

5.00 credits	30.0 h + 15.0 h	Q2
--------------	-----------------	----

Teacher(s)	Kolp Manuel ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	None
Main themes	<ul style="list-style-type: none"> <li>• Key topics related to IS management: change management, project management, audit of information systems, synthesis of tools and available technologies</li> <li>• Place of information systems in the management of organizations</li> <li>• Non-technical major issues: legal and tax issues, internal control, security, ethics and the social impact of information systems</li> <li>• General principles of project management: tasks and work plan, milestones, control points, etc.</li> <li>• General planning techniques, life cycles and project methodology</li> <li>• Methods for estimating the costs and delays of developing a computer system and derivatives.</li> <li>• Allocation of resources under development</li> <li>• Quality Management: Risk Management</li> <li>• Change management</li> </ul>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p><b>Students who have successfully completed this course will be able to:</b></p> <ul style="list-style-type: none"> <li>• List the main components of an information system (eg ERP and its tools), describe how they work and the interactions between them</li> <li>• Analyze the functioning of an information system, argue about its strengths and weaknesses and make suggestions for improvement</li> <li>• Explain the life cycle of an IT project and identify the actions to be taken as a project manager during the different phases of the project</li> <li>1 • Explain the managerial, human and economic issues related to a project manager</li> </ul> <p><b>Students will have developed methodological and operational skills. In particular, they will have developed their capacity to</b></p> <ul style="list-style-type: none"> <li>• Explain the role of information systems in the field of information systems</li> <li>• Take into account non-technical dimensions (ethical, legal, tax, etc.) in projects setting up or adapting an information system</li> <li>• Master methods and tools that help a project manager to complete the project</li> </ul>
Evaluation methods	Class participation, MCQ examen with open questions, project report ans demo
Teaching methods	Lectures, Tutorials, Labs, Project report and presentation
Content	Key topics related to IS management: change management, project management, audit of information systems, synthesis of tools and available technologies; Place of information systems in the management of organizations; Non-technical major issues: legal and tax issues, internal control, security, ethics and the social impact of information systems; General principles of project management: tasks and work plan, milestones, control points, etc.; General planning techniques, life cycles and project methodology; Methods for estimating the costs and delays of developing a computer system and derivatives; Allocation of resources under development; Quality Management: Risk Management; Change management
Inline resources	See Moodle UCLouvain, code LINFO1210
Bibliography	Sur le site Moodle du cours moodle UCLouvain, code LINFO1210
Faculty or entity in charge	INFO

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Additional module in computer science	APPSINF	5		