



SC

MATH2200 Analyse infinitésimale (compléments)

[45h] 5 credits

This course is taught in the 2nd semester

Teacher(s): Thierry De Pauw
Language: french
Level: 2nd cycle course

Aims

To give a more advanced formation in the field of mathematical analysis.

Main themes

The course starts with an introduction to geometric measure theory. Its content will vary from year to year. For example, it can be based on some of the following subjects:

Differentiation of measures
Approximation of functions by regular functions
Area and coarea
Rectifiability
Introduction to Plateau problems
Regularity of Lipschitzian solutions of the minimal surface equation.

Other credits in programs

MATH22/E	Deuxième licence en sciences mathématiques (Economie mathématique)	(5 credits)
MATH22/G	Deuxième licence en sciences mathématiques	(5 credits)
MATH22/S	Deuxième licence en sciences mathématiques (Statistique)	(5 credits)