

5.0 credits

30.0 h

Teacher(s) :	Keymolen Guy ; Agrell Per Joakim ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	The course gives an introduction the control and coordination problems involved in supply chain management and international logistics operations. Based on quantitative methods from operations research and industrial organization, the course treats the channel coordination problem from multiple angles: level of decision making, organizational focus and information access. The topics are illustrated with cases and computational examples.
Aims :	At the end of the class, students should be able to - Distinguish strategic, tactic and operational problems in SCM. - Apply modelling tools for supply network design, flow analysis and distribution analysis. - Identify some key coordination and control problems in the supply chain. <i>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".</i>
Content :	Content Specific issues that will be discussed include: facility location, logistic network planning and design, routing, inventory management, supplier contracting, sourcing strategies, quality assurance, information technology, flexibility, globalization, and performance measurement. Methods The course format is interactive, theoretical sessions, readings and demonstrations intertwined with cases, and computer simulations.
Other infos :	Evaluation : Class participation and oral examination, in French or English Support : Slides provided through icampus References : Provided during the class
Cycle and year of study :	> Master [60] in Management
Faculty or entity in charge:	CLSM