EMSE program structure by subjects

Shared subjects

Core Areas

Software Process Management
Verification and Validation
Software Design
Requirements Engineering
48 - 66,5 ECTS
7,5 - 12 ECTS
15,5 - 32 ECTS
4-15,5 ECTS

Partners
specific subjects

BTH ←→UNIKL
20 - 24 ECTS

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20 - 24 ECTS

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20 - 24 ECTS

20 - 24 ECTS

Competences to work on research in SE



Empirical Research Methods 7,5-16 ECTS

Autonomous Student's work performed in external organisation



Electives38 ECTSInternship4 ECTS

Autonomous and supervised student's work



Project 4 ECTS

Autonomous and co-supervised student's final work



Thesis 30 ECTS

Example of Projects	
FUB	Open Source SW analysis and development
UNIKL	Team-based Software Development
втн	Globally Distributed Development
UPM	Experiment Replications in SE
USP	Systematic review in SE
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Partner specific strength		
FUB	Software Reliability	
	Software Measurement	
	Mobile and Internet systems	
UNIKL	Software Process Management	
	Software Quality	
	Software Process modelling	
BTH	Software Improvement	
	Global Software Engineering	
	Software Design	

1st, 2nd, 3d, Semester

rd Semester 4th Sem