

## **LSINF1102**

2013-2014

## Problem solving using computers

7.0 credits	0 h + 60.0 h	1q
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Teacher(s):	Avoine Gildas ; Schaus Pierre (compensates Avoine Gildas) ;	
Language :	Français	
Place of the course	Louvain-la-Neuve	
Inline resources:	> http://icampus.uclouvain.be/claroline/course/index.php?cid=lsinf1102	
Prerequisites :	To take in parallel the course on "Programming introduction (LSINF1101)	
Main themes :	Problem-analysis, programming, organisation and communication methods. Java programming	
Aims:	Students completing successfully this course will be able to: 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 :	January session Project 1 - 2 points Project 2 - 6 points Project 3 - 9 points MCQ - 3 points September session Project 1 account if and only if it increases the note. P1 can not be redone Project 2 and 3 counting necessarily. P2 and 3 can be represented (extension required) MCQ necessarily account and must be represented.	
Teaching methods :	Magistral courses: introduction, LaTeX, visa for BAC, presentation by an industrialist. Classroom sessions provided by the assistants. Sessions individual meetings. Free sessions to work on projects. Oral presentation in front of the public audience (best 3 projects).	
Content :	The course content consists of problem-solving through computer science technologies. Each problem-solving phase will last 2 to 3 weeks.	
Cycle and year of study :	> Bachelor in Computer Science	
Faculty or entity in charge:	INFO	