# LMAT2110

*2013-2014*

# Eléments de géométrie différentielle

| 5.0 credits | 30.0 h + 30.0 h | 1q |
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| Teacher(s) : | Haine Luc ; |
| Language : | Français |
| Place of the course | Louvain-la-Neuve |
| Main themes : | The basic concepts of differential geometry will be presented and illustrated by examples and applications. |
| Aims : | The course is an introduction to the basic concepts of differential geometry : manifolds, tangent spaces, vector fields, differentiable maps. The ability of the student to use the concepts and to visualize geometrically the situations will be important. *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 : | Supplemental courses Géométrie et topologie différentielles II Evaluation Written exam : Exercises and problems |
| Cycle and year of study : | > Bachelor in Mathematics > Master [120] in Mathematical Engineering > Bachelor in Economics and Management > Bachelor in Engineering > Bachelor in Physics |
| Faculty or entity in charge: | MATH |