linfo1210

2020

UCLouvain

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 15.0 h	Q2

Teacher(s)	Kolp Manuel ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	• 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
Aims	**Students who have successfully completed this course will be able to:** • List the main components of an information system (eg ERP and its tools), describe how they work and the interactions between them • Analyze the functioning of an information system, argue about its strengths and weaknesses and make suggestions for improvement • 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 1 • Explain the managerial, human and economic issues related to a project manager **Students will have developed methodological and operational skills. In particular, they will have developed their capacity to** • Explain the role of information systems in the field of information systems • Take into account non-technical dimensions (ethical, legal, tax, etc.) in projects setting up or adapting an information system • Master methods and tools that help a project manager to complete the project - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Class participation, MCQ examen with open questions, project report ans demo
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** 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

Force majeure

Teaching methods	Depending on the covid 19 situation, the course, assignments and exam could be delivered on-site, on-line or via a mix of both means (comodal).
Evaluation methods	Depending on the covid 19 situation, the course, assignments and exam could be delivered on-site, on-line or via a mix of both means (comodal).

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