

Master Courses Applied Mathematics					
AM courses	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B	
	Continuous Optimization (Mastermath 6)		Scientific Computing (6)		
				Pioneers of Applied Mathematics (5 EC)	
OR Courses	Discrete Optimization (Mastermath 6)		Queueing Theory (6)	Applied Queueing models (5)	
	Game Theory (5)	Markov Decision Theory (5)	Optimization Modeling (5)		
	Measure & Probability (5)	Stochastic Processes (5)			
	Complex Networks (5)		Scheduling (Mastermath 6)		
	Limits to Computing (5)		Information Theory and Statistics (5)	Spatial Statistics (5)	
			Applied Statistics (Mastermath 6)		
			Capita Selecta OR (5)		
SACS Courses	Applied Functional Analysis (6)		Applied Finite Elements Methods for PDE(Mastermath 6)		
		Optimal Control (5)			
	Systems & Control (6)		Introduction to Partial Differential Equations (5)	Time Series Analysis (5)	
	Nonlinear Dynamics (5)	Numerical Techniques for PDE (5)	Robust Control (5)		
	Measure & Probability (5)		Partial Differential Equations (6)		
			Random Signals and Filtering (5)		
			Inverse problems in imaging (Mastermath 6)		
		Stochastic Differential Equations (Mastermath 6)			
MDS Courses	Complex Networks (5)	Deep Learning (5)*	Information Theory and statistics (5)	Spatial Statistics (5)	
	Basic Machine Learning (5)*				
	Statistical Learning (5)*				
	Data Science (5)	Data Science (5)	Data Science (5)		
	Discrete Optimization (6)				
		Markov Decision theory (5)			

Note that the course load for semester courses might not be split 50/50 over both quartiles. Check the timetable or mastermath site for more specific scheduling information.

Obligatory for all AM students	OR Three out of Six	Obligatory for SACS students	MDS three out of six, including one	out of three marked *
	OR courses	SACS courses	MDS electives	