

**Information** : Ce plan de cours est celui du cours [EM1F5ML2A1](#).

## International supply chain management (EM1F5ML2A2)

Program	PGE
Module / ECTS / Path / Specialisation	<b>Module :Principles of International Management : 18 ECTS.</b> <ul style="list-style-type: none"><li>● PGE 3A - International and European Business (IEB)</li></ul>
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

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**How the course contributes to the programme :**

### Description

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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

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In class

#### **Lectures**

In groups

#### **Case studies/texts**

#### **Oral presentations**

Interaction

#### **Games (educational, role play, simulation)**

### Learning outcomes

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**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

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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

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### 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

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### Documents in all formats

- Guide
- Case studies

### Software

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

## Recommended reading

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### 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

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**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

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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.