

- Faculté des sciences économiques
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Purchasing and Logistics (5EN1030)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Bachelor en sciences économiques, orientation comptabilité/finance	Cours: 4 ph	écrit: 2 h	6
Bachelor en sciences économiques, orientation économie politique	Cours: 4 ph	écrit: 2 h	6
Bachelor en sciences économiques, orientation management	Cours: 4 ph	écrit: 2 h	6
Bachelor en sciences économiques, orientation ressources humaines	Cours: 4 ph	écrit: 2 h	6
Bachelor en sciences économiques, orientation systèmes d'information	Cours: 4 ph	écrit: 2 h	6
Pilier principal B A - management	Cours: 4 ph	écrit: 2 h	6
Pilier secondaire B A - management	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. Stefan Gold

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Objectifs:

The objective of this lecture is to introduce the corporate activities of purchasing and logistics and to show their contribution to overall corporate performance. Efficient and effective purchasing and logistics processes are a main prerequisite of international trade and economic developments. The two areas have been rapidly developing in the last decades, evolving from second-ranked support activities towards drivers of competitive advantage. Specifically, the students get to know central aspects of purchasing and logistics, together with its theoretic foundation as, for instance, in New Institutional Economics. Furthermore, they get familiar with decision-making and planning methods that serve managers as decision-support tools.

Contenu:

- Basics in optimization
- Logistics and supply chain operations
- Strategic purchasing
- Supplier relationships and collaboration
- Outsourcing, risk management, statistical process control (SPC), decision-making tools
- New Institutional Economics
- Supplier development and performance measurement in purchasing
- Purchasing, corporate social responsibility and ethics
- Supply chain network design
- Transport in supply chains, transport security, international supply chain security standards
- Logistics service providers
- Inventory management, warehousing and materials handling

Forme de l'évaluation:

E : Student presentations (20%) and written final exam during session of exams (80%).
Retake: written exam of 2h

Documentation:

- Lysons, K., & Farrington, B.: Purchasing and Supply Chain Management, Pearson, 2012
- van Weele, A. J.: Purchasing and Supply Chain Management, Cengage, 2010
- Ritzman, L. P., Krajewski, L. J., Malhotra, M. K., & Klassen, R. D.: Foundations of Operations Management, Prentice-Hall, 2008

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- Mangan, J., Lalwani, C., Butcher, T., & Javadpour, R.: Global Logistics & Supply Chain Management, John Wiley & Sons, 2nd edition, 2012
- Other articles on this subject

Forme de l'enseignement:

Lecture, case studies, student presentations, exercises.

- 6 ECTS credits
- Autumn semester / lecture of 4h
- Pre-condition: Gestion de la production (2+2h)Lecture, case studies, student presentations, exercises.