

UE-ALT-06 – Management and supply chain

Master Degree : Mechanical Engineering and Materials sciences

Reference number : UE ALT06

Title of the subject : **Management and supply chain**

University component : **UFR SCIFA**

Coordinating lecturer : **S. Cotelle** : sylvie.cotelle@univ-lorraine.fr

Semester : **Autumn**

Total hours of classes : **42h** ECTS credits : **2**

Teaching language : French

Course proposed in English for exchange students : Yes, some parts

Course composition	Coef.	Number of hours		
		lectures	Tutorials	Practical works
Management and supply chain		22	20	

Objectives: Understand methods, tools and systems of information, conceive and optimize flows, measure performance of the supply chain

Prerequisites : none

Course syllabus

Introduction on the global supply chain: the fundamentals

Master physical flows and information flows of a company

Just IN TIME

Stocks and supplies

Information systems

Improve the performance of the global supply chain

Manage a Supply Chain project

Essential steps in a logistics project

Dashboards and indicators

Audit and diagnosis in logistics