

Skills/Research		Programming/Software	Computer Science Core	AI & Data Science	Cognition & Interaction	Mathematics
Year 1	Semester 1	Introduction to Programming	Essentials of Computer Systems	Foundations of Computer Science	Studying and Presenting	Calculus 1
	Semester 2	Algorithms & Data Structures	Databases	Logic	Introduction to Cognitive Science	Linear Algebra 1
				Probability Theory		Linear Algebra 2
					Calculus 2	
Year 2	Semester 1	Software Development	Automata Theory	Symbolic AI	Human-Agent Interaction	Statistics
	Semester 2	Security	Neural Computing	Reinforcement Learning	Cognition & Computation Research Methods in AI	Machine Learning
Year 3	Semester 1	Video Game Making	Human Computer Interaction and Information Visualization	Generative AI	Cognitive Neuroscience*	Natural Language Processing
		Concepts of Programming Languages	Computer Vision	Natural Computing	Cognitive Modelling*	Cognitive Robotics*
	Semester 2	Program Correctness			Data Science	30 ECTS Minor and 6 ECTS Electives or 36 ECTS Electives
		Software Engineering		Bachelorproject		
Extra-curricular	AI & Robotics Challenge	N.B.: Bold courses are mandatory. Courses marked * are not taught yearly. Scheme above is indicative, non-binding and subject to OER changes.				