MQAHD1325
2013-2014

Mathématiques de gestion

7.0 credits	45.0 h

Teacher(s) :	Tossut Rosane ;
Language :	Français
Place of the course	Mons
Prerequisites :	/
Main themes :	' Basic mathematical models in management (power model, exponential model, definition and use of logarithms); ' Differential and integral calculus with one variable (applications in economics and management); ' Differential calculus with multiple variables: free optimisation of functions with several variables, constraint optimisation (applications in economics and management); ' Introduction to matrix calculus.
Aims :	On completion of this course, students will be able to understand the mathematical problems encountered in economics and in management and to solve these problems *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".*
Teaching methods :	Lectures Exercises.
Bibliography :	' SIMON C., BLUME L. (1998), Mathématiques pour économistes, De Boeck, Brussels. ' SYDSAETER K., HAMMOND P. (2005), Essential Mathematics for Economic Analysis, 2nd ed., Prentice Hall.
Cycle and year of study :	> Preparatory year for Master in Management (shift schedule)
Faculty or entity in charge:	BLSM