

<b>Course title</b>	Business Information Systems				
<b>Course code</b>	BIS202				
<b>Course type</b>	Compulsory				
<b>Level</b>	Postgraduate				
<b>Year / Semester</b>	1 <sup>st</sup> /2 <sup>nd</sup>				
<b>Teacher's name</b>	Dr. Elia Kouzari				
<b>ECTS</b>	7.5	<b>Lectures / week</b>	1-2	<b>Laboratories / week</b>	0
<b>Course purpose and objectives</b>	<p>The course aims to enhance the knowledge of the students in the domain of Information Systems, focusing on the management aspect. Among other issues, this course investigates the strategic, management and operational views of the design, analysis, implementation and control of all systems in an organization. In addition, small – medium enterprises and their unique characteristics are also addressed so as to connect the domain with the Cypriot business domain.</p>				
<b>Learning outcomes</b>	<p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> <li>▪ Understand what an Information System (IS) is and what its implications are for the operation and competitiveness of a business/an organization</li> <li>▪ Identify the appropriate IS to solve the information problems of businesses /organizations</li> <li>▪ Compare different IS that appear as alternatives to improve business /organizational performance</li> <li>▪ Plan the life cycle of business data</li> <li>▪ Evaluate the infrastructure of e-commerce systems and study issues governing the security and reliability of electronic transactions</li> </ul>				
<b>Prerequisites</b>	None	<b>Required</b>	None		
<b>Course content</b>	<ul style="list-style-type: none"> <li>▪ Information Systems in Global Business Today</li> <li>▪ Global E-business and Collaboration – Part A</li> <li>▪ Global E-business and Collaboration – Part B</li> <li>▪ Information Systems, Organizations, and Strategy – Part A</li> <li>▪ Information Systems, Organizations, and Strategy – Part B</li> <li>▪ Ethical and Social Issues in Information Systems</li> <li>▪ IT Infrastructure and Emerging Technologies – Part A</li> <li>▪ IT Infrastructure and Emerging Technologies – Part B</li> </ul>				

	<ul style="list-style-type: none"> <li>▪ Foundations of Business Intelligence: Databases and Information Management</li> <li>▪ Telecommunications, the Internet, and Wireless Technology</li> <li>▪ Achieving Operational Excellence and Customer Intimacy: Enterprise Applications</li> <li>▪ Managing Knowledge and Artificial Intelligence</li> <li>▪ E-commerce: Digital Markets, Digital Goods</li> </ul>
<b>Teaching methodology</b>	Face to Face
<b>Bibliography</b>	<ul style="list-style-type: none"> <li>▪ Laudon, K. C., &amp; Laudon, J. P. (2019) Management Information Systems (ed. 16): Pearson Education.</li> <li>▪ Valacich, J. &amp; Schneider, C. (2022) Information Systems Today: Managing in the Digital World (ed. 9): Pearson Education.</li> <li>▪ Collins, C., Dennehy, D., Conboy, K., &amp; Mikalef, P. (2021). Artificial intelligence in information systems research: A systematic literature review and research agenda. International Journal of Information Management, 60, 102383.</li> </ul>
<b>Assessment</b>	<p>Final Exam: 60%</p> <p>Assignments: 30%</p> <p>Attendance and Participation: 10%</p>
<b>Language</b>	English