

1. Semester	LS	ECTS	2. Semester	LS	ECTS	3. Semester	LS	ECTS	4. Semester	LS	ECTS	5. Semester	LS	ECTS	6. Semester	LS	ECTS	7. Semester	LS	ECTS
Programming	EN	5	Big Data & Analytics	EN	5	Big Data Ecosystems	DE	5	Frontend Programming	EN	5	Cloud Computing & Distributed Systems	EN	5	IT Security	EN	5	Capstone Project	DE	10
Computer Architecture	EN	5	Backend Development	EN	5	Blockchains & Containers	EN	5	System Administration	EN	5	Software Quality Assurance	EN	5	Machine Learning & Smart Systems	EN	5	Bachelor Thesis Colloquium	EN	3
Mathematics & Statistics	DE	5	Quantitative & qualitative Methoden	DE	5	IT Platforms	EN	5	Human Resources & Organisation	DE	5	Applied Research Project	EN	5	Artificial Intelligence	EN	5	Bachelor Thesis	EN	12
Software Engineering I	EN	5	Soft Skills	EN	5	Software Engineering II	EN	5	IT Agile Development	EN	5	Agile & Creative Methods	EN	5	System Configuration Management	EN	5			
Theorie-Praxis-Transfer*																			DE	35

*Jedes Semester hat ein Theorie-Praxis-Transfer-Modul mit jeweils 5 ECTS pro Modul (insgesamt 35 ECTS verteilt auf 7 Semester).

180 ECTS