

6.0 credits	30.0 h + 30.0 h	2q
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Teacher(s) :	Sadre Ramin ;
Language :	Anglais
Place of the course	Louvain-la-Neuve
Main themes :	-- Cellular networks -- Internet of things and sensor networks -- Mobile and embedded applications
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 -- INFO2.4-5 -- INFO5.2-5 -- INFO6.1, INFO6.3 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.M1 -- SINF2.4-5 -- SINF5.2-5 -- SINF6.1, SINF6.3 Students completing this course successfully will be able to -- Explain how in mobile cellular and sensor networks operate -- Describe the key problems that affect these environments and identify their impact on the mobile and embedded systems -- Integrate and combine the above concepts in order to solve complex mobile computing problems. <i>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".</i>
Evaluation methods :	- a final exam for 50 % of the final mark - a short report written based one practical group work done in parallel with the lectures 50 % of the final mark The report will be evaluated only once and cannot be repeated in the second session.
Other infos :	Background: -- LSINF1252 -- LINGI1341
Cycle and year of study :	> Master [120] in Computer Science > Master [120] in Computer Science and Engineering
Faculty or entity in charge:	INFO