

Module title		Abbreviation
MCS Project Computer Science		10-MCS-Proj-Info-152-mo1
Module coordinator		Module offered by
holder of the Chair of Computer Science IX		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
12	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The module provides basic knowledge of the collaborative development process of software. This includes both the creation and execution of requirements analyses, the design of the software architecture, its implementation and evaluation. The necessary activities are carried out independently in groups of 8-10 students. Presentations and discussions help the student groups improve their teamwork skills, become familiar with the required technologies and activities, and organize the project as a whole.</p>		
Intended learning outcomes		
<p>After participating in the module courses, students are able to develop software collaboratively. They can elicit, specify, analyze, and validate software requirements. Students are able to independently familiarize themselves with new software technologies and frameworks and use them to develop software. In addition to these technical and methodological competencies, students will be able to apply best practices for effective teamwork, such as evaluation methods, communicating expectations, and dealing with problems.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>report (approx. 10 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
360 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Bachelor' degree (1 major) Human-Computer Systems (2015) Bachelor' degree (1 major) Human-Computer Systems (2016) Bachelor' degree (1 major) Human-Computer Systems (2018) Bachelor' degree (1 major) Human-Computer Systems (2022)</p>		