UCLouvain

mqahc1328

2023

Méthodes quantitatives de gestion

5.00 credits	45.0 h + 10.0 h	Q1

Teacher(s)	Strack Géraldine ;
Language :	French
Place of the course	Charleroi
Main themes	Mathematical models for management, derivatives and integrals, optimization with one and two variables, matrix calculus, probability distributions, point estimates and confidence intervals, hypothesis testing
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 Explain and exploit the probability model of a population Use adequately notions of mathematics to modelize and solve problems Formalize problems and develop their resolution Solve optimization problems Describe economic functions and represent them in a graphical way Describe statistical distributions using appropriate parameters Construct confidence intervals for statistical parameters Formulate and test statistical hypotheses Interpret mathematical and statistical parameters and results
Faculty or entity in charge	CLSM