



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	15.0 h	Q1
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Teacher(s)	Caprace Pierre-Emmanuel ;Van Schaftingen Jean ;
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> <p>The assessment is based on:</p> <ul style="list-style-type: none"> • the active participation to the course sessions; • the quality of the content of the final output, on the basis of the pre-defined objectives and of the intermediate evaluations performed during the elaboration phase. <p>Attending the course sessions is mandatory.</p> <p>The grade obtained during the semester is final, and fixed for all subsequent exam sessions of the academic year.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>The students determine the mathematical problems, perform documental research and develop strategies to solve them. Their work is presented in written, oral and/or audio-visual form, under the guidance of the professors and the feedback from their peers.</p>
Content	Depending on the mutual interests of the professors and the students, determination and resolution of mathematical problems arising in various contexts, typically from non-mathematical origin (e.g. games, science and technology, economics, society, medias, arts).
Inline resources	Detailed instructions are posted on Moodle (https://moodleucl.uclouvain.be/course/view.php?id=8313)..
Faculty or entity in charge	MATH

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Mathematics	MATH2M	5		
Master [60] in Physics	PHYS2M1	5		
Master [120] in Physics	PHYS2M	5		