

**Faculty of Mathematics (continued)****M.PHIL. IN STATISTICAL SCIENCE**Lectures are held in the *Centre for Mathematical Sciences*, unless otherwise stated

MICHAELMAS 2007	LENT 2008	EASTER 2008
<b>Advanced Financial Models</b> DR M. TEHRANCHI M. W. F. 9, <i>MR9</i> <b>*Statistical Theory</b> DR R. J. SAMWORTH M. W. F. 10, <i>MR9</i> <b>*Mathematics of Operational Research</b> PROF. R. R. WEBER M. W. F. 12, <i>MR9</i> <b>*Introduction to Probability</b> DR N. BERESTYCKI Tu. Th. 11, <i>MR12</i> <b>*Applied Statistics</b> DR S. M. PITTS Tu. Th. 12, <i>MR12</i>	<b>Monte Carlo Inference+</b> DR R. B. GRAMACY M. W. F. 9, <i>MR9</i> (first sixteen lectures) <b>Time Series+</b> DR S. PITTS M. W. F. 9, <i>MR9</i> (last eight lectures) <b>Applied Bayesian Statistics</b> PROF. D. SPIEGELHALTER M. W. 10, <i>MR12</i> and CATAM room <b>Introduction to Data Mining</b> PROF. D. L. BANKS M. W. 11, <i>MR15</i> <b>Statistics in Medical Practice ++</b> PROF. S. BIRD, PROF. D. SPIEGELHALTER, PROF. V. FAREWELL W. 4–6 p.m., <i>MR13</i> (six hours) <b>Actuarial Statistics</b> DR S. M. PITTS Tu. Th. 11, <i>MR11</i> <b>Survival Data ++</b> DR P. TREASURE Tu. Th. 10, <i>MR12</i>	<b>Applied Statistics (continued)</b> DR B. D. M. TOM Tu. Th. 10, <i>MR12</i> (four lectures and four classes)

Candidates will be expected to have attended the basic courses (marked \*) and an appropriate number of courses (and all will receive advice individually about this). Subject to the approval of the M.Phil. examiners, they may also offer for examination any Part III courses given by the Statistical Laboratory.

+These two courses constitute the twenty-four hour course in Time Series and Monte Carlo Inference

++These two courses constitute the sixteen hour course in Biostatistics

**M.PHIL. IN COMPUTATIONAL BIOLOGY**Lectures are held in the *Centre for Mathematical Sciences*, unless otherwise stated

<b>Disease Dynamics</b> DR J. GOG AND OTHERS Tu. Th. 10, <i>MR15</i> <b>Genome Informatics</b> DR L. SMINK M. 9–11, <i>CATAM Lab.</i> <b>Functional Genomics</b> PROF. S. TAVARÉ AND OTHERS M. W. 12–2, <i>MR15 and CATAM Lab</i> <b>Structural Biology</b> DR J. HUPPERT AND OTHERS W. F. 10, <i>MR15</i>	<b>Statistical Genetics</b> PROF. S. TAVARÉ AND DR V. PLAGNOL W. F. 9, <i>MR12</i> <b>System Biology</b> DR G. VINNICOMBE AND DR J. PAULSSON M. W. 2–4, <i>MR5</i> <b>Network Biology</b> PROF. L. WERNISCH AND DR A. TESCHENDORF Tu. 10, <i>MR5</i> and F. 10 <i>MR12</i> <b>Computational Neuroscience</b> DR S. EGLEN Tu. Th. 12, <i>MR15</i>	<b>Methods and Models in Genomics</b> DR P. LIO W. F. 11–1, <i>MR15</i>
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