

Sustainable Purchasing

EM694M01

Program

PGE
PGE 2A - SUPPLY CHAIN MANAGEMENT

UE

Sustainable Purchasing

Semester

B

Discipline

International purchasing

Contact hours

27 H

Number of spots

45

ECTS

5

Open to visitors

Yes

Language



Coordinator

Philipp Christopher Sauer



List of lecturers

Lecturer(s)	Email	Contact hours - lecture
Philipp Christopher SAUER	philipp.sauer@em-strasbourg.eu	27 h

Pedagogical contribution of the course to the program

LEARNING GOAL 1 : Students will master state-of-the-art knowledge and tools in management fields in general, as well as in areas specific to the specialized field of management.

Students will understand state-of-the-art management concepts and tools and use them appropriately.

LEARNING GOAL 2 : Students will develop advanced-level managerial skills.

Students will work collaboratively in a team.

Students will communicate ideas effectively, both orally and in writing, in a business context.

LEARNING GOAL 3 : Students will demonstrate their understanding of practices reflecting ethical, diversity and sustainable development values in business organizations.

Students will identify and analyze issues relating to diversity, ethics and sustainable development in their business context.

Description

This course will introduce the students to the specific challenges of integrating sustainability into purchasing as well as the available tools and concepts to address these challenges. The students will engage with the multi-dimensional aims of sustainable purchasing, social as well as environmental challenges in purchasing, how strategic management theories help to guide sustainable purchasing practice as well as the main tools for sustainability management in purchasing. To enable an engaging learning path, the course combines theory-focused lectures with a group project covering the entire semester and linking to all lectures. As a result, the students will handle each topic first in theoretical terms based on theory-focused and generalized inputs as well as discussions by the professor before relating the topic to their own more specific and practice-oriented group projects. During the semester several small work packages, so-called "milestones", have to be prepared and submitted by the student groups and the group project will have to be presented in the final session.

Teaching methods

Face-to-face

- Lectures
- Tutorials

In group

- Exercises
- Oral presentations
- Projects

Interaction

- Discussions/debates
- Games (educational, role play, simulation)

Others

No items in this list have been checked.

Learning objectives

Cognitive domain

Upon completion of this course, students should be able to

- - (level 1) **define** the basics of sustainability, procurement and sustainable procurement
- - (level 2) **illustrate** the sustainability challenges that purchasing officers have to face
- - (level 3) **apply** key strategic management theories to understand their implications for sustainable purchasing tasks and tools
- - (level 3) **apply** key sustainable purchasing tools to a exemplary cases
- - (level 4) **analyze** the sustainability of competing suppliers against each other
- - (level 5) **justify** the choices taken in their group work cases of sustainable purchasing
- - (level 6) **develop** a sustainable purchasing scorecard for a limited case

Affective domain

Upon completion of this course, students should be able to

None affective domain have been associated with this course yet

Outline

0. Organization of the course and group work
1. Introduction to sustainability and purchasing
2. Identification of sustainability hotspots
3. Sustainable purchasing tools
4. Sustainable purchasing balanced scorecard
5. Final preparation of the group presentations

No prerequisite has been provided

Knowledge in / Key concepts to master

The basics of management and specifically purchasing and supply chain management (as covered in 1A PGE)

Teaching material

Mandatory tools for the course

- Computer

Documents in all formats

- Newspaper articles
- Case studies/texts
- Worksheets

Moodle platform

- Upload of class documents
- Interface to submit coursework

Software

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

Additional electronic platforms

No items in this list have been checked.

Recommended reading

Main reading material

- David B, G., Trautrim, A., & Wong, C. Y. (2013). Sustainable logistics and supply chain management. London: Kogan Page Limited.
 - Johnsen, T. E., Howard, M., & Miemczyk, J. (2018). Purchasing and supply chain management: A sustainability perspective. Routledge.
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Additional literature

Further reading will be indicated during the individual lectures.

EM Research: Be sure to mobilize at least one resource

Textbooks, case studies, translated material, etc. can be entered

No reading material has been provided.

Assessment

List of assessment methods

Intermediate assessment / continuous assessment Other (date, pop quiz, etc.) : Dates will be communicated in the course

Written / Group / English / Weight : 60 %

Details : During the semester, the student groups need to prepare three work sheets called "milestones" that need to be submitted to the teacher at defined dates. These milestones encompass brief characterizations of key facts relevant to the group work. The completeness and quality of the milestones will be evaluated against criteria communicated to the students and will together account for 60% of the total mark, with each milestone accounting for 20% of the total mark.

This evaluation is used to measure L01.1, L01.2, L01.3, L02.1, L02.3, L03.1

Final evaluation Last class

Oral (20 Min.) / Group / English / Weight : 40 %

Details : The students will have to present the outcome of their milestones in an oral presentation during the last session of the course and the presentation determines 40% of the mark and controls all learning objectives. The presentation needs to be given by all group members together and should last 15 minutes. More criteria for the evaluation of the quality of the presentation and its content will be given during the lectures. The presentation is followed by 5 minutes of questions and answers with the teacher. The contents of the presentation will be prepared throughout the entire semester in the three milestones in a group of students that is defined in/after the first session. All presentations need to be submitted the day before the first group presents.

This evaluation is used to measure L01.1, L01.2, L02.1, L02.2, L02.3, L03.1