

Year 1				
S1	P1	Core course	Elective (choose 1)	
		Intelligent Search and Games	Stochastic Decision-Making	Signal and Image Processing
	Research project 1			
	P2	Core course	Elective (choose 1)	
		Advanced Concepts in Machine Learning	Network Science	Advanced Natural Language Processing
	Research project 1			
	P3	Research project 1		
S2	P4	Core course	Elective (choose 1)	
		Agents and Multi-Agent Systems	Building and Mining Knowledge Graphs	Explainable AI
	Research project 2			
	P5	Core course	Elective (choose 1)	
		Autonomous Robotic Systems	Information Retrieval and Text Mining	Introduction to Quantum Computing for AI and Data Science
	Research project 2			
	P6	Research project 2		

Year 2						
S3	P1-3	Elective				
		Elective courses / Research project Department of Advanced Computing Sciences	Courses from other UM programmes/faculties	Quantum computing specialisation	Study abroad	Research internship/ Professional internship
				Quantum Algorithms		
				Quantum AI		
				Quantum Information and Security		
				Project on Quantum		
S4	P4-6	Master's Thesis				