

Anhang B.

Beispielstudienplan Bachelor-Studiengang Computer Science (English)

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