

- 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>cont. continu</b>	6
<b>Master en sciences économiques, orientation politique économique</b>	<b>Cours: 4 ph</b>	<b>cont. continu</b>	6
<b>Master en statistique (avant 2015)</b>	<b>Cours: 4 ph</b>	<b>cont. continu</b>	6

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

### Période d'enseignement:

- Semestre Printemps

### Equipe enseignante:

Teaching Team:  
Abdelkader Aoufi, PhD [abdelkader.aoufi@unine.ch](mailto:abdelkader.aoufi@unine.ch)

### Objectifs:

In this course we will view the operations management and international logistics from the point of view of a general manager. Our goal in this course is to understand how operations and logistical decisions impact the performance of the firm as well as the entire supply chain processes under consideration of international aspects. Furthermore, we will study how technological tools can be applied to support international operations and logistics.

### Contenu:

We will focus on the following issues,  
Logistics Role, customer service and Operations Management  
Global Supply Chain Management Strategy  
Supply Chain Performance Measurement  
Process Flow Measurement and Analysis  
Modes and intermodality in transport  
Inventory Management  
Responsive Supply Chains  
Risk Hedging Supply Chains  
ECR  
Advance Planning Systems  
Supply Chain Contracts

### Forme de l'évaluation:

Continuous evaluation based on participation, cases studies, presentations and final 2h written exam.  
Participation/Cases studies : 20%  
Presentation and written report(3 or 4 students/group) : 30%  
Final Exam : 50%

Retake exam session (September) : 2 hours written exam

### Documentation:

Anupindi, R., Chopra, S., Deshmukh, S. D., Van Mieghem, J. A., Zemel E.,: Managing Business Process Flows: Principles of Operations Management, Prentice-Hall Inc, 2005.  
Chopra, S., Meindl, P.: Supply Chain Management: Strategy, Planning and Operation (CM), Prentice Hall, 3rd edition, 2007  
Related research articles

### Pré-requis:

Prerequisite : --

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### **International Operations and Logistics (5EN2019)**

Teaching methods: Lectures, Case Studies, Exercises, Computer based learning, visiting lectures of company experts, company visit, accompanying project (seminar thesis and presentations)