

4.0 credits	15.0 h + 30.0 h	1q
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Teacher(s) :	Bruno Giacomo ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Computer Science history Computer architecture Operating systems Network, applications and security Programming languages (for instance C++) Solution of numerical exercises with the aid of programs written in an object oriented language
Aims :	Students should get familiar with the basics of Computer Science. They should learn how to program in a modern language like C++. <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>
Other infos :	Pre-requisites: none. Evaluation is based on the outcome of a final written exam consisting of two parts. The first part is a number of open questions. The second part is practical and requires the development of c++ programs to solve one or more proposed problems. The slides shown during the course, a syllabus on c++ as well as additional documentation are made available to the students.
Cycle and year of study :	> Bachelor in Physics
Faculty or entity in charge:	PHYS