

Module title		Abbreviation
Telecommunication Systems Lab		10-I=TEL-212-m01
Module coordinator		Module offered by
Dean of Studies Informatik (Computer Science)		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The students realise projects in popular research areas of telecommunications like, e.g.,</p> <ul style="list-style-type: none"> • satellite communications, • non-terrestrial and highly dynamic networks, • joint communications and sensing, • free-space optical communications and • quantum communications. 		
Intended learning outcomes		
<p>Students will</p> <ul style="list-style-type: none"> • gain experience in project planning, organising tasks, setting goals, and managing project timelines, • apply problem-solving strategies and critical thinking skills to overcome project challenges and find innovative solutions, • develop effective teamworking skills, including communication, coordination and cooperation within a project team, • acquire and enhance technical skills and knowledge relevant to the project's subject matter and requirements and • effectively communicate project progress, findings and outcomes to team members and wider audiences. 		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + P (4) Module taught in: English		
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>a) written examination (approx. 20 minutes) or b) oral group examination (max. 3 candidates, approx. 15 minutes each) or c) report (4-8pages) Language of assessment: English</p>		
Allocation of places		
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Additional information		
Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): LR		
Workload		
150 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		
Master's degree (1 major) Computer Science (2021)		



Master's degree (1 major) Aerospace Computer Science (2021)