

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	Q2
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Teacher(s)	Detry Renaud ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	<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	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <ul style="list-style-type: none"> • Evaluation of the group work of the first project on the basis of the rendered project, its documentation (40%) • Continuous evaluation of the student's individual work and contributions to the peer review of the first project (10%) • Evaluation of the group work of the second project on the basis of the rendered project, its documentation (40%) • Continuous evaluation of the student's individual work and contributions to the peer review of the second project (10%) <p>The weighting may be modified in the event of the student's actual non-participation in the group's work as well as in the event of insufficient or very insufficient individual marks. Students who fail in June will be able to do an individual project again during the summer. This project will account for 66% of the points, the remaining 34% will be obtained in June.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>Project learning in groups of x</p>
Content	<p>The course assumes a basic knowledge of the programming language python as seen in LINFO1101. Students work in groups to solve more complex problems than those covered in the programming course. The emphasis is on written communication. Two different projects are organized during the semester.</p> <p>During the first project, students should be able to :</p> <ul style="list-style-type: none"> • work effectively in groups • write correct programs • write tests that validate the proper functioning of their programs • document their programs and associated tests • provide a critical look at the work of other student groups to help them improve (constructive peer review) • evaluate the performance of their programs <p>During the second project, students must be able to :</p> <ul style="list-style-type: none"> • work effectively in groups • find libraries and python modules that solve similar problems • compare the features and performance of different solutions to the same problem • document and analyze these differences in functionality and performance
Faculty or entity in charge	INFO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Computer Science	SINF1BA	5		