

# Syllabus

## *Course Description*

<b>Course Title</b>	Research Topics in Social Sciences
<b>Course Code</b>	29085
<b>Course Title Additional</b>	
<b>Scientific-Disciplinary Sector</b>	NN
<b>Language</b>	English
<b>Degree Course</b>	PhD Programme in Management
<b>Other Degree Courses (Loaned)</b>	
<b>Lecturers</b>	
<b>Teaching Assistant</b>	
<b>Semester</b>	All semesters
<b>Course Year/s</b>	1
<b>CP</b>	2
<b>Teaching Hours</b>	12
<b>Lab Hours</b>	0
<b>Individual Study Hours</b>	0
<b>Planned Office Hours</b>	0
<b>Contents Summary</b>	<p>Broccardo :</p> <p>Introduction to impact finance - This short course will enable the students to understand the basic principles of impact finance, the main financial instruments and techniques, the goals and purpose of different stakeholders, the main challenges and limits, and recent (theoretical and empirical) literature strands.</p> <p>Candio :</p> <p>Introduction to health economic evaluation - This short course will enable the students to understand the basic principles of health economics and its relevance for informing health management decision-making. No previous knowledge of economics is required.</p> <p>Coller :</p>

	<p>Introduction to Simulations in Management Research - This short course will enable the students to understand the basic principles of simulations and how this method has been used in management research.</p>
<b>Course Topics</b>	<p>Broccardo :</p> <p>The definition of impact finance: actors, purpose, and instruments (with a focus on social impact bonds and green bonds)</p> <p>Literature: empirical and theoretical recent streams</p> <p>Candio :</p> <p>Theoretical background and key health economic concepts</p> <p>Measuring and valuing costs and outcomes</p> <p>Interpreting cost-effectiveness analysis results for decision making</p> <p>Coller :</p> <p>Theoretical background and key simulation concepts</p> <p>Simulations as a research method</p> <p>Simulation research in Management</p>
<b>Keywords</b>	health economics; economic evaluation; Simulations, Numerical experiments
<b>Recommended Prerequisites</b>	none
<b>Propaedeutic Courses</b>	none
<b>Teaching Format</b>	<p>Broccardo : Lecture</p> <p>Candio : Lecture and discussion</p> <p>Coller : Frontal lectures, discussions, and assignments</p>
<b>Mandatory Attendance</b>	Required
<b>Specific Educational Objectives and Learning Outcomes</b>	<p>Broccardo :</p> <p>This short course will enable the students to understand the basic principles of impact finance, the main financial instruments and techniques, the goals and purpose of different stakeholders, the main challenges and limits, and recent (theoretical and empirical) literature strands.</p> <p>Candio :</p> <p>Gain foundational knowledge of key concepts relating to the discipline of health economics</p> <p>Coller :</p>

	<p>This short course will enable the students to understand the basic principles of simulations and how this method has been used in management research. During the class, they are required to apply the basic principles of simulation to solve a simple problem.</p>
<b>Specific Educational Objectives and Learning Outcomes (additional info.)</b>	
<b>Assessment</b>	<p>Broccardo :</p> <p>Evaluation of a brief research proposal (max 3 pages)</p> <p>Candio :</p> <p>An in-class formative assignment in the form of a short quiz</p> <p>Coller :</p> <p>Each student will be assigned a paper. They will provide critical commentary on the paper and produce a brief report on how the paper applies the simulation methodology to investigate a specific research question.</p>
<b>Evaluation Criteria</b>	<p>Broccardo : pass or not pass</p> <p>Candio : 75% of the quiz have to be right</p> <p>Coller : Pass or no pass. The critical commentary will be evaluated with the following evaluation criteria:</p> <ul style="list-style-type: none"> <li>ż Correctness and reliability of the statements</li> <li>ż Structure and clarity of the statements</li> <li>ż Logic and coherence of the statements</li> <li>ż Integration and interconnectedness of the learned content</li> </ul>
<b>Required Readings</b>	<p>Broccardo :</p> <p>Readings will be provided during the course.</p> <p>Candio :</p> <p>Drummond, M. F., Sculpher, M. J., Torrance, G. W., O'Brien, B. J., &amp; Stoddart, G. L. (2015). Methods for the Economic Evaluation of Health Care Programmes (3rd ed.). Oxford University Press. ISBN-13: 978-0198529446.</p> <p>Briggs, A., Claxton, K., &amp; Sculpher, M. (2006). Decision Modelling for Health Economic Evaluation (Handbooks in Health Economic</p>

	<p>Evaluation) (1st ed.). Oxford University Press. ISBN-13: 978-0198526629.</p> <p>Coller :</p> <p>↳ Davis, J. P., Eisenhardt, K. M., &amp; Bingham, C. B. (2007). Developing Theory Through Simulation Methods. <i>Academy of Management Review</i>, 32(2), 480–499. <a href="https://doi.org/10.5465/amr.2007.24351453">https://doi.org/10.5465/amr.2007.24351453</a></p> <p>Harrison, J. R., Lin, Z., Carroll, G. R., &amp; Carley, K. M. (2007). Simulation modeling in organizational and management research. <i>Academy of Management Review</i>, 32(4), 1229–1245. <a href="https://doi.org/10.5465/amr.2007.26586485">https://doi.org/10.5465/amr.2007.26586485</a></p>
<b>Supplementary Readings</b>	
<b>Further Information</b>	
<b>Sustainable Development Goals (SDGs)</b>	