	Weight %	Time of assessment	Assessment criteria
Quantitative research methods	50	During the semester	<ul style="list-style-type: none"> <li>• Participation in seminars (elaboration, interpretation, ability to question and draw conclusions) (15%).</li> <li>• An individual presentation on a quantitative study of own choice (relevance and educational value of the content, structure and cohesion, use of appropriate academic vocabulary, use of visual aids, pace, body language, rapport with the audience) (15%).</li> <li>• A team presentation on the quantitative study performed (relevance and educational value of the content, structure and cohesion, use of appropriate academic vocabulary, use of visual aids, pace, body language, rapport with the audience) (20%).</li> </ul>
Qualitative research methods	50	During the semester	<ul style="list-style-type: none"> <li>• Participation in seminars (elaboration, interpretation, ability to question and draw conclusions) (15%).</li> <li>• A team presentation on a chosen qualitative research method (relevance and educational value of the content, structure and cohesion, use of appropriate academic vocabulary, use of visual aids, pace, body language, rapport with the audience) (15%).</li> <li>• An individual presentation on the qualitative study performed (relevance and educational value of the content, structure and cohesion, use of appropriate academic vocabulary, use of visual aids, pace, body language, rapport with the audience) (20%).</li> </ul>

Author (-s)	Publishing year	Title	Publishing house or web link
<b>Required reading</b>			
1. Creswell J. & Poth C. N.	2018	Qualitative Inquiry and Research Design. Choosing among Five Approaches. 4 <sup>th</sup> Edition	Los Angeles: Sage.
2. Leavy P.	2017	Research Design: Quantitative, Qualitative, Mixed Methods, Arts-Based, and Community-Based Participatory Research Approaches	New York: The Guilford Press.
3. Pallant J.	2020	SPSS Survival Manual. 7 <sup>th</sup> Edition	London and New York: Routledge.
Author (-s)	Publishing year	Title	Publishing house or web link
<b>Recommended reading</b>			
Cartwright C., Gibson K. & Read J.	2018	Personal agency in women's recovery from depression: The impact of antidepressants and women's personal efforts	<a href="https://www.tandfonline.com/doi/full/10.1111/cp.12093">https://www.tandfonline.com/doi/full/10.1111/cp.12093</a> .
Margolis E. & Pauwels L.	2023	The Sage Handbook of Visual Research Methods	Los Angeles, London: Sage. <a href="https://onlinelibrary.wiley.com/doi/10.1002/pmh.1261">https://onlinelibrary.wiley.com/doi/10.1002/pmh.1261</a> .
Paris J., Perlin J., Laporte L.,	2014	Exploring resilience and borderline personality disorder: A qualitative study of pairs of sisters	

<p>Fitzpatrick M. &amp; Destefano J.</p> <p>Ntinda K.</p> <p>Terry G., Hayfield N., Clarke B. &amp; Braun V.</p> <p>Walker A. S. &amp; Tobbell J.</p> <p>Yazan B.</p>	<p>2020</p> <p>2017</p> <p>2015</p> <p>2015</p>	<p>Narrative Research. In: Handbook of Research Methods in Health Social Sciences</p> <p>Thematic Analysis. In: The SAGE Handbook of Qualitative Research in Psychology</p> <p>Lost Voices and Unlived Lives: Exploring Adults' Experiences of Selective Mutism using Interpretative Phenomenological Analysis</p> <p>Three Approaches to Case Study Methods in Education: Yin, Merriam, and Stake</p>	<p>Singapore: Springer Nature Singapore Pte Ltd.</p> <p>London: SAGE Publications Ltd.</p> <p><a href="https://www.advancedtherapeuticsolutions.org/media/1463/lost-voices-and-unlived-lives-exploring-adults-experiences-of-selective-mutism-using-interpretative-phenomenological-analysis.pdf">https://www.advancedtherapeuticsolutions.org/media/1463/lost-voices-and-unlived-lives-exploring-adults-experiences-of-selective-mutism-using-interpretative-phenomenological-analysis.pdf</a>.</p> <p><a href="https://nsuworks.nova.edu/cgi/viewcontent.cgi?article=2102&amp;context=tqr">https://nsuworks.nova.edu/cgi/viewcontent.cgi?article=2102&amp;context=tqr</a>.</p>
<p>Scientific research databases provided by VU</p>	<p>EBSCO, Sage, Science Direct, Springer, Taylor &amp; Francis.</p>		
<p>Additional databases</p>	<p>Google Scholar, Elsevier, Pubmed ir kt.</p>		