

## Exemplary Study Plan III

- **part-time** study
- start of studies: **winter semester**
- **international internship**
- 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
<b>1st semester total</b>		<b>18</b>	<b>12</b>		
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
	Master Seminar (SSS-SEM-M)	3	2	A3	
<b>2nd semester total</b>		<b>15</b>	<b>10</b>		
3 (winter)	Principles of Compiler Construction (SWT-PCC-M)	6	4	A1	S2
	Data Streams and Complex Event Processing (MOBI-DSC)	6	4	A1	S1, S4
<b>3rd semester total</b>		<b>12</b>	<b>8</b>		
4 (summer)	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
<b>4th semester total</b>		<b>15</b>	<b>10</b>		
5 (winter)	Ubiquitous Systems (HCI-US)	6	4	A2 (A5)	S1
	Introduction to Knowledge Representation: Space, Time, Events (SME-STE-M)	6	4	A2 (A5)	S2
	Cognitive Modelling (KogSys-KogMod-M)	6	4	A2 (A5)	S3
<b>5th semester total</b>		<b>18</b>	<b>12</b>		
6 (summer)	Internship (international context)	12	-	A5	
<b>6th semester total</b>		<b>12</b>	<b>ca. 8</b>		
7 & 8	Master's Thesis	30	-	A4	S1
<b>7th and 8th semester total</b>		<b>30</b>	<b>ca. 20</b>		
<b>total</b>		<b>120</b>	<b>ca. 80</b>		