

International supply chain management (EM1F5ML2A1)

Program	PGE
Module / ECTS / Path / Specialisation	Module :Principles of International Management : 18 ECTS. <ul style="list-style-type: none">● PGE 3A - International and European Business (IEB)
Discipline	Supply Chain Management
Year	2019
Semester	A
Open for visitors	yes (3 ECTS)
Available places	45

Coordinator

YUAN YAO

Lecturers

Instructor	Population	Email
YUAN YAO	Population	yuan.yao@em-strasbourg.eu

Course format

Working language :	English
Volume of contact hours :	20 h
Workload to be expected by the student :	60 h

Course track

Track : Attendance

"Attendance" track :

Attendance at lecture / tutorial classes and intermediate / final exams is mandatory. As evaluation of in class work constitutes an essential element of grading, any absence will be penalized and is taken into account for grading purposes (see academic rules and regulations).

"Autonomous" track :

Attendance at intermediate / final exams is mandatory, but students are free to attend lecture / tutorial classes.

For all Master programs and all other programs realized in the form of dual internships (apprentissage), attendance at lecture / tutorial classes and intermediate / final exams is entirely mandatory. Therefore, only the "Attendance" track can be selected.

Contribution of the course to the educational objectives of the programme

How the course contributes to the programme :

Description

This course aims to help students mastering the principles and strategies in Supply Chain Management, especially in an international business context.

After learning this course, students are supposed to understand the importance of supply chain management to a company that holds international supply chains or facing an international market. Furthermore, students are supposed to be capable to analyze the challenges and difficulties related to supply chain issues and give proposition of solutions.

An overview of the terminology, fundamental concepts, and tools encountered in the field of international supply chain management will be covered, especially international logistics, global sourcing, and digital SCM.

The course uses the following organization: teacher's lectures, industrial expert's lecture, case-study analysis, in-class presentations; after-class academic papers lecture, and e-learning.

The evaluation methods will be the exam, personal participation in class and in teamwork.

Educational organisation

In class

Lectures

In groups

Case studies/texts

Oral presentations

Interaction

Games (educational, role play, simulation)

Learning outcomes

Upon completion of this course, students should be able to :

- **Identify** key problems in the supply chain management in a local and in an international environment
- **Explain** principle functions and tools in supply chain management
- **Discover** supply chain models regarding business objectives
- **Examine** the business context and challenges for SCM
- **Evaluate** the strategies in supply chain management
- **Discuss** Discuss the challenges and demand in the management of supply chain
- **Work** in team to analyse a complicated business situation
- **Question** the sustainable SCM strategies of company

Outline

Seminar Topic 1: International SC

- 1) challenges in SCM (complexity & processes)
- 2) International logistics
- 3) Risk & Quality
- 4) Case Study in class: Where are my cookies?

Seminar Topic 2: Global sourcing

- 1) purchasing
- 2) supplier management
- 3) sustainable and CSR
- 4) Case Study in class: FarmCo: Complexity of Evaluating Suppliers

Seminar topic 3: Digital SCM

- 1) smart / intelligent Supply Chain
- 2) E-commerce and SCM
- 3) SCM strategies in International Market
- 4) Case Study in class: International expansion in Russian Market

Off-class:

(1) Academic reading: "GREENING THE SUPPLY CHAIN" and "BUILDING SUPPLY CHAIN EXCELLENCE IN EMERGING ECONOMIES"

(2) Online course: SAP Leonardo - Enabling the Intelligent Enterprise

Unit 1: SAP Leonardo - Introduction

Unit 2: SAP Leonardo - The Internet of Things

Unit 3: SAP Leonardo - Analytics

Unit 4: SAP Leonardo - Blockchain

Unit 5: SAP Leonardo - Machine Learning

Unit 6: SAP Leonardo - Big Data

Unit 7: SAP Leonardo - Data Intelligence

Unit 8: SAP Leonardo - What's Next?

Prerequisites

Key concepts to understand :

Knowledge of :

reading, speaking and writing in English

Basic understanding of international business

read: Handbook of Logistics and Distribution Management: Understanding the Supply Chain / Alan Rushton, Phil Croucher, Peter Baker, London: Kogan Page, 2017

Teaching material

Documents in all formats

- Guide
- Case studies

Software

- Office Pack (Word, Excel, PowerPoint, Access)

Recommended reading

Major works :

(1) Greening the Supply Chain, Joseph Sarkis, Springler, 2006

(2) Building supply chain excellence in emerging economies, Hau Lee and Chung-Yee Lee, Springler, 2007

Further reading :

(3) "Global logistics: new directions in supply chain management", edited by Donald Waters and Stephen

Rinsler, Kogan Page, 2014

(4) Handbook of Logistics and Distribution Management : Understanding the Supply Chain / Alan Rushton, Phil Croucher, Peter Baker, London : Kogan Page, 2017

Research works by EM Strasbourg :

"Can you measure resilience if you are unable to define it? The analysis of Supply Network Resilience (SNRES)", Y Yao & N. Fabbe-Costes, Supply Chain Forum: An International Journal, Vol. 19(4), novembre 2018, 255-265

Assessment

Intermediate evaluation / continuous assessment 1 : session n° 1,2,3

oral (10 min) / in group / English / weighting : 30%

additional information : Case Study presentation

This evaluation serves to measure LO2.1, LO3.1, LO4.2

Intermediate evaluation / continuous assessment 2 : session n° 2,3

written (30 min) / individual / English / weighting : 30%

additional information : individual exercises and tests

This evaluation serves to measure LO1.1, LO1.2, LO1.3, LO2.2, LO2.3, LO4.2

Final assessment : exam week

written (90 min) / individual / English / weighting : 40%

This evaluation serves to measure LO1.1, LO1.2, LO1.3, LO2.2, LO3.1, LO4.2

Grounds for expulsion from classes

Such behaviors as...

arriving late, leaving early or unannounced leaving of the classroom during class time

disruptive eating or drinking in class

using smartphones and laptops for non class-related purposes

reading non class-related documents

chatting on non class-related issues

showing disrespect towards lecturers

... may lead to expulsion from classes.