

Department	I – Business and Social Sciences / <i>Wirtschafts- und Gesellschaftswissenschaften</i>
Degree level	Master's
Degree program	Business Administration and Engineering – Mechanical Engineering / <i>Wirtschaftsingenieurwesen/ Maschinenbau</i>
Type of instruction	Lecture and exercise
Credits	5
Availability	Every semester
Hours/week	4

Course number	M07
English title / German title	Supply Chain Management / <i>Supply Chain Management</i>
Credits	5 Cr
Instruction hours	4 h/w = 2 h/w of lecture + 2 h/w of exercise
Subject coverage	Subject-related in-depth study
Learning objectives / Competencies	<p>Students gain understanding for integrating supply chains. They know concepts and tools for modeling supply process chains. The students know the procedure and criteria for the structural design of supply chains as well as the methods and systems for strategic/tactical planning of supply chains and for inventory management and can apply them.</p> <p>They are capable of evaluating contractual design parameters from the perspective of supply chains and determine appropriate</p>
Requirements	Basic understanding of logistics. Level of English: Level B2 in line with the Common European Framework of Reference for Languages
Level of semester	2 nd semester in the degree program
Type of course	Lecture and exercise
Status*	Required course
Semester when offered	Every semester
Assessment of performance	<p>The modalities of performance assessment are provided in an understandable written manner within the course registration period.</p> <p>The following modalities apply if the instructor does not provide this information as expected:</p> <ul style="list-style-type: none"> - Lecture: Written examination - Exercise: Participation with/without success, where applicable also through project reports on a case study
Determination of the grade	Seminar: 100% Exercise: pass
Recognition of alternative courses*	Course with comparable contents
Contents	<ul style="list-style-type: none"> - Principles of a supply chain, aims of supply chain management - Reference model, e.g. SCOR - Methods and procedures for structuring and design of logistics - networks, in particular selection of location - Methods and procedures for determination and planning of supply and demand of a supply chain - Methods and procedures for planning and control of inventories in a supply chain - Parameter for contractual design possibilities between the partners of a supply chain
Literature	<ul style="list-style-type: none"> - Bowersox, Closes, Cooper: Supply Chain Logistics Management. McGraw-Hill - Chopra; S.; Meindl, P.: Supply Chain Management. Pearson - Thonemann, U.: Operations Management. Pearson <p>Further literature to be announced in class.</p>
Further information	This course is offered primarily in English, yet under special circumstances may optionally be offered in German.

* Only relevant for Beuth students enrolled in a degree program.