BSc Software Engineering

English

1st Semester	ECTS	HWS	2nd Semester	ECTS	HWS	3rd Semester	ECTS	HWS	4th Semester	ECTS	HWS	5th Semester	ECTS	HWS	6th Semester	ECTS	HWS
Programming	10	6	Big Data & Analytics	5	3	IT Platform	5	3	Artificial Intelligence	5	3	Semester abroad or Internship semester	30	18	Internship	15	9
Computer Architecture	5	3	Backend Development	5	3	Software Engineering 2	5	3	Frontend Programming	5	3						
Management Basics	5	3	Parallel Programming	5	3	Cloud Computing & Distributed Systems	5	3	IT Security	5	3						
Software Engineering 1	5	3	StartUp-Management	5	3	Operating Systems	5	3	IT Agile Development	5	3				Thesis & Colloquium	15	9
Mathematics & Statistics	5	3	Digital Media & Communication	5	3	Software Quality Assurance	5	3	Corporate Management	5	3						
Employabbility: Business English	5	3	Quantitative & Qualitative Methods	5	3	GUI Design and Web Optimization	5	3	Machine Learning and Smart Systems	5	3						
	30	18		30	18		30	18		30	18		30	18		30	18

180 ECTS

▨	Mendatory faculty-wide modules
▨	Mendatory specialization modules
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List of abbreviations
HWS: Hours per week (1 hour = 45 min.)
ECTS: European Credit Transfer System