<u> </u>	ion: Bachelor Thesis: Transportat	.						
Module Code	t.BA.MO.BA.24HS							
ECTS Credits	12							
Language of Instruction/Examination	German							
Organizational Unit	MPS Ltg.							
Module Coordinator	Thomas Sauter-Servaes							
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.							
Module Characteristic	Type 7							
	Bachelor's thesis							
Module Description	In the Bachelor's thesis, students work independently on topics from the field of mobility & logistics in close cooperation with business partners from the transport industry (companies, associations, administration) and the supervising lecturers.							
	 technical-scientific problem. The problem can originate from research & development of an institute or directly from practice partners from the transport industry. The steps that students practice by working on the problem include an analysis of the problem and the structuring and planning of the workflow with a time schedule. Depending on the problem, field investigations and/or modeling and simulation may be required. The results lead to the solution of the problem. The students are able to critically examine the results and are able to assess whether the set goals are achieved or the requirements from the task are fulfilled. During the bachelor thesis, the students regularly report on its progress and discuss the further process. In a report, project implementation and results are documented. The summary is to be written in German and English. The results are presented in the presence of an external expert. 							
Prerequisite Knowledge								
Learning Objectives	Students	Competencies Taxonomie						
(Competences)	Students have the ability to independently acquire methodological and subject-specific scientific knowledge from literature and professional publications.	M, F	K4					
	Students will be able to critically review the results and evaluate whether the objectives have been met.	M, F	K6					
	Students are able to apply the knowledge and skills	14.05.5.00						
	acquired in their studies to practical problem solving and develop new solutions to the problem in combination with their findings from the literature review.	M, SE, F, SO	K5					
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	acquired in their studies to practical problem solving and develop new solutions to the problem in combination with their findings from the literature review. Students can independently determine the task and plan							
	acquired in their studies to practical problem solving and develop new solutions to the problem in combination with their findings from the literature review. Students can independently determine the task and plan the workflow. Students will have the ability to document findings in a	M, F	K2					

Module description: Bachelor Thesis: Transportation Systems										
Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Form	Form				
	report	Grade		100		acc. to module agreement				
	Performance assessment during the semester		e Assessm	Assessment Length (min.)		Veighting	Form			
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Classroom Attendance Requirement	None									
Learning material										
Comments										