

## Supply Chain Management

<b>Course title</b> <i>Titel</i>	Supply Chain Management
<b>Course status</b> <i>Fachstatus</i>	Compulsory subject specialization "International Management"
<b>Frequency / Duration</b> <i>Häufigkeit / Dauer</i>	Winter term, Semester #1
<b>Target Group</b> <i>Zielgruppe</i>	Semester #5, course of studies Business administration, specialization International Management
<b>Course description</b> <i>Kurzbeschreibung</i>	The course imparts knowledge in the fields of logistics management and controlling as well as logistics organization with a focus on networks / supply chain management
<b>Prerequisites (recomm.)</b> <i>Vorkenntnisse (empf.)</i>	The following teaching modules should be successfully completed: <ul style="list-style-type: none"> <li>• Cost accounting</li> <li>• Fundamentals of Controlling</li> <li>• Fundamentals of logistics</li> <li>•</li> </ul>
<b>Required materials</b> <i>Arbeitsmittel</i>	<p><b>Literature:</b></p> <p>Ballou, R.H.: Business Logistics Management. Upper Saddle River: Prentice-Hall 1999</p> <p>Christopher M.: Logistics and Supply Chain Management. Strategies for Reducing Cost and Improving Service. 2. Auflage. London 1998.</p> <p>"Coyle, J./ Bardi, E./ Langley, J. (2009) Supply Chain Management: A logistics perspective"</p> <p>Graves, S. C.; de Kok, A. G.: Handbooks in Operations Research and Management Science: Supply Chain Management: Design, Coordination and Operation. 2003,</p> <p>Ghiani, G., Laporte, G., Musmanno, R.: Introduction to Logistics Systems Planning and Control, John Wiley &amp; Sons, Ltd, 2004.</p> <p>Lambert, D.M.; Stock, J.R., Ellram, L.M.: Fundamentals of Logistics Management. New York et al: McGraw-Hill 1998</p> <p>Simchi-Levi, D., Kaminsky, P.; Simchi-Levi, E.: Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies. 3. Auflage. Boston 2008,</p> <p>Stadtler, H., Kilger, C.: Supply Chain Management and Advanced Planning: Concepts, Models, Software, and Case Studies. 5. Auflage. Berlin 2014</p>
<b>Course outcomes</b> <i>Lehrresultate</i>	<p>The course qualifies for</p> <ul style="list-style-type: none"> <li>• making strategic and operative logistics management decisions in a company</li> <li>• preparing or co-designing logistics cost accounting and logistics controlling in a company</li> <li>• contributing to company-wide and cross-company logistics organizational decisions</li> </ul>
<b>Course topics</b> <i>Inhaltsangaben</i>	<p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>• logistics management; Logistics as a success factor</li> </ul>

**Logistics planning and control**

- strategic logistics management;
- Operative logistics management;
- Logistics controlling;
- Logistics and model-based decision-making

**Logistics processes**

Structuring and optimization of logistics processes along the value chain.

- Logistics as an integral part of the service provision.

**Organisation of Logistics**

- organizational structure, process organization;
- Supply Chain Management as a specific network

Seminar lecture

**Course and examination Language**

*Lehr- und Prüfungssprache*

Englisch

**Special features**

*Besonderheiten*

None

**Related courses**

*Weiterführende Kurse*

None

**Applicability**

*Verwendbarkeit*

Only creditable in the study course Business Administration

**Course structure**

*Umfang / Credits*

2 – 0 - 2  
(SWS Lecture - SWS Laboratory / Exercise)

**Workload**

*Arbeitsaufwand*

30 – 0 – 30  
(SWS Lecture - SWS Laboratory / Exercise self-study)

**Assessment / Duration**

*Leistungsnachweis / Dauer*

written exam 60 minutes

**Lecturers**

*Lehrpersonen*

Köhler, Lehmann, Koch

**Coordinator**

*Verantwortlich*

Prof. Dr. rer. nat. André Köhler

**Last review**

*Letzte Überprüfung*

January 2018