

2.0 credits	15.0 h	1+2q
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Teacher(s) :	Piraux Bernard ; Lambrechts Pascal ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Ten independent non technical talks, accessible to every first year student in mathematics or physics, on various topics in these areas on which research is presently developed.
Aims :	<p>This series of lectures intends to motivate the student by giving him/her an open and attractive view of today's mathematics and physics. It should also help to finalize the choice of studies at the end of the first year.</p> <p><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></p>
Content :	<p>Each student will attend all the talks and write a ten pages report, containing two distinct parts.</p> <p>* a first part (two or three pages) explaining the vision of mathematics and physics that he/she got from these lectures, in comparison with his/her corresponding vision at the end of highschool;</p> <p>* a second part devoted to investigate more deeply the topic of one of the lectures; to achieve this, the student is invited to develop some personal work on the basis of the references given by the lecturer.</p>
Cycle and year of study :	<p> > Bachelor in Mathematics > Bachelor in Physics > Master [120] in Chemistry > Bachelor in Psychology and Education: General > Bachelor in Information and Communication > Bachelor in Philosophy > Bachelor in Economics and Management > Bachelor in Motor skills : General > Bachelor in Human and Social Sciences > Bachelor in Sociology and Anthropology > Bachelor in Political Sciences: General > Bachelor in History of Art and Archaeology : General > Bachelor in History > Bachelor in Biomedicine > Bachelor in Pharmacy > Bachelor in Religious Studies </p>
Faculty or entity in charge:	SC