UCLouvain

linfo1122

2020

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 30.0 h	Q1

Teacher(s)	Pecheur Charles ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	• Specification of simple programs, with procedures and with data structures • Logic and recurrence • Proof of simple programs, with procedures and with data structures • Algorithm design techniques • Programming schemes
Aims	Given the learning outcomes of the "Bachelor in Computer science" program, this course contributes to the development, acquisition and evaluation of the following learning outcomes: • S1.I5 • S2.2-3 1 Students completing successfully this course will be able to • imagine a correct and efficient algorithm to solve a given problem • create and specify the design of a software product using an appropriate program design and notation methodology • demonstrate the exactness of simple algorithms • use a rigorous approach to ensure the exactness of the result, using mathematical tools - - - - *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".*
Faculty or entity in charge	INFO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Chemistry and Bioindustries	BIRC2M	5		🔍
Additional module in computer science	APPSINF	5		🔍