

Master Courses Applied Mathematics				
	Quarter 1A	Quarter 1B	Quarter 2A	Quarter 2B
	AM courses	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)	
			Inverse problems in imaging (Mastermath 6)	
MDS Courses	Complex Networks (5)	Deep Learning (5)*	Information Theory and statistics (5)	Spatial Statistics (5)
	Basic Machine Learning (5)*			Optimal Transport (5)*
	Data Science (5)	Data Science (5)	Data Science (5)	
	Discrete Optimization (6)			
	Applied Statistical Learning (5)	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 OR courses	Obligatory for SACS students SACS courses	MDS three out of six, including one MDS electives	out of three marked *
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