

Advanced Supply Chain Management						
Kennnummer	Workload	Credits/LP	Studiensemester	Häufigkeit des Angebots	Dauer	
	180 Std.	6	1	Nur Sommersemester	1 Semester	
1	Lehrveranstaltungen		Sprache	Kontaktzeit	Selbststudium	Geplante Gruppengröße
	a) Advanced Supply Chain Management		a) English	a) 45 Std.	a) 135 Std.	a) 15
2	<p>Lernergebnisse/Kompetenzen</p> <p>Nach erfolgreicher Teilnahme am Modul können die Studierenden ...</p> <p>Wissen (1) ... describe the concepts of logistics and supply chain management. ... describe the role of information and communication technology for modern supply chain organisations.</p> <p>Verständnis (2) ... understand process characteristics of logistics and SCM systems. ... classify the relevant types of international SCM-related aspects and drivers.</p> <p>Anwendung (3) ... model and document supply chain processes. ... select and apply appropriate operations research methods (e.g. lot sizing, inventory management, forecasting).</p> <p>Analyse (4) ... analyse selected supply chain problems, described in case studies (As-is).</p> <p>Synthese (5) ... determine relevant requirements for the design of To-be concepts for logistics and SCM systems.</p> <p>Evaluation / Bewertung (6) ... evaluate opportunities and threads of new SCM-concepts.</p>					
3	<p>Inhalte</p> <p>a) - Introduction to logistics and supply chain management - Examples from different industries, services and continents - Customer value and supply chain management - International issues in SCM - Processes, systems, models - Network configuration and networking - Operations and supply chain strategies - Sourcing, production and inventory management - Distribution and transportation processes - Supply chain analytics</p>					

4	<p>Lehrformen</p> <p>a) Seminar</p>
5	<p>Teilnahmevoraussetzungen</p> <ul style="list-style-type: none"> - Basic principles in business administration - Fundamentals in business information systems
6	<p>Prüfungsformen</p> <p>a) Prüfungsleistung 1K (50%) (Klausur) (6 LP insgesamt für alle Teilprüfungsleistung dieser Lehrveranstaltung)</p> <p>a) Prüfungsleistung 1sbA (50%) (Praktische Arbeit)</p>
7	<p>Verwendung des Moduls</p> <p>Business Consulting M.Sc. (BCM)</p>
8	<p>Modulbeauftragte/r und hauptamtlich Lehrende</p> <p>Prof. Dr. Guido Siestrup (Modulverantwortliche/r)</p>
9	<p>Literatur</p> <p>a) Ha, Albert Y.; Tang, Christopher S. (2017) Handbook of Information Exchange in Supply Chain Management. Springer.</p> <p>Ivanov, Dmitry; Tsipoulanidis, Alexander; Schönberger, Jörn (2019) Global Supply Chain and Operations Management: A Decision-oriented Introduction to the Creation of Value. Springer.</p> <p>Kurbel, Karl E. (2013) Enterprise Resource Planning and Supply Chain Management Functions, Business Processes and Software for Manufacturing Companies, Springer.</p> <p>Simchi-Levi, David; Kaminsky, Philip; Simchi-Levi, Edith (2009) Designing and managing the supply chain: concepts, strategies, and case studies, McGraw-Hill/Irwin.</p> <p>Zijm, Henk; Klumpp, Matthias; Regattieri, Alberto; Heragu, Sunderesh (2019) Operations, Logistics and Supply Chain Management. Springer.</p>