

# MASTER IN ADVANCED AND PROFESSIONAL MATHEMATICS

Course 2006-2007

## Autumn semester

<i>Hours</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
8 - 9	<b>Complex analysis</b>		<b>Complex analysis</b>		
9 - 10		<b>Arithmetic geometry</b>			<b>Arithmetic geometry</b>
10 - 11	<b>Functional analysis</b>			<b>Dynamical systems</b>	
11 - 12			<b>Algebraic geometry</b>		
12 - 13	<b>Geometry and topology of manifolds</b>			<b>Fuctional analysis</b>	
13 - 14			<b>Dynamical systems</b>		
14 - 15					
15 - 16	<b>Local algebra</b>	<b>Introduction to stochastic calculus</b>	<b>Local algebra</b>	<b>Introduction to stochastic calculus</b>	
16 - 17					
17 - 18	<b>Analytical mechanics</b>	<b>Simulation methods</b>	<b>Analytical mechanics</b>	<b>Simulation methods</b>	
18 - 19					

## Spring semester

<i>Hours</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
8 - 9					
9 - 10		<b>Applied harmonic analysis</b>		<b>Algebraic curves</b>	
10 - 11	<b>Algebraic curves</b>				<b>Software engineering</b>
11 - 12			<b>Algebraic number theory</b>		
12 - 13	<b>Algebraic number theory</b>	<b>Software engineering</b>			
13 - 14				<b>Applied harmonic analysis</b>	
14 - 15					
15 - 16	<b>Algebraic computation</b>	<b>Introduction to quantitative finance</b>	<b>Algebraic computation</b>	<b>Introduction to quantitative finance</b>	
16 - 17					
17 - 18	<b>Parallel computing</b>	<b>Optimisation and control</b>	<b>Parallel computing</b>	<b>Optimisation and control</b>	
18 - 19					