

Curriculum International Computer Science B.Sc.

	ECTS																														
Semester	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sum ECTS
1	Mathematics 1							Programming 1							Automata, Formal Languages, and Computation					Business Administration					Language Track 1 A or B *)					30	
2	Mathematics 2							Programming 2							Computer Systems					Networking					Language Track 2 A or B *)					30	
3	Databases							Global Software Engineering							Operating Systems					Statistics					Language Track 3 A or B *)					30	
4	Web Technology Project					Software for the Global Market					Algorithms and Data Structures								Computer Architecture							Language Track 4 A or B *)					30
5	Industrial Placement + Seminar																										AWPM 1		AWPM 2		30
6	Core Module 1 Scientific Seminar					Core Module 2 Int. Software Development *)					Core Module 3 Information Security *)					Core Module 4 Big Data Technology *)					FWPM 1					FWPM 2					30
7	Bachelor Thesis												Bachelor Seminar		Core Module 5 Advanced Algorithms *)					Core Module 6 Stochastic Algorithms *)					FWPM 3					30	

*) Core Modules 2 - 6:

The designated course modules are intended to provide an orientation to the planned course offerings in the 3rd stage of study. The list of course modules mentioned can still be extended at any time within the program growth.

*) Language Track 1 -

Track A: German

Track B: Spanish