LMAT2240

2013-2014

Algebraic topology II

6.0 credits	45.0 h	1q

Teacher(s) :	Dos Santos Santana Forte Vaz Pedro ; Lambrechts Pascal ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	Precursory courses: A course in algebraic topology.
Main themes :	The subjects can vary every year, so that master/graduate students can learn various subjects during their studies. For instance :- knot theory ;- quantum invariants of knots and 3-manifolds ;- 3- and 4-manifolds ;- link homology and categorification
Aims :	The aim of the course is to develop some advanced themes in low-dimensional topology. At the end of the course the student should be proposed to start research in this area. *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".*
Evaluation methods :	Evaluation: Written test and oral examination.
Bibliography :	A book related the theme of the year.
Cycle and year of study :	> Master [120] in Mathematics
Faculty or entity in charge:	MATH