

<b>Module description: Project Thesis: Computer Science</b>			
<b>Module Code</b>	t.BA.IT.PA.19HS		
<b>ECTS Credits</b>	6		
<b>Language of Instruction/Examination</b>	German		
<b>Organizational Unit</b>	IEM Ltg.		
<b>Module Coordinator</b>	Olaf Stern		
<b>Legal Framework</b>	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.		
<b>Module Characteristic</b>	Type 6 Project work		
<b>Module Description</b>	The Project work comprises an independent body of work on a practical technical-scientific problem. The students are expected to exhibit their ability to utilise scientific and engineering principles and apply knowledge gained in the course of their studies, to the solution of this technical problem.		
<b>Module Content</b>	<p><b>A Project work consists of a conceptual body of work and its practical realisation. The focus of the Project work should be on the implementation part.</b></p> <ul style="list-style-type: none"> <li>- The main focus is on the conceptual part where the theoretical and methodological foundations of a development or a concept are elaborated and explained.</li> <li>-The main focus is on the conceptual part where the theoretical and methodological foundations of a development or a concept are elaborated and explained</li> <li>• Bachelor Thesis are supervised by one or more lecturers of the faculty on Information Technology who will offer specialist support on the chosen theme. The students will regularly report on the progress of their work and proposed further activities.</li> <li>• The results of the work will be published in a report conforming to technical scientific norms.</li> </ul>		
<b>Prerequisite Knowledge</b>	According to the examination and study regulations (and specifications of the supervisor).		
<b>Learning Objectives (Competences)</b>	<b>Students...</b>	<b>Competencies</b>	<b>Taxonomies</b>
	In the course of the project work, the students will refine the following skills: - Determination of a theme and the exploration space,	M, F	K3, K4
	- Development of a clear perception of the targets to be reached,	F, SE, M	K6
	- Utilisation of a systematic and methodologically correct approach to the solution of posed problems,	F, M, SE	K3
	- the systematic ordering and proof, or argumentation, of any decisions or interpretations made in the course of the project work	M, F, SE	K5, K6
	Evaluate results and make them available to others, and	M, F	K3
	- Publication of results.	SE, M, F	K3

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<b>Performance Assessment</b>	<b>End-of-module exam</b>	<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>	
	other	Grade		100	acc. to module agreement	
	<b>Performance assessment during the semester</b>		<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>
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<b>Classroom Attendance Requirement</b>	None					
<b>Learning material</b>						
<b>Comments</b>	See also guideline: "Bewertungsraster zur Projekt- und Bachelorarbeit an der SoE"					