

# Sustainable Supply Chain Management

**Module Number |**

**Degree | Master**

**Semester | Summer School**

**Course Type | Seminar**

**Participation Limit | none**

**Creditable for | 2 SWS**

**Contact Hours |**

**Number of Credits | 2.5 ECTS**

**Language | English**

**Chair | Chair of Strategic and Values Management at FAU Erlangen-Nuernberg**

**Lecturer | Prof. Dr. Matthias Fifka (FAU)**

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## Learning Outcomes

- Students get to know the increasing importance of sustainable supply chain management (SSCM).
- Students understand why sustainability in the supply chain is becoming more salient from a company perspective.
- Students learn about the crucial issues in SSCM and how to identify them.
- Students understand how companies are implementing environmental, social, and governance (ESG) criteria in their supply chain.
- Students learn how to develop a SSCM strategy for a company.
- Students learn what is needed to successfully implement a SSCM strategy.

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## Module Content

- Theoretical and conceptual foundations
  - Sustainability
  - SSCM
  - ESG-Criteria
- Drivers of SSCM
- Strategic SSCM: Developing a SSCM strategy for a company.
  - Internal and external analysis
  - Definition of goals
  - Stakeholder Management
  - Supply Chain Mapping
  - Supplier cooperation and governance
  - Measurement and reporting
- Operational SSCM: Implementing SSCM
  - Supplier Codes of Conduct
  - Monitoring
  - Buyer alliances

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## Teaching Methods

- Lecture
- Group work / Case study work
- Oral presentation

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## Grading

- 100% Exam

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## Assessment criteria in detail

- Students will answer questions in a 30-minute exam during the exam period of the Summer School

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## Average Workload

18 h = Time of attendance lecture

27 h = Preparation and postprocessing lecture

0 h = Time of attendance tutorial

0 h = Preparation and postprocessing tutorial

30 h = Exam preparation

75 h = Total workload

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## Previous Knowledge/Prerequisites

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- Basic business administration knowledge

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## Readings

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- An extensive slide set and cases will be provided by the lecturer.
- Canzaniello, A., Hartmann, E. and Fifka, M.S. (2017), "Intra-industry strategic alliances for managing sustainability-related supplier risks: Motivation and outcome", *International Journal of Physical Distribution & Logistics Management*, Vol. 47 No. 5, pp. 387-409.
- Syed Abdul Rehman Khan, S. A. et al. (2020). "A state-of-the-art review and meta-analysis on sustainable supply chain management: Future research directions", *Journal of Cleaner Production*, Vol. 278, <https://doi.org/10.1016/j.jclepro.2020.123357>
- Seuring, S. and Müller, M. (2008). "From a literature review to a conceptual framework for sustainable supply chain management", *Journal of Cleaner Production*, Vol. 16, Issue 15, October 2008, pp.1699-1710