mqahd2130
2019

UCLouvain

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

6 credits	30.0 h	Q1

Teacher(s)	De Winne Rudy ;
Language :	French
Place of the course	Mons
Main themes	Linear regression • Revision of the method of least squares applied to the estimate of the regression line; • Generalisation of the regression analysis in the multivariate case; • Properties of parameter estimators; • Formulation and logical test of hypothesis relating to parameters; Linearisable multivariate models.
Aims	On completion of this course, students will be able: in terms of knowledge: • to apply the principles and method of the multiple regression estimation models, both linear or linearised, to one or more explanatory variables. 1 in terms of skills: • to ask pertinent questions, from a managerial perspective, regarding a proposed case and the characteristics of available data; • to select the appropriate statistical approach and apply it; to provide methodologically correct answers to the problem posed after disciplined interpretation of results both statistically and at a managerial level. - - - - *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	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** • Lectures • Exercises in the computer room (use of analysis tools in Excel). • Case analysis
Bibliography	• GIARD V. (2003), Statistique appliquée à la Gestion, 8e éd., Economica. • JOHNSTON J., DINARDO J. (1999), Méthodes Econométriques, Economica, traduction de JOHNSTON J., DINARDO J. (1997), Econometric Methods, 2th ed. Mc Graw'Hill.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Management (shift schedule)	GEHM2M	6		🔍