

Course title	Research Methodologies				
Course code	DIS509				
Course type	Compulsory				
Level	Postgraduate				
Year / Semester	1 <sup>st</sup> /1 <sup>st</sup>				
ECTS	7.5	Lectures / week	1	Laboratories / week	-
Course purpose and objectives	<p>This course will provide you with an opportunity to establish or advance your understanding of research through critical exploration of research language, ethics, and approaches. The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. You will use these theoretical underpinnings to begin to critically review literature relevant to your field or interests and determine how research findings are useful in forming your understanding of your work, social, local and global environment.</p> <p>The objectives of the course are:</p> <ul style="list-style-type: none"> <li>• Understand research terminology and explore various research methods</li> <li>• Be aware of the ethical principles of research, ethical challenges and approval processes</li> <li>• Describe quantitative, qualitative and mixed methods approaches to research</li> <li>• Identify the components of a literature review process</li> <li>• Critically analyze published research</li> </ul>				
Learning outcomes	1. Knowledge	C.O[1]: <b>Identify</b> the moral principles and challenges of			
		C.O[2]: <b>Identify</b> the methodological approach followed research activity (quantitative, qualitative, mixed)			
		C.O[3]: <b>understand</b> the need to apply data management protection policies, aligned with the current data governance frameworks			
	2. Skills	C.O[4]: <b>manage</b> bibliography			
		C.O[5]: <b>identify</b> methods for data analysis when drafting presenting a research proposal			

		C.O [6]: <b>use</b> the appropriate scientific arguments to review and criticize other research proposals and papers.
	3. Competencies (Responsibility and autonomy)	C.O. [7]: <b>apply</b> statistical analysis methodologies and use their outcomes  C.O. [8]: <b>evaluate</b> valid research sources  C.O. [9]: <b>create</b> reports

Prerequisites		Required
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Course content	Week	Topic
	1	Introduction to Research (C.O. [2])
	2	Selecting a Research Approach (C.O [1], C.O [6])
	3	Literature Review (C.O [3], C.O [4])
	4	Using the Theory (C.O [4], C.O [8], C.O [9])
	5	Writing Strategies and Ethical considerations (C.O [2], C.O [4], C.O [5])
	6	Scholarly introduction to your proposal (C.O [3], C.O [4], C.O [8])
	7	The purpose statements (C.O. [2])
	8	Research Questions and Hypotheses (C.O [1], C.O [3])
	9	Introduction to Qualitative Research, Study Designs and Methods (C.O [7])
	10	Analysis and Interpretation of Qualitative Data (C.O [5], C.O [7])
	11	Critical Appraisal of Qualitative Research (C.O [2], C.O [6], C.O [7], C.O [8])
	12	Mixed Methods Procedures (C.O [2], C.O [5], C.O [6], C.O [7])
13	<b>Revision</b>	

Teaching methodology

The lesson is implemented with the logic of the flipped classroom using a training platform (moodle) in which the lessons are organised, per week. This means that after studying the educational material there and being sufficiently prepared, you will come to the live lesson that follows in time, sufficiently prepared, in order — together now – to focus and deepen in the subject, solve questions and apply new knowledge. The telemeeting is done through the Microsoft Teams tool and the links of each scheduled meeting can be found in the Moodle, in a corresponding field. There are activities and assignments that aim to help you achieve the learning outcomes of each module and ultimately of the course as a whole. Some of them are mandatory and are graded based on specific criteria, which will be communicated to you each time. These criteria, in the language of instruction, are called assessment rubrics and are given in table form.

Specifically, in the course you will find:

1. **Self-assessment activities**, which are not graded. Their purpose is to assist you in testing your level of comprehension.
2. **Interactive activities, which are not graded.** These aim to make you deepen in the subject matter and apply the new knowledge, interacting not only with the content of the course, but also with your classmates, broadening your perspective and exercising your communication skills.
3. **Interactive activities, which are graded with a 20% weight on the total grade of the course.**

With these, in addition to the above, the assessment of your progress and of the degree to which you complete the learning objectives is achieved, in order for your tutor to adjust the learning process. As a result, your team's tutor will give you feedback and may come back to issues that you have not fully understood or need more practice on. In these activities, you will be given assessment

	<p>rubrics as a guide on what you are required to do and to be able to proceed with self-assessment and self-regulation.</p> <p><b>4. The semester’s assignment, which is graded and corresponds to 20% of your final grade.</b> The semester assignment aims to make you delve deeper into the subject, training you in research, documentation and scientific discourse production skills.</p>																								
Bibliography	<p>Creswell, J. W. Research design: Qualitative, quantitative and mixed methods approaches. 4th (2014) &amp; 5th (2018) Editions Thousand Oaks, CA: Sage.</p> <p>Bell, Emma, Alan Bryman, and Bill Harley. Business research methods. Oxford university press, 2018.</p>																								
Assessment	<table border="1"> <thead> <tr> <th></th> <th>CLO1</th> <th>CLO2</th> <th>CLO3</th> <th>CLO4</th> <th>CLO5</th> </tr> </thead> <tbody> <tr> <td>4 Interactive Activities</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>Course Project</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>Final Exam</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </tbody> </table>		CLO1	CLO2	CLO3	CLO4	CLO5	4 Interactive Activities	X	X	X	X	X	Course Project	X		X	X	X	Final Exam	X	X	X	X	
	CLO1	CLO2	CLO3	CLO4	CLO5																				
4 Interactive Activities	X	X	X	X	X																				
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Language	English																								