

Faculty of Mathematics (continued)

M.PHIL. IN STATISTICAL SCIENCE

Lectures are held in the *Centre for Mathematical Sciences*, unless otherwise stated

MICHAELMAS 2006

LENT 2007

EASTER 2007

Introduction to Probability
DR M. TEHRANCHI Tu. Th. 9, *MR 12*
Statistical Theory*
DR R. J. SAMWORTH Tu. Th. 10, *MR 12*
Mathematics of Operational Research*
PROF. R. R. WEBER M. W. F. 12, *MR 9*

Applied Statistics*
DR S. M. PITTS Tu. Th. 12, *MR 12* (Eight lectures and eight classes)
Tu. Th. 10, *MR 12* (Four lectures and four classes)
Advanced Financial Models
DR D. P. KENNEDY M. W. F. 9, *MR 9*
Stochastic Networks
PROF. F. P. KELLY M. W. F. 10, *MR 4*
Applied Multivariate Analysis
PROF. S. P. BROOKS M. W. 11, *MR 14*

Time Series+
DR S. PITTS M. W. F. 9, *MR 12* (Eight lectures)
Monte Carlo Inference+
DR R. B. GRAMACY AND DR R. J. SAMWORTH
M. W. F. 9, *MR 12* (Sixteen lectures, starting 7 Feb.)
Survival Data++
DR F. P. TREASURE Tu. Th. 10, *MR 12* (Ten lectures and two classes, starting 23 Jan.)
Actuarial Statistics
DR S. M. PITTS Tu. Th. 11, *MR 12*
Statistics in Medical Practice++
DR S. BIRD, DR V. FAREWELL AND DR D. SPIEGELHALTER W. 4–6 p.m., *MR 13* (Six hours)
Nonparametric Statistical Theory
DR R. J. SAMWORTH M. W. 12, *MR 12*

Applied Statistics (continued)
DR B. D. M. TOM

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

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Disease Dynamics
DR J. GOG AND OTHERS Th. 10–12, Nov. 2, 9, 23, 30
MR 15
Genome Informatics
DR L. SMINK Tu. 9–11, *Computer Laboratory, CMS*
Functional Genomics
DR S. EGMEN W. 11–1, *MR 15*

Seminar Series
W. 2–4, *MR 5*

Disease Dynamics
DR J. GOG AND OTHERS Th. 10–11, *MR 12*
(Eight hours)
Statistical Methods in Bioinformatics
PROF. S. TAVARÉ AND OTHERS M. W. 10–11,
MR 15
Computational Neuroscience
DR S. EGMEN Th. 2–4, *MR 12*
Monte Carlo Inference
DR R. B. GRAMACY AND DR R. J. SAMWORTH
M. W. F. 9, *MR 12* (Sixteen lectures, starting 7 Feb.)
Seminar Series
W. 2–4, *MR 5*

Systems Biology
DR J. PAULSSON AND PROF. S. TAVARÉ M. Tu.
W. Th. 4–6, *MR 5* (Sixteen hours)
Methods and Models in Genomics
DR P. LIO W. F. 11–1, *MR 5*

OTHER MEETINGS

A meeting will be held on 5 October 2006 at 2 p.m. in *MR 4* for new supervisors (primarily those new to Cambridge).
A seminar will be held on 10 October 2006 at 2 p.m. in *MR 4* for all supervisors.