

wir885 - Operations and Supply Chain Management

Module label	Operations and Supply Chain Management				
Modulkürzel	wir885				
Credit points	6.0 KP				
Workload	180 h				
Verwendbarkeit des Moduls	<ul style="list-style-type: none"> Master's Programme Business Informatics (Master) > Module der Wirtschafts- und Rechtswissenschaften (Master) Busse, Christian (module responsibility) Lehrenden, Die im Modul (Prüfungsberechtigt) 				
Zuständige Personen					
Prerequisites					
Skills to be acquired in this module	<p>The lecture pertaining to the module focuses on the development and critical discussion of formal analytical models for modelling and optimizing problems in operations and supply chain management. The aim is to provide students with the skills they need to analyze value-added processes in reality and not only to understand them, but ideally also improve them. The accompanying seminar, held in English, serves to deepen and critically examine the topics from the lecture. Supplementary to the lecture, the seminar deals with conceptual and empirical research and cases. Hereby, students get to know scientific discourses on practically relevant issues that are difficult to model. Furthermore, there will be ample training in scientific work, in team work and in presentations in front of large groups.</p> <p>Introduction to Operations Management; Demand Forecasting; Location Planning; Process Design; Inventory Management; Production Planning; Scheduling; Supply Chain Management; Revenue Management; Behavioral Operations Management</p> <p>Thonemann, U. (2015): Operations Management (3rd edition), Pearson. Chopra, S., Meindl, P. & Kalra, D.V (2016): Supply Chain Management: Strategy, Planning, and Operation (6th edition), Pearson Education India Helber, S. (2014): Operations Management Tutorial, Stefan Helber (proprietary publication).</p>				
Module contents					
Literatureempfehlungen					
Links					
Languages of instruction	German, English				
Duration (semesters)	1 Semester				
Module frequency	jährlich				
Module capacity	unlimited				
Reference text	<p>The module takes place in the winter semester. Please refer to the syllabus available via Stud.IP for a more detailed description of content and procedure.</p> <p>Wahlpflicht / Elective</p> <p>SPM (Schwerpunktmodul / Main emphasis)</p>				
Type of module					
Module level					
Examination	Prüfungszeiten		Type of examination		
Final exam of module			Portfolio, likely consisting of short test and short presentation		
Lehrveranstaltungsform	Comment	SWS	Frequency	Workload of compulsory attendance	
Lecture		2	SoSe und WiSe	28	
Seminar or exercise		2	SoSe und WiSe	28	
Präsenzzeit Modul insgesamt				56 h	