Lectures Proposed by the Board of the Faculty of Mathematics

For particulars of the University Composition Fee and the fees payable for attendance at separate courses of lectures see p. 2. Graduates of the University who are not reading for any University Examination may attend without payment any lectures proposed by the Faculty Board of Mathematics.

MATHEMATICAL TRIPOS

Lectures for Part IA of the Mathematical Tripos will be held in the *Cockcroft Lecture Theatre* unless otherwise stated.

Lectures Proposed by the Board of the Faculty of Mathematics. Graduates of the University who are not reading for any University Examination may attend without payment any lectures proposed by the Faculty Board of Mathematics.

First year mathematics students are recommended to attend the induction session which will be held from 9.30 a.m. to 10.45 a.m. on 8 October 2003, *in the Cockcroft Lecture Theatre.*

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PART IA

Algebra and Geometry. PROF. P. H. HAYNES AND PROF. T. W. KÖRNER M. Tu. W. Th. F. S. 10 Differential Equations. PROF. D. O. GOUGH Tu. Th. S. 11 Numbers and Sets. PROF. W. T. GOWERS M. W. F. 11 **Non-Examinable Courses** Introduction to Physics***. DR M. G. WORSTER M. W. 9 (Twelve lectures) *Mill Lane Room 9* Topics in the History of Mathematics. DR P. BURSILL-HALL M. W. F. 4 *Mill Lane Room 9*	Analysis I. DR A. F. BEARDON Tu. Th. S. 10 Probability. PROF. F. P. KELLY M. W. F. 11 Vector Calculus. DR S. T. C. SIKLOS Tu. Th. S. 11 Dynamics. DR J. A. HUDSON M. W. F. 10	Numerical Analysis*. DR A. SHADRIN M. W. F. 12 (Twelve lectures) *Mill Lane Room 3* Special Relativity*. DR M. B. GREEN W. F. 10 (Eight lectures) Optimization*. DR D. P. KENNEDY Tu. Th. S. 11 (Twelve lectures) *Mill Lane Room 3* Metric and Topological Spaces*. PROF. B. J. TOTARO Tu. Th. S. 10 (Twelve lectures) *Mill Lane Room 9* Computational Projects**. DR N. NIKIFORAKIS M. W. F. 11 (Six lectures)

Mathematics with Computer Science Option:

Students taking this option should attend Algebra and Geometry, Analysis I, Vector Calculus, Differential Equations and Probability from Part IA of the Mathematical Tripos, together with the courses from the Computer Science Tripos listed below. Students should note that the programming exercises will be taken into account by the Examiners.

Introduction to Computer Science. PROF. I. M. LESLIE Th. 12 (One lecture) Foundations of Computer Science. DR A. C. NORMAN Tu. Th. S. 12 (Fifteen lectures, beginning 11 Oct.) Discrete Mathematics. DR P. ROBINSON Tu. Th. S. 12 (Eight lectures, beginning 15 Nov.) Practical ML under Windows. DR F. H. KING, MISS C. H. NORTHEAST AND MR R. J. STIBBS TH. 2–4 *or* 4–6 (Two Thursday classes) *Lecture Theatre 1, William Gates Building* Programming Practical Class. DR A. C. NORMAN AND DR F. H. KING Th. 2–4 (Three fortnightly classes, beginning 23 Oct. *or* 30 Oct.) *Cockcroft Building, Floor 4* Assessed Exercise Work. M. or Tu. or W. 2–4 *Cockcroft Building, Floor 4*	 The same continued. DR P. ROBINSON Tu. Th. S. 12 (Eight lectures) Programming in Java. DR A. F. BLACKWELL Tu. Th. S. 12 (Sixteen lectures, beginning 3 Feb.) Programming Practical Class. DR F. H. KING Th. 2–4 (One class, 15 Jan. *or* 22 Jan.) *Cockcroft Building, Floor 4*	Operating Systems. DR S. M. HAND Tu. Th. S. 12 Examination Briefing. DR F. H. KING W. 10 (One lecture,19 May) *Hopkinson Lecutre Room* Programming Practical Class. DR F. H. KING AND DR A. F. BLACKWELL Th. 1–4 (Two fortnightly classes, beginning 22 Apr. *or* 29 Apr.) *Cockcroft Building, Floor 4* Assessed Exercise Work. M. or Tu. or W. 2–4 *Cockcroft Building, Floor 4*

* Not examined in Part IA of the Tripos.

** Not examined in Part IA of the Tripos. CATAM (Computer-Aided Teaching of All Mathematics) practical sessions will be held during the last two weeks of full Easter Term. Examination credit in Part IB for this course will be gained by the submission of project files, and no question will be set on it in the examination. The maximum credit available will be approximately equivalent to that for a normal course of 16 lectures, and will be added directly to the credit obtained in the written papers.

*** This course assumes no prior knowledge of A-level Physics.

Faculty of Mathematics (continued)

MATHEMATICAL TRIPOS, PART IA (continued) AND PART IB

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How to Study Computer Science.
DR A. C. NORMAN AND OTHERS   Th. 5 (One lecture, 23 Oct.) *Arts School, Room A*

UNIX Registration.
DR F. H. KING, MISS C. H. NORTHEAST AND MR R. J. STIBBS   Th. *or* F. 2–4.30 (One class, 29 Jan. *or* 30 Jan. *or* 5 Feb.) *Lecture Theatre 1, William Gates Building*

Tick-Four Briefing.
DR F. H. KING   Th. 5 (One lecture, 31 Oct) *Hopkinson Lecture Room*

Programming Practical Class.
DR F. H. KING AND DR A. C. NORMAN   Th. 2–4 (Two fortnightly classes, beginning 12 Feb. or 19 Feb.) *Cockcroft Building, Floor 4*

Help Sessions.
TBA   Th. 4 (Four classes, beginning 6 Nov.) *Hopkinson Lecture Room*

Assessed Exercise Work.   M. or Tu. or W. 2–4 *Cockcroft Building, Floor 4*

Mathematics with Physics Option:

Students taking this third option should attend Algebra and Geometry, Analysis I, Vector Calculus, Differential Equations and Probability from Part IA of the Mathematical Tripos, together with the lectures listed below in Part IA of the Natural Sciences Tripos (Course B version). They will be required to do Physics practical work, and are recommended to attend at least the first lecture of Course B of the Computing Course for Physical Scientists.

Mechanics and Relativity.
DR S. R. JULIAN   M. W. F. 9 (first twenty lectures) *Chemical Laboratory, Lensfield Road*

Fields, Oscillations and Waves.
DR J. RILEY   M. W. F. 9 (first sixteen lectures) *Chemical Laboratory, Lensfield Road*

Fields, Oscillations and Waves.
DR J. RILEY   M. W. F. 9 (last four lectures) *Chemical Laboratory, Lensfield Road*

Statistics and Quantum Physics.
DR P. ALEXANDER   M. W. F. 9 (last eight lectures) *Chemical Laboratory, Lensfield Road*

Statistics and Quantum Physics.
DR P. ALEXANDER   M. W. F. 9 (Twelve lectures) *Chemical Laboratory, Lensfield Road*

A meeting will be held for all Part IA students on Friday 2 May 2003 at 2 p.m. in Mill Lane Room 3 to discuss examinations and examination techniques.

MATHEMATICAL TRIPOS PART IB

Analysis II.
DR G. P. PATERNAIN   Tu. Th. S. 11 *Room 9*
Methods.
DR N. PEAKE   M. W. F. 9 *Room 3*
Linear Algebra.
DR J. M. E. HYLAND   M. W. F. 10 *Room 9*
Fluid Dynamics.
PROF. E. J. HINCH   Tu. Th. 10 *Room 9*
Quantum Mechanics.
DR A. P. A. KENT   Tu. Th. 12 *Room 3*
Markov Chains.
PROF. Y. SUHOV   M. W. F. 12 *CMS Meeting Room 2* (First twelve lectures)

Statistics.
PROF. R. R. WEBER   W. F. 11 *Room 3*
Electromagnatism.
DR A. J. MACFARLANE   Tu. Th. S. 10 (first sixteen lectures, ending 20 Feb.) *Room 9*
Special Relativity.
DR R. WILLIAMS   Tu. Th. S. 10 (last eight lectures, beginning 22 Feb.) *Room 9*
Fluid Dynamics.
DR N. BERLOFF   Tu. Th. 11 *Room 3*
Complex Methods.
DR F. QUEVEDO   Tu. Th. 9 Room 3
Quantum Mechanics.
DR R. WILLIAMS   M. W. F. 10 *Room 9* (Sixteen lectures)
Further Analysis.
PROF. P. T. JOHNSTONE   M. F. 9 *Room 3*
Groups, Rings and Modules.
DR J. SAXL   M. W. F. 12 *Room 3*

Numerical Analysis.
DR A. SHADRIN   M. W. F. 12 (Twelve lectures) *Room 3*
Geometry.
PROF. P. M. H. WILSON   M. W. F. 11 (Twelve lectures) *Cockcroft Lecture Theatre*
Optimization.
DR D. P. KENNEDY   Tu. Th. S. 11 (Twelve lectures) *Room 9*

Faculty of Mathematics (continued)

MATHEMATICAL TRIPOS, PART II

Candidates for Part II may offer either Alternative A or Alternative B.
All lectures will be held in the *Centre for Mathematical Sciences meeting rooms (MR), Clarkson Road* unless otherwise stated.

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ALTERNATIVE A

Graph Theory.
DR T. A. FISHER   M. W. 9 *MR 3*

Electromagnetism.
PROF. N. O. WEISS   M. W. 9, S. 12 *MR 5*

Mathematical Methods.
DR P. D. D'EATH   Tu. Th. 11 *MR 2*
Functional Analysis.
DR A. M. STACEY   M. W. F. 11 MR 9
Algorithms and Networks.
DR A. M. STACEY   Tu. Th. 10 *MR 4*
Statistical Physics and Cosmology.
DR E. P. S. SHELLARD   Tu. Th. 10 *MR 5*
Logic, Computation and Set Theory.
DR I. B. LEADER   Tu. Th.12 *MR 2,* and F. 9 *MR 3* (first sixteen lectures)
Foundations of Quantum Mechanics.
PROF. A. C. DAVIS   M. W. 11 *MR 2*
Principles of Statistics.
PROF. L. C. G. ROGERS   M. W. F. 10 *MR 2*
Markov Chains.
PROF. Y. SUHOV   M. W. F. 12 *MR 2*
Computational Projects.
DR R. E. HUNT AND OTHERS   M. W. F. 2 (Six lectures) *Mill Lane Room 9*
Number Theory.
DR A. CORTI   Tu. Th. 9 *MR 13*
Transport Processes.
PROF. T. J. PEDLEY   Tu. Th. 12 *MR 4*
Nonlinear Dynamical Systems.
PROF. M. R. E. PROCTOR   W. F. 10 *MR 3*

Computational Statistics and Statistical Modelling.
DR P. M. E. ALTHAM   M. Th. 9 *MR 14*
Theoretical Geophysics.
DR J. R. LISTER   M. W. 12 *MR 13*

Geometry of Surfaces.
PROF. N. I. SHEPHERD-BARRON   M. 9, F. 11 *MR 4*
Quantum Physics.
DR R. R. HORGAN   W. F. 9 *MR 5*
Groups, Rings and Fields.
PROF. C. B. THOMAS   M. W. F. 12 *MR3*
Numerical Analysis.
PROF. A. ISERLES   Tu. Th. S. 10 *MR 2*
Stochastic Financial Models.
PROF. L. C. G. ROGERS   Tu. Th. 11 *MR 2*
General Relativity.
PROF. G. W. GIBBONS   M. W. 11 *MR 2*
Non-Linear Waves and Integrable Systems.
PROF. T. FOKAS   Tu. Th. 12 *MR3*
Principles of Dynamics.
PROF. N. TUROK   M. W. F. 10 *MR3*

Symmetries and Groups in Physics.
DR M. DÖRRZAPF   M. Tu. Th. F. 11 (Twelve lectures) *MR 4*
Coding and Cryptography.
PROF. T. W. KORNER   M. Tu. Th. F. 10 (Twelve lectures) *MR 4*

ALTERNATIVE B

Probability and Measure.
PROF. G. R. GRIMMETT   M. W. F. 11 *MR 9*
Fluid Dynamics II.
PROF. H. HUPPERT   M. W. F. 12 *MR13*
Nonlinear Dynamical Systems.
PROF. M. R. E. PROCTOR   M. W. F. 10 *MR 3*
Electrodynamics.
DR J. STEWART   Tu. Th. 9 *MR 14*
Principles of Statistics.
PROF. L. C. G. ROGERS   M. W. F. 10 *MR 2*
Methods of Mathematical Physics.
DR S. T. C. SIKLOS   Tu. Th. S. 11 *MR 4*
Partial Differential Equations.
DR S. DEMOULINI   M.W. F. 12 *MR 3*
Optimization and Control.
DR A. M. STACEY   Tu. Th. 10 *MR 9*
Algebraic Topology.
PROF. W. B. R. LICKORISH   Tu. Th. 11 *MR 3*
Galois Theory.
PROF. A. J. SCHOLL   Tu. Th. 10 *MR 3*
Logic, Computation and Set Theory.
DR I. B. LEADER   Tu. Th. 12 *MR 2 and* F. 9 *MR 3*
Foundations of Quantum Mechanics.
PROF. A. C. DAVIS   M. W. 11 *MR 2*
Riemann Surfaces.
DR A. G. KOVALEV   M. W. 9 *MR 14*
Computational Projects.
DR R. E. HUNT AND OTHERS   M. W. F. 2 (Six lectures) *Mill Lane Room 9*

Hilbert Spaces.
DR D. J. H. GARLING   Tu. Th. 9 *MR 15*
Representation Theory.
DR C. TELEMAN   M. W. F. 12 *MR 5*
Waves in Fluid and Solid Media.
DR S. J. COWLEY   M. W. F. 12 *MR 9*
Statistical Physics.
PROF. N. S. MANTON   Tu. Th. 12 *MR 2*
Applications of Quantum Mechanics.
PROF. H. OSBORN   M. W. F. 10 *MR 2*
Algebraic Curves.
DR I. GROJNOWSKI   Tu. Th. 12 *MR 5*
Applied Probability.
PROF. Y. M. SUHOV   Tu. Th. 9 *MR 4*
Information Theory.
DR O. T. JOHNSON   M. W. 10 *MR 13*
Combinatorics.
DR A. G. THOMASON   W. 9, F. 11 *MR 15*
Numerical Analysis.
PROF. A. ISERLES   Tu. Th. S. 10 *MR 2*
Stochastic Financial Models.
PROF. L. C. G. ROGERS   Tu. Th. 11 *MR 2*
General Relativity.
PROF. G. W. GIBBONS   M. W. 11 *MR 2*
Number Fields.
PROF. J. H. COATES   M. F. 9 *MR 13*
Differential Manifolds.
DR I. SMITH   Tu. Th. 11 *MR 5*

A meeting will be held on Monday, 7 June 2004 for finalists who may continue to Part III of the Tripos in 2004–05. The meeting will be held in *MR2 at the Centre for Mathematical Sciences* at 11.15 a.m.

A meeting will be held on Monday, 26 April 2004 to discuss Part II Essay and Examination Techniques. The meeting will be held in *MR2 at the Centre for Mathematical Sciences* at 2.15 p.m.

Faculty of Mathematics (continued)

MATHEMATICAL TRIPOS, PART III

All lectures are held at the *Centre for Mathematical Sciences, Clarkson Road* unless otherwise stated.
There will be a meeting in *MR 2* on Wednesday 8 October 2003 at 9.30 a.m. for all those who intend to offer courses in Part III.

DEPARTMENT OF APPLIED MATHEMATICS AND THEORETICAL PHYSICS

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Quantum Field Theory.
 PROF. N. S. MANTON   Tu. Th. S. 9 *MR 2*
Symmetry and Particle Physics.
 PROF. H. OSBORN   M. W. F. 10 *MR 9*
Statistical Field Theory.
 DR R. R. HORGAN   Tu. Th. 12 *MR 9*
Introduction to Quantum Computation.
 PROF. A. EKERT   Tu. Th. 11 *MR9*
General Relativity.
 DR J. M. STEWART   M. W. F. 9 *MR 2*
Cosmology.
 PROF. A. C. DAVIS   Tu. Th. 10 *MR 2*
Local and Global Bifurcations.
 DR J. H. P. DAWES   Tu. Th. 5 *MR 14*
Stellar Magnetohydrodynamics.
 PROF. N. O. WEISS   M. W. F. 11 *MR 14*
Structure and Evolution of Stars.
 DR C. A. TOUT   M. W. F. 12 *MR 11*
Astrophysical Fluid Dynamics.
 PROF. J. E. PRINGLE   TU. Th. S 11 *MR 15*
Theory of Elastic Solids.
 PROF. J. R. WILLIS   Tu. Th. 12 *MR 11*
Numerical Solution of Differential Equations.
 PROF. A. ISERLES   M. W. F. 11 *MR 5*
Computer-aided Geometric Design.
 DR M. SABIN   Tu. Th. 11 *MR 11*
Slow Viscous Flow.
 DR J. R. LISTER   M. W. F. 10 *MR 11*
Large-scale Atmosphere-Ocean Dynamics.
 PROF. P. H. HAYNES   M. W. F. 12 *MR 15*
Environmental Fluid Dynamics.
 DR S. DALZIEL AND DR LEPPINEN   M. W. F. 9 *MR 11*

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Advanced Quantum Field Theory.
 DR J. M. EVANS   Tu. Th. S. 11 *MR 3*
Standard Model.
 DR R. THORNE   Tu. Th. S. 10 *MR 9*
Supersymmetry and Extra Dimensions.
 DR F. QUEVEDO   M. W. F. 10 *MR 9*
String Theory.
 DR D. BERMAN   Tu. Th. 9 *MR 3*
Quantum Information Science.
 DR A. P. A. KENT   Tu. Th. 12 *MR13*
Black Holes.
 DR M. J. PERRY   M. W. F. 11 *MR 9*
Applications of Differential Geometry to
    Physics.
 PROF. G. W. GIBBONS   M. W. F. 9 *MR 2*
Advanced Cosmology.
 PROF. N. G. TUROK AND OTHERS   M. W. F. 12
    MR 4
Boundary Value Problems for Integrable PDEs.
 PROF. A. S. FOKAS   Tu. Th. 10 *MR 4*
Dynamo Theory.
 PROF. M. R. E. PROCTOR   M. W. F. 12 *MR 14*
Galaxies and Dark Matter.
 PROF. G. F. GILMORE   M. W. F. 10 *MR 11*
Approximation Theory.
 DR A. SHADRIN   Tu. Th. S. 11 *MR 13*
Seismic Waves.
 DR A. J. HAINS   Tu. Th. 11 *MR 15*
Physical Cosmology.
 DR CARSWELL AND PROF. PETTINI   M. W. F. 9
    MR 9
Asymptotic Methods in Fluid Mechanics.
 DR S. COWLEY AND DR N. PEAKE   M. W. F. 9
    MR 11
Fluid Mecahnics of Swimming Organisms.
 PROF. T. J. PEDLEY   Tu. Th. 9 *MR 11*

Non-Newtonian Fluid Mechanics.
 DR J. M. RALLISON   Tu. Th. 12 *MR 15*
Granular Flows.
 PROF. E .J. HINCH   M. W. 11 *MR 15*
  (Non-examinable, but essays will be set)
Demonstrations in Fluid Mechanics.
 DR S. B. DALZIEL   Th. 2 *Fluids Lab, CMS*
  (Non-examinable, but essays will be set)

EASTER 2004

Solitons and Instantons.
 DR M. DUNAJSKI   M. Tu. Th. F. 11 *MR 11*
Branes.
 PROF. P. K. TOWNSEND   M. Tu. Th. F. 10 *MR 5*
Accretion Discs.
 DR G. I. OGILVIE   M. Tu. Th. F. 12 *MR 15*

Faculty of Mathematics (continued)

MATHEMATICAL TRIPOS, PART III (continued)

MICHAELMAS 2003	LENT 2004	EASTER 2004

DEPARTMENT OF PURE MATHEMATICS AND MATHEMATICAL STATISTICS

A number of courses given by the Statistical Laboratory are available both to candidates for Part III and for the M.Phil. in Statistical Science.

Noetherian Algebras.
DR C. J. B. BROOKES   M. W. F. 9 *MR 9*
Topics in Group Theory.
DR N. F. J. INGLIS   Tu. Th. S. 11 *MR 5*
Introduction to Integrable Systems.
DR M. MAZZOCCO   M. W. 10 *MR 13*
Introduction to Functional Analysis.
PROF. T. W. KÖRNER   Tu. Th. S. 12 *MR 12*
Harmonic Analysis.
DR D. J. H. GARLING   M. W. F. 10 *MR 15*
Class Field Theory.
DR T. FISHER   Tu. Th. 10 *MR 13*
Probabilistic Combinatorics.
DR A. G. THOMASON   M. W. F. 12 *MR 4*
Ramsey Theory.
DR I. B. LEADER   M. W. 11 *MR 15*
Differential Geometry.
DR A. KOVALEV   M. W. F. 11 *MR 13*
Algebraic Geometry.
PROF. N. I. SHEPHERD-BARRON   Tu. Th. S. 9 *MR 4*
Algebraic Topology.
DR I. SMITH   M. W. F. 12 *MR 5*
Knot Theory.
PROF. W. B. R. LICKORISH   M. W. F. 9 *MR 13*
Category Theory.
PROF. P. T. JOHNSTONE   Tu. Th. S. 10 *MR 11*

Courses given by the Statistical Laboratory
Advanced Probability.
DR O. HRYNIV   Tu. Th. S. 11 *MR 12*
Poisson Processes.
PROF. SIR JOHN KINGMAN   M. W. 11 *MR 12*
Stochastic Calculus and Applications.
DR M. J. LOULAKIS   M. W. F. 10 *MR 12*
Mathematics of Operational Research.
PROF. R. R. WEBER   M. W. F. 12 *MR 12*
Advanced Financial Models.
DR D. P. KENNEDY   M. W. F. 9 *MR 4*

Applied Statistics.
DR P. M. E. ALTHAM   Tu. Th. 9 (Eight lectures and eight
classes) *MR 5*
Survival Data Analysis+.
DR F. P. TREASURE   Tu. Th. 10 (Ten lectures and two
classes) Starting 14 October *MR 12*
Actuarial Statistics.
DR S. M. PITTS   Tu. Th. 12 *MR 5*

Pro-p Groups.
DR R. D. CAMINA   M. W. F. 10 *MR 5*
Modular Representations of Finite Groups.
DR S. MARTIN   M. W. F. 11 *MR 4*
Conformal Mappings.
DR A. F. BEARDON   M. W. F. 12 *MR 15*
Banach Algebras.
DR G. R. ALLAN   M. W. F. 10 *MR 4*
Topics in Combinatorics.
PROF. W. T. GOWERS   M. W. F. 9 *MR 3*
Spectral Geometry.
DR D. BARDEN   Tu. Th. S. 10 *MR 5*
Riemannian Geometry.
DR G. PATERNAIN   M. W. F. 11 *MR 13*
Lie Groups.
PROF. C. B. THOMAS   Tu. Th. 9 *MR 13*
Topological Methods in Algebraic Geometry.
PROF. B. TOTARO   Tu. Th. S. 11 *MR 4*
Intersection Cohomology.
DR J. WOOLF   M. W. F. 9 *MR 4*
Set Theory.
DR T. FORSTER   Tu. Th. S. 10 *MR 13*
Modular Forms.
PROF. A. SCHOLL   Tu. Th. 12 *MR 4*
Cyclotomic Fields.
PROF. J. H. COATES   M. W. F. 12 *MR 11*
Finite Dimensional Lie Algebras and their
Representations.
DR I. GROJNOWSKI   Tu. Th. S. 10 *MR 11*

Courses given by the Statistical Laboratory
Large Deviations and Queues.
DR D. J. WISCHIK   Tu. Th. 11 *MR 12*
Quantum Information Theory.
PROF. Y. SUHOV AND DR N. DATTA   M. W. F. 11
MR 14
Mathematical Models in Financial
Management.
PROF. M. A. H. DEMPSTER   Tu. Th. 9 *MR 12*
Mathematical Methods in General Equilibrium
Theory.
DR C. HARA   M. W. 9 *MR 12*
Case Studies in Medical Statistics+.
DR S. BIRD, DR V. FAREWELL AND DR D.
SPIEGELHALTER   W. 4–6 p.m. (three
lectures) *MR 11*

Statistical and Population Genetics.
DR D. CLAYTON, DR H. CORDELL AND PROF. S.
TAVARE   M. 4–6 p.m. *MR 11*
Time Series.
DR O. HRYNIV   M. W. F. 11 (eight lectures) *MR
12*
Monte Carlo Inference.
DRS S. P. BROOKS AND R. DEARDON
M. W. F. 11 (sixteen lectures starting 3 Feb.) *MR
12*
Statistical Theory.
DR R. J. SAMWORTH   M. W. F. 10 *MR 12*
Applied Multivariate Analysis.
DR P. M. E. ALTHAM   Tu. Th. 12 *MR 12*

Applied Statistics. (continued)
DR B. M. D. TOM   Tu. Th. 10 (Four lectures
and four classes) *MR 12*

+ These two courses constitute the sixteen hour course in Bionstatistics

There is a series of meetings for Part III students in MR 2, Centre for Mathematical Sciences, at 4.15 p.m. on the following topics:
15 October 2003: PhD applications to Cambridge and other universities
22 October 2003: Exams and lectures
29 October 2003: How to write a Part III essay
26 November 2003: Research opportunities in Cambridge