Application domain	September	October	November	December	January	February	March	April	May	June
Specialisations in the Master Computational Science 2024 - 2025										
	Semester 1					Semester 2				
	block 1		block 2		block 3	block 4		block 5		block 6
Computational Science Core	Machine Learning 1 (UvA) 6EC					Experimental Design and Data Analysis (VU) 6EC				Machine Learning for the Quantified Self (VU) 6EC
Computational Finance / Economics *Drona Kandhai*			Advanced topics in Computational Finance (UvA) 6EC			Scientific Computing (UvA) 6 EC		Computational Finance (UvA) 6EC		
			CED 1: Learning, Stability and Chaos (UvA) 5EC							
			Stochastic Simulation (UvA) 6EC							
	Stochastic Processes for Finance (UvA) 6EC									
Computational Biology *Jaap Kaandorp*	Bioinformatics Project (UvA) 6EC		Algorithms in Sequence Analysis (VU) 6EC					Bioinformatics Project(UvA) 6EC		
	Fundamentals of Bioinformatics (VU) 6EC							Bioinformatics for Translational Medicine (VU) 6EC		
Computational Biomedicine *Gábor Závodszky*	From Physics to Physiology (VU) 6EC					Parameter Estimation Applied to Medical & Biological Science (VU) 6EC		Biomolecular Simulations (UvA) 6EC		
Computational Chemistry and Physics *Edan Lerner* and *Peter Bolhuis*	Non-equilibrium Statistical Physics (UvA) 3EC		Statistical Theory of Complex Molecular Systems (UvA) 6EC		Understanding Molecular Simulation (UvA) 6EC			Biomolecular Simulations (UvA) 6EC		Advanced Computational Condensed Matter (UvA) 3EC
	Physics of Complex Systems: Dynamics and Chaos (UvA) 3EC									
High Performance Computing *Henri Bal*	Programming Large-scale Parallel Systems (VU) 6EC		Distributed Systems (VU) 6EC		High Performance Computing and Big Data (UvA) 6 EC					
					Parallel Programming Practical (VU) 6EC					
Computational Social Science *Vitor Vasconcelos and Debraj Roy*			Computational Social Choice (UvA) 6EC					Game Theory (UvA) 6 EC		
			Stochastic Simulation (UvA) 6EC					Theory of Complex Systems (UvA 6 EC		
Sci. Computing / Numerical Math *Daan Crommelin*	Parallel Algorithms (UvA)** 8EC					Numerical Methods for Time-Dependent Partial Differential Equations (UvA)** 8 EC				
						Scientific Computing (UvA) 6EC				
Complex Systems *Rick Quax*	Physics of Complex Systems: Dynamics and Chaos (UvA) 6EC		Stochastic Simulation (UvA) 6EC					Theory of Complex Systems (UvA) 6EC		