UCL Université catholique de Louvain

MQAHD2131

2012-2013

Recherche opérationnelle

5.0 credits	30.0 h

Teacher(s) :	Meskens Nadine ;
Language :	Français
Place of the course	Mons
Prerequisites :	/
Main themes :	Continuous linear programming: -- Graphic resolution; -- Simplex method; -- Diverse management applications. Mixed integer linear programming: -- Linear programming with binary variables; -- Mixed linear programming.
Aims :	On completion of this course, students will be able: -- to model a decision-making problem using the appropriate technique; -- to interpret the results generated by optimisation software. *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".*
Evaluation methods :	Written examination
Teaching methods :	-- Lectures -- Case studies
Bibliography :	-- NOBERT Y., OUELLET R., PARENT R. (2001), La recherche opérationnelle, Gaëtan Morin. -- WINSTON W. (2004), Operations Research:Applications and Algorithms, 4th ed., Duxbury.
Cycle and year of study :	> Master [120] in Management (shift schedule) > Master [60] in Management (shift schedule)
Faculty or entity in charge:	BLSM