

## COURSE DESCRIPTION

Course Title	Research Methods				
Course Code	MGA541				
Course Type	Required course				
Level	Graduate				
Year / Semester	Year 1, 1 <sup>st</sup> semester				
Teacher's Name	Andri Ioannou				
ECTS	7.5	Lectures / week	3 hours per week	Laboratories / week	Included in the 3 hours per week
Course Purpose and Objectives	<p>The course is an introduction to the research methodology in the social sciences. Class members will learn the basic concepts and procedures used for conducting scientific research. The course covers various research methodologies, both qualitative and quantitative, with emphasis on conceptual and operational procedures as well as methods of measurement. The course is based on lectures as well as hands-on activities related to data analysis. Students are expected to be important contributors to the learning process and thus are required to review critically the assigned readings, their own work, and the work of their peers.</p>				
Learning Outcomes	<p>Upon completion of the work, student will be able to:</p> <ul style="list-style-type: none"> <li>- Identify research problems and form research questions.</li> <li>- Recognize and discuss major types of research: Experimental, Correlational, Survey Research, Action Research, Ethnographic Research, Grounded Theory, Mixed Method etc.</li> <li>- Discuss the measurement concepts of validity and reliability in quantitative research as well as concepts of credibility, transferability and dependability in qualitative research.</li> <li>- Apply knowledge of the above concepts and methods to evaluate research reports.</li> <li>- Apply knowledge of the above concepts and methods to conduct research projects in the social sciences.</li> </ul>				
Prerequisites			Required		

<p>Course Content</p>	<p>Week 1 What is research, The problem statement</p> <p>Week 2 Literature Review</p> <p>Week 3 Theoretical Framework</p> <p>Week 4 Research Methods and Designs</p> <p>Week 5 Quantitative Research Methodology</p> <p>Week 6 Quantitative Research Methodology (continued)</p> <p>Week 7 Qualitative Research Methodology</p> <p>Week 8 Qualitative Research Methodology (continued)</p> <p>Week 9 Hands on with QUAN data analysis</p> <p>Week 10 Hands on with QUAL data analysis</p> <p>Week 11 Mixed Methods Research</p> <p>Week 12 Proposal writing</p> <p>Week 13 Proposal writing (continued)</p>
<p>Teaching Methodology</p>	<p>Teaching methods include short lectures, classroom activities and assignments, oral presentations, on-site supervision, discussions and class and group reviews. The project work of the course gradually builds on all course units per week (research framework, research questions, literature review, methodology, data collection and analysis, presentation of results).</p>

<p>Bibliography</p>	<p>Required and recommended readings (scientific journals articles and book chapters) will be posted on the course website.</p> <p>Indicatively:</p> <ul style="list-style-type: none"> <li>• Creswell, J.W., &amp; Plano Clark, V.L. (2011). <i>Designing and conducting mixed methods research</i>. Thousand Oaks: Sage.</li> <li>• Campbell, D. T., &amp; Stanley, J. C. (2015). <i>Experimental and quasi-experimental designs for research</i>. Cambridge: Ravenio Books.</li> <li>• Brannen, J. (2017). <i>Mixing methods: Qualitative and quantitative research</i>. London: Routledge.</li> <li>• Bryman, A. (2017). Quantitative and qualitative research: further reflections on their integration. In <i>Mixing methods: Qualitative and quantitative research</i> (pp. 57-78). London: Routledge.</li> <li>• Patton, M. Q. (2015). <i>Qualitative research and methods: Integrating theory and practice</i>. Thousand Oaks: Sage Publications.</li> </ul>
<p>Assessment</p>	<ol style="list-style-type: none"> <li>1. Course project and presentation (40%)</li> <li>2. Classroom exercises (10%)</li> <li>3. Final exam (50%)</li> </ol> <p>Evaluation criteria</p> <p>According to the learning objectives of the course project, the evaluation will be based on the following criteria:</p> <p>Grade 9 - 10/10 - Work is a well-developed understanding of the processes required. The work is based on extensive and intensive research and innovation. The student shows how the student chose and handled methodologies and sources that are best suited for completing his/her work. The job shows skills and excellent ability.</p> <p>Grade 8 - 8.5 / 10 - Work has a well-developed understanding of processes and is based on a better than average performance for exploration and innovation. The student shows a good idea of how to choose and handle methodologies and resources that are appropriate for completing his/her work. Work shows basic skills.</p> <p>Grade 7 - 7.5 / 10 - The work shows some understanding of the processes required, and is based on some integrated effort for exploration and innovation. The student shows some idea of how to choose and handle methodologies and resources that are appropriate for completing his/her work. The job shows some skills and abilities.</p>

	<p>Grade 6 - 6.5 / 10 - Work has a limited understanding of the processes required, and is based on a limited effort for exploration and innovation. The student shows a little how he chose and handled methodologies and sources that are appropriate for completing his work. Work shows skills and abilities that are less than satisfactory.</p> <p>Grade 0 - 6/10 - The work does not understand the processes required, and/or is based on a lack of effort for exploration and innovation. The student handled the wrong methodologies and sources to complete his work. The job shows skills and abilities that are unsatisfactory.</p>
Language	Greek