

Course listing Applied Mathematics by code '13-14

Code	Course	Quartile				EC	Chair
		1	2	3	4		
191506302	Applied functional analysis	23, 36				6	AA
191509103	Advanced modelling in science			2N		6	AA
191511430	Seminar mathematical physics	X	X	X	X	5	X
191521800	Game theory	X				5	DMMP, SOR
191531400	Applied statistics			2N		6	
191531750	Stochastic processes	23, 36				6	SOR
191531870	Queueing theory			2N		6	SOR
191531920	Markov decision theory and algorithmic methods		X			5	SOR
191531940	Network of queues				X	5	SOR
191550105	Theory of PDE		X			5	AA
191551150	Numerical techniques for partial differential equations		X			5	MACS
191551161	Applied finite element methods for partial differential equations			2N		6	MACS
191551200	Scientific computing			23, 36		6	MACS
191560430	Nonlinear dynamics		X			5	AA
191560671	Robust control			X		5	HS
191561560	Systems and control	2N				6	HS
191561620	Optimal control			X		5	HS
191570401	Measure and probability	36				6	
191571090	Time series analysis	X				5	HS
191571200	Hybrid dynamical systems				X	5	HS
191571501	Stochastic differential equations			2N		6	HS
191580800	Scheduling			2N		6	DMMP
191581100	Discrete optimization	2N, 36				6	DMMP
191581200	Continuous optimization	2N, 36				6	DMMP
191581420	Optimization modelling			X		5	DMMP
201200135	Random signals and filtering			X		5	HS
201200155	PDE I			X		6	MACS
201200207	Capita selecta operations research			X		5	SOR, DMMP
201200219	PDE II				X	5	AA

23	choice of 2 out of 3 (3TU core programme)
36	choice of 3 out of 6 (Common subjects)
2N	choice from the national courses (to be found at www.mastermath.nl)
AA	Applied Analysis
DMMP	Discrete Mathematics and Mathematical Programming
HS	Hybrid Systems
MACS	Mathematics and Computational Science
SOR	Stochastic Operations Research