Appendix B

Sample study plan – Bachelor's degree programme 'Computer Science (English)'

1	Mathematics for Computer Scientists 1 (9 credits)	Programming 1 (9 credits)	Lecture Series 'Perspectives in Computer Science' (2 credits)	Language Course (6 credits)	26
2	Mathematics for Computer Scientists 2 (9 credits)	Programming 2 (9 credits)	System Architecture (9 credits)	Mandatory elective (e.g. Language Course, 3 credits)	30
takes place during break between summer and winter semesters 'Software Engineering Lab' (9 credits)					9
3	Mathematics for Computer Scientists 3 (9 credits)	Introduction to Theoretical Computer Science (9 credits)	Fundamentals of Data Structures and Algorithms (6 credits)	Introductory Seminars (5 credits)	29
4	Big Data Engineering (6 credits)	Concurrent Programming (6 credits)	Core Lecture (9 credits)	Seminar (7 credits)	28
5	Elements of ML (6 credits)	Core Lecture (9 credits)	Core / Advanced Lecture (9 credits)	Mandatory elective (e.g. Tutoring, 4 credits)	28
6	Core / Advanced Lecture Course (9 credits)	Bachelor's Seminar (9 credits)	Bachelor's Thesis (12 credits)		30