

TRANSPORTATION AND SUPPLY CHAIN MANAGEMENT

LANGUAGE:

English & French

PREREQUISITES:

Bachelor in Business Engineering

TEACHING METHODS:

Lectures, case studies, individual and group projects, student presentations, class discussions, serious game and company visits

EVALUATION METHODS:

Written exam (mostly open book), oral exams, case presentations, case reports, project presentation, individual and group assignments.



CONTENT

A supply chain is the alignment of stages that bring products to markets. Managing it efficiently and dynamically is thus key to please a company's customers.

Supply chain management is rightfully seen as a competitive imperative for companies to manage their far-reaching and increasingly more complex supply networks. Supply chain management excellence requires understanding how to align the supply chain strategy to satisfy customers, how to manage inventory and information, as well as how to preserve superior supplier relationships. In this major, 5 courses (2 in Mons, 3 in Louvain-la-Neuve) introduce the students to various dimensions of the supply chain management.

AIMS:

At the end of the 2 Mons courses, the student should become familiar with the main concepts in logistics, and have a more in-depth knowledge of the main theories and models in transportation. When followed with the 3 courses in SCM II (LLN), the student gets a broader expertise in supply chain management (operations, planning and international SCM).

The aim of the three LLN courses is to develop both methodological and practical knowledge in the area of supply chain management.



5 MANDATORY COURSES

- Supply Chain Management (Mons)
- Transport et mobilité (Mons)
- Advanced Operations Management : Models and Applications (LLN)
- Supply Chain Coordination and Sourcing (LLN)
- Supply Chain Planning (LLN)

Acquired Skills:

Supply chain management, transportation, operations management, inventory management, transportation networks modeling and analytical skills, presentation skills, mathematical skills.

Career Opportunities:

Supply chain management (as well as logistics and transportation) is a flourishing sector, generating many interesting jobs, particularly in our region of Europe. Jobs are to be found in distribution centers, transportation companies, factories, purchasing or planning departments, international export companies, etc. Various supply chain management functions (planning, customer support, operations management, transport, sourcing) for multinational companies, consultant, logistic companies, distribution companies. In general the supply chain management function involves a lot of coordination between different departments or companies. Your role will be that of facilitating exchanges of goods, information and payments.