

Year 1					
S1	P1	Core courses			Project
		Introduction to Computer Science	Procedural Programming	Discrete Mathematics	
	P2	Core courses			
	Objects in Programming	Logic	Calculus		
	P3	Project			
S2	P4	Core courses			Project
		Data Structures and Algorithms	Linear Algebra	Object-Oriented Modelling	
	P5	Core courses			
	Database Architectures	Statistics	Algorithmic Design		
	P6	Project			

Year 2					
S1	P1	Core courses			Elective Module
		Computer Networks	Introduction to AI	Intelligent User Interfaces	Intelligent Interaction
	P2	Core courses			Elective Module
		Software Engineering and Architectures	Principles of Programming Languages	Elective Module Course	AI & ML
	P3	Elective Module Project			Course Machine Learning
S2	P4	Core courses			Elective Module
		Embedded Programming	Computer Security	Parallel Programming	High Performance Computing
	P5	Core courses			Elective Module
		IT Management & Privacy	Numerical Methods	Elective Module Course	Cybersecurity and IoT
	P6	Elective Module Project			Course Information Security or Ubiquitous Computer & IoT
					Project High Performance Computing
					Project Cybersecurity and IoT

Year 3				
S1	P1	Elective Semesters (choice between)		
	P2	6 elective courses with a Brightlands Campus project Elective Computer Science Courses: • Computer Simulations • Real-Time Programming • Computer Graphics • Quantum Computing • Robotics • Bio-Informatics • IT Startups • Digital Society • Cloud Computing • Software and System Verification Related elective courses from other UM Science and Engineering programmes (For instance: in physics)	Maastricht University Minor	Semester Abroad at a European Partner University
	P3			
S2	P4	Core courses		Bachelor's Thesis
	P5	Bachelor's Thesis		
	P6	Bachelor's Thesis		