

## Exemplary Study Plan II

- **full-time** study
- start of studies: **summer semester**
- **international internship**
- specialisation area: **Service-oriented Architectures (S3)**

Semester	Module	ECTS	SWS	Module group	Focal areas
1 (summer)	Foundations of Internet Communication (KTR-GIK-M)	6	4	A1	S3, S4
	Human-Computer Interaction (HCI-MCI-M)	6	4	A2	S1, S3
	Modelling and Analysis of Communication Networks and Distributed Systems (KTR-MAKV-M)	6	4	A1 (A5)	S1, S2, S4
	Information and Security (Gdl-IaS-M)	6	4	A1	S1, S2, S4
	Introduction to Distributed Systems (DSG-IDistrSys)	6	4	A1	S1, S3, S4
<b>1st semester total</b>		<b>30</b>	<b>20</b>		
2 (winter)	SOA-Governance and Evaluation (ISDL-SOA)	3	2	A2	S3
	Selected Readings in Distributed Systems (DSG-SRDS-M)	3	2	A1	S1, S3
	Semantic Information Processing (KInf-Seminf-M)	6	4	A2 (A5)	S3, S4
	Specification and Verification (Gdl-SaV-B)	6	4	A1	S2
	Data Streams and Complex Event Processing (MOBI-DSC)	6	4	A1	S1, S4
	Principles of Compiler Construction (SWT-PCC-M)	6	4	A1 (A5)	S2
<b>2nd semester total</b>		<b>30</b>	<b>20</b>		
3 (summer)	Service-oriented Architecture and Web Services (DSG-SOA-M)	6	4	A1	S3
	Distributed Systems Project (DSG-Project-M)	9	-	A3	S3
	Master Seminar (SSS-SEM-M)	3	2	A3	
	Internship (international context)	12	-	A5	
<b>3rd semester total</b>		<b>30</b>	<b>ca. 20</b>		
4 (winter)	Master's Thesis	30	-	A4	S3
<b>4th semester total</b>		<b>30</b>	<b>ca. 20</b>		
<b>total</b>		<b>120</b>	<b>ca. 80</b>		