LSINF2282

2012-2013

Project management in computer science

5.0 credits	30.0 h + 15.0 h	2q

Teacher(s) :	Kolp Manuel ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	-- Overview of the project management techniques: tasks, project plan, milestones, control points, PERT diagrams, critical paths, etc; -- IT contracts; - Methods for cost estimation and software development scheduling (COCOMO model); -- Resource allocation during development stages; and - Quality management and procedures: CMM and ISO models.
Aims :	To understand concepts, methodological frameworks, working practices and the tools necessary for a Project Manager to perform efficiently the activities throughout the whole life cycle of a project. Specifically to focus on the managerial, human and economic aspects involved in Information Technology (IT) projects. *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".*
Bibliography :	-- B. Boehm, Software Engineering Economics, Prentice Hall, 1981; -- F. Brooks, The Mythical Man-Month, Addison-Wesley, 1995; -- CMM literature
Cycle and year of study :	> Master [120] in Computer Science and Engineering > Bachelor in Computer Science > Master [120] in Computer Science > Master 120 of arts in Business engineering > Master [120] in Business Engineering > Master [120] in Linguistics
Faculty or entity in charge:	INFO