

1. Semester (SuSe)	2. Semester (WS)	3./4. Semester (WS, SuSe)	3./4. Semester (WS and SuSe)
Big Data and noSQL Databases (5 ECTS)	Building Web and Mobile Apps (5 ECTS)	Additional 30 ECTS (in case your first degree has 180 ECTS): - Modules Department - Applied Computer Science - German Language Courses - Semester Abroad - Internship (30 ECTS)	Master's Thesis in Global Software Development and Colloquium (25 Credits)
Cloud Computing (5 ECTS)	Distributed Applications (5 ECTS)		
Model Driven Development (5 ECTS)	Global Distributed Software Development (5 ECTS)		
Programming Paradigms (5 ECTS)	Machine Learning (5 ECTS)		
Reconfigurable Computing (5 ECTS)	Parallel Programming (5 ECTS)		
Elective* (5 ECTS)	Test-oriented Development (5 ECTS)		Intercultural Communication and Scientific Work (5 ECTS)

■ For Students who have a 6 semester degree.

* Students can choose different “Compulsory Elective Modules” (not all electives are offered every semester, please ask the course coordinator)

- Intercultural Project Management (5 ECTS)
- Research Project (5 ECTS)
- Software Development Project (5 ECTS)
- Special Topic of Global Software Development (5 ECTS)

