

## MASTER IN ADVANCED AND PROFESSIONAL MATHEMATICS

### **COURSE 2007-2008**

<b>SUBJECT</b>	<b>CREDITS</b>	<b>TEACHERS</b>	<b>TEACHING PERIOD</b>	<b>DATE</b>	<b>ROOM</b>
<b>Local algebra</b>	9,0	Joan Elias Santiago Zarzuela	Autumn semester	Tuesday, Thursday 17 – 19h	<b>B1</b>
<b>Complex analysis</b>	9,0	Joaquim Ortega Cerdà	Autumn semester	Monday, 10 – 12h Wednesday , 12 – 14h	<b>B1</b>
<b>Functional analysis</b>	9,0	Joan Cerdà	Autumn semester	Tuesday, Thursday 9 – 11h	<b>B1</b>
<b>Applied harmonic analysis</b>	9,0	Joan Cerdà Joaquim Ortega Cerdà	Spring semester	Monday, Wednesday 8 – 10h	<b>B1</b>
<b>Algebraic computation</b>	9,0	Carlos D'Andrea Martín Sombra	Spring semester	Monday, Wednesday 17 – 19h	<b>B1</b>
<b>Parallel computing</b>	9,0	Àngel Jorba	Autumn semester	Monday, Wednesday 17 – 19h	<b>B1</b>
<b>Algebraic curves</b>	9,0	Laura Costa	Spring semester	Monday, 10 – 12h Thursday, 9 – 11h	<b>B1</b>
<b>Software engineering</b>	9,0	Oriol Pujol	Spring semester	Tuesday, 11 – 13h Wednesday, 10 – 12h	<b>B1</b>
<b>Algebraic geometry</b>	9,0	Rosa M. Miró	Autumn semester	Monday, Wednesday 15 – 17h	<b>B1</b>
<b>Arithmetic geometry</b>	9,0	Àngela Arenas Núria Vila	Autumn semester	Monday, 12 – 14h Thursday, 11 – 13h	<b>B1</b>

<b>Geometry and topology of manifolds</b>	9,0	Carles Casacuberta Ignasi Mundet	Spring semester	Monday, Wednesday 15 – 17h	<b>B1</b>
<b>Introduction to stochastic calculus</b>	9,0	David Márquez Carles Rovira	Autumn semester	Tuesday, Thursday 15 – 17h	<b>B1</b>
<b>Introduction to quantitative finance</b>	9,0	José M. Corcuera	Spring semester	Tuesday, Thursday 15 – 17h	<b>B1</b>
<b>Analytical mechanics</b>	9,0	Joaquim Font Carles Simó	Spring semester	Tuesday, 9 – 11h Wednesday, 12 – 14h	<b>B1</b>
<b>Simulation methods</b>	9,0	Carles Simó	Autumn semester	Monday, Wednesday 08 – 10h	<b>B1</b>
<b>Optimisation and control</b>	9,0	Gerard Gómez	Spring semester	Tuesday, Thursday 17 – 19h	<b>B1</b>
<b>Dynamical systems</b>	9,0	Núria Fagella Ernest Fontich	Autumn semester	Tuesday, 11 – 13h Wednesday, 10 – 12h	<b>B1</b>
<b>Algebraic number theory</b>	9,0	Pilar Bayer	Spring semester	Monday, 12 – 14h Thursday, 10 – 12h	<b>B1</b>

**EYEWITNESS CLASSES:**

**Autumn semester:** *from September 25th 2007 to January 18th 2008*

**Spring semester:** *from February 11th to May 30th 2008*