

Module name:	Master Project
Abbreviation:	MPR
Study semester:	3 rd semester (SS), frequency: once a year
Responsible for module:	Jürgen Dunkel
Teaching staff:	All teaching staff
Language:	German or English
Place in curriculum:	Master Compulsory subject 3 rd semester
Teaching methods/SWS:	6 SWS project work
Work required:	Project work = 180 h Own study time = 180 h
Credit points:	12 CP (= 360 h)
Prerequisites acc. to exam regulations:	
Recommended prerequisites:	All courses in the student's chosen area of specialization (major), in particular project and quality management
Learning goals:	<p>Analytical skills: Ability to independently analyze the given problem using scientific methods and findings</p> <p>Design/realization skills: Ability to develop solution strategies and implement them using the skills acquired</p> <p>Technological skills: Ability to combine knowledge from different areas and use it for a specific purpose</p> <p>Methodological skills: Ability to use different innovative methods to solve practical problems</p> <p>Project management skills: Ability to plan projects, set up an organizational structure and to steer projects to reach the desired goal. Risk management</p> <p>Social skills: Use of conflict-solving strategies</p>
Contents:	The Master project focuses on dealing with a complex, current problem from the field of computer science; it can come from one of the two areas of specialization (majors). The task is characterized by independent teamwork on the project with project-specific organization, planning and execution. The concrete contents, processes and methods are derived from the problem at hand.
Examinations:	Experimental work
Media forms:	Project work: Presentation, board, examples, discussion Independent task-solving, assessment of the solutions, individual discussion
Literature:	Project-specific