

<b>Course unit title:</b>	Research Methodology
<b>Course unit code:</b>	INS604
<b>Type of course unit:</b> (Compulsory/optional)	Compulsory
<b>Level of course unit:</b> (First, second or third cycle)	Master (2 <sup>nd</sup> Cycle)
<b>Year of study:</b>	1
<b>Semester when the unit is delivered:</b>	1
<b>Number of ECTS credits allocated:</b>	6
<b>Name of lecturer(s):</b>	TBA
<b>Learning outcomes of the course unit:</b>	
<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> <li>• Improve written and oral technical research skills.</li> <li>• Select and justify a research topic.</li> <li>• Use various resources to carry out a literature search.</li> <li>• Explain the need to position a research project in a wider academic and business context.</li> <li>• Structure and format the project to agreed conventions.</li> <li>• Design, execute, interpret and report results from empirical research projects</li> <li>• Manage a project and explain the relevant techniques and tools needed in order to complete it successfully on time and within budgeted resources.</li> </ul>	
<b>Mode of delivery:</b>	Face- to- face
<b>Prerequisites and co-requisites:</b>	None
<b>Recommended optional program components:</b>	None
<p><b>Course Contents:</b></p> <p><b>Objective:</b> The student acquires the necessary skills to enable the successful completion of a project. Established research methods for independent research are introduced using methodical processes. This is related to general objectives 5 and 6 and special objectives 6 to 10.</p> <p><b>Description:</b> The nature of research: Definitions and types of research; research process; topic selection and scope; feasibility</p>	

<p>and value.</p> <p>The literature search: Sources of information; differentiating between types of sources; primary, secondary and tertiary sources; using the library and digital databases to conduct efficient literature reviews; searching the Internet; role of the supervisor.</p> <p>Project management: Methods, techniques and tools for research design, and data collection.</p> <p>Analysis and synthesis: Statistical and qualitative techniques for data analysis; use of appropriate software.</p> <p>Reliability and validity of research projects.</p> <p>Presentation of research findings: Project structure; conventions on citation and quotations; style of writing a report.</p>					
<p><b>Recommended or required reading:</b></p>	<p>Sekaran, U. &amp; Bougie, R. (2009). Research Methods for Business: A Skill Building Approach. Milton, Queensland: John Wiley.</p> <p>Boland, R.J., &amp; Hircheim, R.A. (Eds). (2005). Critical Issues in Information Systems Research. Hoboken, NJ: John Wiley: Information Systems Series.</p> <p>Cornford, T., &amp; Smithson, S. (2006). Project Research in Information Systems. London, UK: Palgrave.</p> <p>Galliers, R.D. (Ed). (2002). Information Systems Research: Issues, Methods and Practical Guidelines. Suffolk, UK: Alfred Waller Publishers.</p> <p>Howard, K., &amp; Sharp, J.A. (2002). The Management of a Student Research Project. Aldershot, UK: Gower Press.</p> <p>Turk, C., &amp; Kirkman, J. (1989). Effective Writing: Improving Scientific, Technical and Business Communication. New York, NY: Chapman &amp; Hall.</p>				
<p><b>Planned learning activities and teaching methods:</b></p>	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Class Instruction</td> <td style="width: 40%; text-align: center;">42 Hours</td> </tr> <tr> <td>Consultation</td> <td style="text-align: center;">30 Hours</td> </tr> </table>	Class Instruction	42 Hours	Consultation	30 Hours
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Consultation	30 Hours				

<b>Assessment methods and criteria:</b>	<table border="1"> <tr> <td data-bbox="617 237 1079 273">Examinations</td> <td data-bbox="1079 237 1315 273">50%</td> </tr> <tr> <td data-bbox="617 273 1079 308">Project/ Class Participation</td> <td data-bbox="1079 273 1315 308">50%</td> </tr> <tr> <td data-bbox="617 308 1079 344"></td> <td data-bbox="1079 308 1315 344">100%</td> </tr> </table>	Examinations	50%	Project/ Class Participation	50%		100%
Examinations	50%						
Project/ Class Participation	50%						
	100%						
<b>Language of instruction:</b>	English						
<b>Work placement(s):</b>	No						
<b>Place of Teaching:</b>	Regular Classroom European University Cyprus, Nicosia  Computer Laboratory European University Cyprus, Nicosia						