

5.0 credits

30.0 h + 15.0 h

Teacher(s) :	Bieliavsky Pierre ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	Precursory courses : a first course in differential geometry
Main themes :	In this course, we will study differential manifolds from a topological perspective. The main tool will be the definition of de Rham theory and other related notions.
Aims :	<p>The aim of the course is to present in details some important tools in differential topology. These tools should be useful to prepare the student to do research in topology, geometry, or mathematical physic.</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>
Evaluation methods :	Evaluation Homework(s) plus an oral examination.
Bibliography :	Support A book related to the theme of the year.
Other infos :	
Cycle and year of study :	> Master [60] in Mathematics > Master [120] in Mathematics
Faculty or entity in charge:	MATH