

7.0 credits	45.0 h + 45.0 h	1q
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Teacher(s) :	Willem Michel ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Banach spaces, Hilbert spaces, Lebesgue spaces, Sobolev spaces, dual spaces, elliptic problems.
Aims :	The course of functional analysis covers fundamental properties of functional spaces and the use of these spaces to solve elliptic problems. The student will have to master the general tools of functional analysis and their concrete applications. <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 :	Prerequisite : MAT 1221: Mathematical analysis 3
Cycle and year of study :	<a href="#">&gt; Bachelor in Mathematics</a> <a href="#">&gt; Bachelor in Economics and Management</a> <a href="#">&gt; Bachelor in Engineering</a> <a href="#">&gt; Bachelor in Physics</a>
Faculty or entity in charge:	MATH