

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 and 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

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