

- Faculté des sciences économiques
- [www.unine.ch/seco](http://www.unine.ch/seco)

## International Operations and Logistics (5EN2019)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en développement international des affaires</b>	<b>Cours: 4 ph</b>	<b>écrit: 2 h</b>	6
<b>Master en sciences économiques, orientation politique économique</b>	<b>Cours: 4 ph</b>	<b>écrit: 2 h</b>	6
<b>Master en statistique</b>	<b>Cours: 4 ph</b>	<b>écrit: 2 h</b>	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  
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### 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 60% of grade

### 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

### Pré-requis:

Prerequisite : none

### Forme de l'enseignement:

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

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