

Module: Supply Chain Management

Level	Master	Short Name	SCM
Responsible Lecturers	Prof. Dr. André Köhler		
Department, Facility	Mechanical Engineering and Business Administration		
Course of Studies	Business Administration and Engineering, Master		
Compulsory/elective	Compulsory	ECTS Credit Points	5
Semester of Studies	2	Semester Hours per Week	4
Length (semesters)	1	Workload (hours)	150
Frequency	WiSe	Presence Hours	60
Teaching Language	German/English	Self-Study Hours	90

The following section is filled only if there is **exactly one** module-concluding exam.

Exam Type	Portfolio Exam	Exam Language	German/English
Exam Length (minutes)	90	Exam Grading System	One-third Grades
Learning Outcomes	After successful completion of this course, the students will be able to: <ol style="list-style-type: none"> 1. Take cultural aspects of the participants of a supply chain into account. 2. Prepare strategic and operational supply chain management decisions in various enterprises 3. Understand, analyze and evaluate major SCM tools and concepts 4. Apply SCM concepts in practice 		
Participation Prerequisites			

The previous section is filled only if there is **exactly one** module-concluding exam.

Consideration of Gender and Diversity Issues	<ul style="list-style-type: none"> ✓ Use of gender-neutral language (THL standard) ✓ Target group specific adjustment of didactic methods ✓ Making subject diversity visible (female researchers, cultures etc.)
Applicability	
Remarks	Students gain methodical competence

Module Course: Supply Chain Management

(of Module: Supply Chain Management)

Course Type	Lecture	Form of Learning	Presence
Mandatory Attendance	yes	ECTS Credit Points	5
Participation Limit		Semester Hours per Week	4
Group Size		Workload (hours)	150
Teaching Language	German/English	Presence Hours	60
Study Achievements ("Studienleistung", SL)		Self-Study Hours	90
SL Length (minutes)		SL Grading System	

The following section is filled only if there is a course-specific exam.

Exam Type		Exam Language	
Exam Length (minutes)		Exam Grading System	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is a course-specific exam.

Contents	<ul style="list-style-type: none"> • Introduction to SCM <ul style="list-style-type: none"> • From logistics to SCM • Goals and principles of SCM • Supply Chain Design and Operations <ul style="list-style-type: none"> • Best practice examples • Special SCM tools (VMI, ECR, JIT, 3 and 4 PL) • Selected quantitative models • Change management • SCM information systems <ul style="list-style-type: none"> • E-Business • Case study/Exercise: • Business Game SCM • Usage of cultural diversity
Literature	<p>Chopra, S.; Meindl, P. ; Supply Chain Management Pearson Education Limited; Auflage: 6th Global ed Mai 2016</p> <p>Corsten, D.; Gabriel, Chr.: Supply Chain Management erfolgreich umsetzen. Berlin u.a.: Springer 2002</p> <p>Corsten, D.; Gössinger, R.: Einführung in das Supply Chain Management. München, Wien: Oldenbourg 2001</p> <p>Eißig, M. (Hrsg.): Perspektiven des Supply Chain</p>

Managements. Berlin et al: Springer 2005
 Kuhn, A.; Hellingrath, H.: Supply Chain Management.
 Berlin u.a.: Springer 2002
 Schönsleben, P.: Integrated Logistics Management. Boca
 Raton et al: St. Lucie 2000
 Simchi-Levi, D.; Kaminsky, P.; Simchi-Levi, E. Designing and Managing the
 Supply Chain; Mcgraw-Hill Education - Europe; Auflage: 4 Rev ed. 2016

Remarks	Students achieve methodical and social skills
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