LMAT1341

2012-2013

Courbes elliptiques

3.0 credits	30.0 h	1q

Teacher(s) :	Haine Luc ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Affine and projective algebraic curves. Intersection fo two curves, smooth and singular points, intersection multiplicity. Elliptic curves, Riemann surface of an algebraic curve.
Aims :	The zero set of a polynomial in two variables can be seen as a geometric object, called a plane algebraic curve. Algebraic curves furnish a beautiful playground to initiate oneself to some of the basic ideas of modern algebraic geometry. The course aims at showing how the subject combines in a very attractive ways several important themes of mathematics. *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".*
Other infos :	Precursorycourses MAT 1222 Analyse complexe Supplemental courses Complex geometry (M2) Evaluation Written examination
Cycle and year of study :	> Bachelor in Mathematics
Faculty or entity in charge:	MATH