

- Faculté des sciences économiques
- www.unine.ch/seco

International Operations and Logistics (5EN2019)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en développement international des affaires	Cours: 4 ph	écrit: 2 h	6
Master en sciences économiques, orientation politique économique	Cours: 4 ph	écrit: 2 h	6
Master en statistique	Cours: 4 ph	écrit: 2 h	6

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Automne

Equipe enseignante:

Dr. Yvan Nieto
yvan.nieto@unine.ch

Objectifs:

Operations and logistics are becoming increasingly international, making it at the same time more risky and complex in nature. In this course, we will study the key implications from that evolution and examine the most important concepts, practices, and tools for managing international operations and logistics. The fundamental objective being to equip students with a well-grounded, practical understanding on the opportunities and pitfalls associated with international operations and logistics.

Contenu:

The course focuses on the following topics:

- Operations and logistics strategy
- Implications of today global business environment
- Quality and international certifications
- Global sourcing and supplier management
- Transportation and warehousing
- Network design for international operations and logistics
- Information flow and technology
- Supply chain integration and collaboration
- Operational performance evaluation and improvement
- Risk management and excellence in international operations and logistics

Forme de l'évaluation:

Final grades for the course will be assessed as follows:

- Group work - case presentation 10% of grade
- Group work - project report 20% of grade
- Group work - project presentation 10% of grade
- Individual Work - Final Exam (the last course of the semester) 60% of grade

Retake exam : 2h during the session

Important:

Notes, texts, books and other documentation, as well as computers, connected phones and other connected electronic devices are not allowed in the examinations.

In case of violation of these rules, these items will be removed and the exam will be considered void.

Documentation:

Lectures will be based on the following optional textbooks:

- Operations strategy "principle and practices, J. A. Van Mieghem and Gad Allon, Dynamic Idea, 2nd edition, 2015
 - Global logistics and supply chain management, J. Mangan, C. Lalwani, T. Butcher and R. Javadpour, Wiley and Sons, 2nd edition, 2012
- Further, students missing the fundamentals of operations and logistics management can refer to any textbook on those topics such as, for instance:
- Logistics and Supply Chain Management, P. Jonsson, McGraw-Hill, 1st edition, 2008

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Pré-requis:

Prerequisite : none

Forme de l'enseignement:

Lectures, case studies, exercises, computer based learning, company visit, group project and presentation.