

Course unit title:	Strategic Information Systems
Course unit code:	INS 602
Type of course unit: (Compulsory/optional)	Compulsory
Level of Course Unit: (First, second or third cycle)	Master (2 nd Cycle)
Year of study:	1
Semester when the unit is delivered:	1
Number of ECTS credits allocated:	8
Name of lecturer(s):	TBA
Learning outcomes of the course unit:	
<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Apply information management analytical frameworks and methodologies. • Determine where IS can be deployed to gain strategic and tactical advantage. • Evaluate the impact of e-Business/IT applications on organizational performance. • Identify and evaluate the interplay between the key organizational dimensions for managing IT in socio-technical environments. • Distinguish key IT developments and specify such technology to develop information architectures that support organizational goals. • Illustrate the importance of innovation for sustainable competitive advantage through IT. 	
Mode of delivery:	Face- to- face
Prerequisites and co-requisites:	None
Recommended optional program components:	None
<p>Course Contents: Objective: This course aims to provide students with a management perspective of IS. The course takes an organizational as opposed to a technological approach, focusing upon the interdependence between the demands of the enterprise and IT, and how they can together deliver value.</p> <p>This is related to specific objectives 1, 4 and 10.</p>	

Description:

Information management:

Demonstrate the impact of digitization on organizational structures and processes.

Strategy frameworks:

Illustrate how IS can assist organizations gain strategic advantage; introduction to e-business and e-commerce theory and applications.

Socio-technical approach to organizational strategy:

Explain the implications of the social and the technological aspects of organizations.

Soft systems methodology:

Introduction to an organizational approach to systems analysis and specification.

Business transformation:

Introduction to business change management through IT-enabled business process and network redesign.

Business intelligence:

Understand how knowledge management systems can assist organizational strategy; introduction to customer relationship management (CRM) and supply chain management systems (SCM).

Information-enabled Innovation:

Explain the importance of innovation and how it can be supported through utilization of data and information for strategic experimentation; explain how social computing should be managed.

**Recommended
or
required reading:**

McKeen, J., & Smith, H. (2012). IT Strategy, 2nd Edition. Pearson

Laudon, K., & Laudon, J. (2009). Management Information Systems, 11th Edition. New Jersey: Prentice-Hall.

Ward, J., & Peppard, J. (2003). Strategic Planning for Information Systems, 3rd Edition. Chichester: Wiley

Turban, E., King, D., Lee, J., & Viehland, D. (2004). Electronic Commerce: A Managerial Perspective. New Jersey: Prentice Hall.

Earl, M. J. (1996). Information Management. Oxford: Oxford University Press

Kalakota, R., & Robinson, M. (2000). E-Business 2.0: Roadmap for Success. Boston, MA: Addison Wesley.

	Galliers, R.D., Leidner, D.E., & Baker, B.S.H., (2001). Strategic Information Management, 2nd Edition. Oxford: Butterworth-Heinemann.						
Planned learning activities and teaching methods:	<table border="1"> <tr> <td>Class Instruction</td> <td>42 Hours</td> </tr> <tr> <td>Consultation</td> <td>30 Hours</td> </tr> </table>	Class Instruction	42 Hours	Consultation	30 Hours		
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Assessment methods and criteria:	<table border="1"> <tr> <td>Examinations</td> <td>50%</td> </tr> <tr> <td>Group Project/ Class Participation</td> <td>50%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	50%	Group Project/ Class Participation	50%		100%
Examinations	50%						
Group Project/ Class Participation	50%						
	100%						
Language of instruction:	English						
Work placement(s):	No						
Place of Teaching:	<p>Regular Classroom European University Cyprus, Nicosia</p> <p>Computer Laboratory European University Cyprus, Nicosia</p>						