

Study Plan between FUB and Partner Universities

The DDMSE curriculum is synchronised with the teaching offering for the EMSE programme at the Free University of Bozen-Bolzano
A course of local language of 2 ECTS is compulsory at each academic year

FUB				BTH			
1st Year				2nd Year			
ES	Title	CP	Lang.	Title	CP	Lang.	
1	Software Process Management	8	En	Advanced Topic in computing	7.5	En	
	Seminars in Human Machine Interaction	4	En	Product Line Architecture	7.5	En	
	Statistical Methods	4	En	Project	7.5	En	
	Requirements and Design of Software Systems	8	En	Global Software Engineering	7.5	En	
	IT and Service Management	8	En				
semester 32				semester 30			
2	Software Reliability and Testing	8	En	Thesis	30	En	
	Empirical Software Measurement	8	En				
	Seminars in Software and IT Engineering	4	En				
	Advanced Internet Technologies	8	En				
semester 28				semester 30			
year 60				year 60			
Total				120			

FUB				UNIKL			
1st Year				2nd Year			
ES	Title	CP	Lang.	Title	CP	Lang.	
1	Software Process Management	8	En	Safety & Reliability of Embedded systems	4	En	
	Seminars in Human Machine Interaction	4	En	Performance modelling of distributed systems OR D: Security	4	En	
	Statistical Methods	4	En	Project	8	En	
	Requirements and Design of Software Systems	8	En	Product line Engineering	4	En	
	IT and Service Management	8	En	Middleware for Heterogeneous and Distributed Information Systems	8	En	
			Software Engineering Seminar	4	En		
semester 32				semester 32			
2	Software Reliability and Testing	8	En	Thesis	30	En	
	Empirical Software Measurement	8	En				
	Seminars in Software and IT Engineering	4	En				
	Advanced Internet Technologies	8	En				
semester 28				semester 30			
year 60				year 62			
Total				122			

BTH				FUB			
1st Year				2nd Year			
ES	Title	CP	Lang.	Title	CP	Lang.	
1	Advanced Software Project Management	7.5	En	System Engineering	8	En	
	Applied Software Project Management	7.5	En	Technical Scientific Communication	4	En	
	Software Architecture and quality	7.5	En	Project	8	En	
	Practical Requirements	7.5	En	Elective	8	En	
			Research Methods	2	En		
semester 30				semester 30			
2	Verification and Validation	7.5	En	Thesis	30	En	
	Research Methodology	7.5	En				
	Multiprocessor System	7.5	En				
	Software Metrics	7.5	En				
semester 30				semester 30			
year 60				year 60			
Total				120			

UNIKL				FUB			
1st Year				2nd Year			
ES	Title	CP	Lang.	Title	CP	Lang.	
1	Safety and Reliability of Embedded Systems	4	En	System Engineering	8	En	
	Performance Modeling of Distributed Systems *	4	En	Technical Scientific Communication	4	En	
	Requirements Engineering	4	En	Project	8	En	
	Middleware for Heterogeneous Distributed Information Systems	8	En	Elective	8	En	
	Quality Management software and System OR Q: Software Engineering	4	En	Research Methods	2	En	
	Product Line Engineering	4	En				
semester 28				semester 30			
2	Formal Specification and verification Techniques ***	8	En	Thesis	30	En	
	Software Project and Process Management	4	En				
	Software Architecture of Distributed Systems and D: Service Engineering	8	En				
	Process Modelling	4	En				
	Empirical Model Building and Methods and Software Engineering	8	En				
semester 32				semester 30			
year 60				year 60			
Total				120			