LINGI2359

2016-2017

Software engineering and programming systems seminar

3.0 credits	30.0 h + 0.0 h	1q

Teacher(s) :	Mens Kim ;
Language :	Anglais
Place of the course	Louvain-la-Neuve
Inline resources:	> http://www.uclouvain.be/en-cours-2014-lingi2359 et/ou > http://moodleucl.uclouvain.be/course/view.php?id=4633
Main themes :	The topics covered in the seminar will address Software engineering and programming systems. In particular, scientific articles are selected in these fields. On the one hand, students are confronted with problem of the quality of a scientific bibliography. Moreover, students read scientific literature (eg articles from international journals).
Aims :	Given the learning outcomes of the "Master in Computer Science and Engineering" program, this course contributes to the development, acquisition and evaluation of the following learning outcomes: -- INFO1.1-3 -- INFO3.1, INFO3.2 -- INFO5.3-4, INFO5.6 -- INFO6.1, 6.4 Given the learning outcomes of the "Master [120] in Computer Science" program, this course contributes to the development, acquisition and evaluation of the following learning outcomes: -- SINF1.M2-3 -- SINF3.1, SINF3.2 -- SINF5.3-4, SINF5.6 -- SINF6.1, SINF6.3, SINF6.4 Student completing successfully this course will be able to -- establish the state of the art based on the scientific literature, when confronted with a research problem beyond his current knowledge, -- prepare a comprehensive report including a scientific bibliography and explaining its relevance to a theme, -- synthesize a scientific article by explaining the context, challenges, innovative results, potential applications as well as tracks for further work in the field, -- communicate orally the results of a research to a public of computer scientists not experts in the field, -- interact with a person who presents research results showing a critical and constructive look over the work presented. *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".*
Other infos :	The research seminar should be followed the same year as the 'end of study work' because it is a methodological support to its realization. It is not necessary to select the option corresponding to the seminar in order to participate.
Faculty or entity in charge:	INFO

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Computer Science and Engineering	INFO2M	3	-	🔍
Master [120] in Computer Science	SINF2M	3	-	🔍