

Exemplary Study Plan I

- **full-time** study
- start of studies: **winter semester**
- **international study abroad**
- specialisation area: **Distributed and Mobile Systems (S1)**

Semester	Module	ECTS	SWS	Module group	Focal areas
1 (winter)	Distributed Systems Architecture and Middleware (DSG-DSAM-M)	6	4	A1	S1
	Specification and Verification (Gdl-SaV-B)	6	4	A1	S2
	Mobile Communication (KTR-Mobi-M)	6	4	A1	S1, S4
	Principles of Compiler Construction (SWT-PCC-M)	6	4	A1	S2
	Data Streams and Complex Event Processing (MOBI-DSC)	6	4	A1	S1, S4
1st semester total		30	20		
2 (summer)	Applied Software Verification (SWT-ASV-M)	6	4	A1	S1, S2, S4
	Communication and Synchronisation (Gdl-CaS-M)	6	4	A1	S1, S2, S4
	Service-oriented Architecture and Web Services (DSG-SOA-M)	6	4	A1	S3
	Master Project Mobile Software Systems (MOBI-PRS-M)	9	6	A3	S1
	Master Seminar (SSS-SEM-M)	3	2	A3	
2nd semester total		30	20		
3 (winter)	Graduate Study Abroad (at partner university)	30	-	A5	
3rd semester total		30	ca. 20		
4 (summer)	Master's Thesis	30	-	A4	S1
4th semester total		30	ca. 20		
total		120	ca. 80		