

Module description: Bachelor Thesis: Engineering and Management					
Module Code	t.BA.WI.BA.19HS				
ECTS Credits	12				
Language of Instruction/Examination	German				
Organizational Unit	MPS Ltg.				
Module Coordinator	Richard Bödi				
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	The bachelor thesis is taking place in 6th semester (in 8th semester for part time studies, respectively). It consists of working independently on a concrete scientific question under the guidance of a lecturer. The topic of the project work should originate from the field of Industrial Engineering, Data & Service Engineering or Mathematical Economics. Typically, the bachelor thesis is prepared by a team of two students. During the course of the project, the students regularly inform about the progress of their work. The written final report includes the formulation of the problem, the work assignment, the project implementation and the results obtained.				
Module Content	<ul style="list-style-type: none"> The bachelor thesis is taking place in 6th semester (in 8th semester for part time studies, respectively). It consists of working independently on a concrete scientific question under the guidance of a lecturer. The topic of the project work should originate from the field of Industrial Engineering, Data & Service Engineering or Mathematical Economics. Typically, the bachelor thesis is prepared by a team of two students. During the course of the project, the students regularly inform about the progress of their work. The written final report includes the formulation of the problem, the work assignment, the project implementation and the results obtained. 				
Prerequisite Knowledge	Successful completion of project work (t.BA.WI.PA.19H)				
Learning Objectives (Competences)	Students...		Competencies	Taxonomies	
	Competence of independently processing applied problems in the field of Industrial Engineering, Data & Service Engineering or Mathematical Economics.		M, F	K4	
	Students are able to critically evaluate findings in order to tell whether or not their goals have been achieved.		M, F	K6	
	Competence of self-acquiring scientific knowledge from literature and proceedings.		SO, M, SE, F	K1, K2, K3, K4, K5, K6	
	Competence of writing scientific reports describing project work and project results, and present them in a colloquium.		SO, SE, M	K5	
Performance Assessment	End-of-module exam	Assessment	Length (min.)	Weighting	Form
	other			100	
	Performance assessment during the semester		Assessment	Length (min.)	Weighting
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Classroom Attendance Requirement	None
Learning material	
Comments	