

## Lectures proposed by the Board of the Faculty of Mathematics

### MATHEMATICAL TRIPPOS

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.

Part IA students are recommended to attend the induction session which will be held from 9.30 a.m. to 10.45 a.m. on Wednesday 6 October 2010, in the *Cockcroft Lecture Theatre*.

A meeting will be held for all Part IA students on Friday 6 May 2011 at 2.00 p.m. in *Mill Lane Room 3* to discuss examinations and examination techniques.

Note that the non-examinable course on **Topics in the History of Mathematics** will be of interest to all students reading the Mathematical Tripos. Full details are given below.

MICHAELMAS 2010

LENT 2011

EASTER 2011

### PART IA

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

#### **Numbers and Sets**

PROF. A. G. THOMASON  
M. W. F. 10

#### **Groups**

PROF. J. SAXL  
M. W. F. 11

#### **Vectors and Matrices**

DR S. J. COWLEY  
Tu. Th. S. 10

#### **Differential Equations**

PROF. M. G. WORSTER  
Tu. Th. S. 11

#### *The following courses are non-examinable*

##### **Introduction to Mechanics**

DR S. T. C. SIKLOS  
Tu. Th. 12, Arts School, Room B, Bene't Street (Ten lectures)

##### **Topics in the History of Mathematics: Ancients to the Renaissance**

DR P. BURSILL-HALL  
W. F. 4, Centre for Mathematical Sciences, MR3

#### **Vector Calculus**

DR J. M. EVANS  
M. W. F. 11

#### **Dynamics and Relativity**

DR S. T. C. SIKLOS  
M. W. F. 12, Arts School, Room A, Bene't Street

#### **Analysis I**

PROF. G. P. PATERNAIN  
Tu. Th. S. 10

#### **Probability**

PROF. G. R. GRIMMETT  
Tu. Th. S. 11

#### *The following course is non-examinable*

##### **Topics in the History of Mathematics: Renaissance to the 19th Century**

DR P. BURSILL-HALL  
W. F. 4, Centre for Mathematical Sciences, MR3

#### **Metric and Topological Spaces\***

DR I. SMITH  
M. W. F. 9, Mill Lane Room 3 (Twelve lectures)

#### **Variational Principles\***

DR D. M. A. STUART  
M. W. F. 10, Mill Lane Room 3 (Twelve lectures)

#### **Optimisation\***

PROF. Y. M. SUHOV  
M. W. F. 11, Mill Lane Room 3 (Twelve lectures)

#### **Computational Projects\***

DR S. J. COWLEY  
Tu. Th. 10 (Eight lectures)

#### *The following courses are non-examinable*

##### **Topics in the History of 19th Century Mathematics**

DR P. BURSILL-HALL ET AL.  
W. F. 4, Centre for Mathematical Sciences, MR3

#### **Concepts in Theoretical Physics**

DR N. G. BERLOFF ET AL.  
Tu. Th. 11 (Eight lectures)

\* Examined in Part IB of the Tripos

### **Mathematics with Physics Option:**

Students taking this third option should attend Vectors and Matrices, Groups, Differential Equations, Analysis I, Vector Calculus and Probability from Part IA of the Mathematical Tripos, together with the lectures listed page 165 in Part IA Physics of the Natural Sciences Tripos. They will be required to do Physics practical work, and should attend at least the first lecture of Course B of the Computing Course for Physical Scientists.

**Faculty of Mathematics (continued)****MATHEMATICAL TRIPPOS, PART IB**

Lectures for Part IB of the Mathematical Tripos will be held in *Mill Lane Lecture Rooms, Room 3* unless otherwise stated.

MICHAELMAS 2010	LENT 2011	EASTER 2011
<b>Methods</b> PROF. R. JOZSA M. W. F. 9 <b>Analysis II</b> PROF. A. J. SCHOLL M. W. F. 10 <b>Linear Algebra</b> DR T. A. FISHER M. W. F. 11 <b>Markov Chains</b> PROF. F. P. KELLY Tu, Th. 10 (Twelve lectures) <b>Quantum Mechanics</b> PROF. N. DOREY Tu, Th. 11	<b>Complex Analysis</b> PROF. J. M. E. HYLAND M. F. 9 <b>Groups, Rings and Modules</b> DR R. D. CAMINA M. W. F. 10 <b>Statistics</b> DR R. J. SAMWORTH M. W. 11 <b>Complex Methods</b> PROF. G. W. GIBBONS M. W. 12 <b>Geometry</b> PROF. B. J. TOTARO Tu, Th. 9 <b>Numerical Analysis</b> DR S. J. COWLEY Tu, Th. 10 <b>Electromagnetism</b> DR N. G. BERLOFF Tu, Th. 11 <b>Fluid Dynamics</b> PROF. H. E. HUPPERT Tu, Th. 12	<b>Metric and Topological Spaces</b> DR I. SMITH M. W. F. 9 (Twelve lectures) <b>Variational Principles</b> DR D. M. A. STUART M. W. F. 10 (Twelve lectures) <b>Optimisation</b> PROF. Y. M. SUHOV M. W. F. 11 (Twelve lectures)

*The following course is non-examinable*

**Topics in the History of Mathematics: Ancients to the Renaissance**

DR P. BURSILL-HALL  
W. F. 4, *Centre for Mathematical Sciences, MR3*

*The following course is non-examinable*

**Topics in the History of Mathematics: Renaissance to the 19th Century**

DR P. BURSILL-HALL  
W. F. 4, *Centre for Mathematical Sciences, MR3*

*The following course is non-examinable*

**Topics in the History of 19th Century Mathematics**

DR P. BURSILL-HALL ET AL.  
W. F. 4, *Centre for Mathematical Sciences, MR3*

**Faculty of Mathematics (continued)****MATHEMATICAL TRIPOS, PART II**

Lectures will be held in the Meeting Rooms (MR) of the *Centre for Mathematical Sciences, Clarkson Road*, unless otherwise stated.

A meeting will be held on Wednesday 15 June 2011 for finalists who may continue to Part III of the Tripos in 2011–12. The meeting will be held in *MR2 at the Centre for Mathematical Sciences* at 11.15 a.m.

MICHAELMAS 2010

LENT 2011

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**C COURSES**

**Cosmology**  
PROF. E. P. S. SHELLARD  
M. W. F. 10, *MR3*

**Dynamical Systems**  
PROF. M. R. E. PROCTOR  
Tu. Th. S. 9, *MR3*

**Topics in Analysis**  
DR N. WICKRAMASEKERA  
Tu. Th. S. 10, *MR4*

**Number Theory**  
PROF. J. H. COATES  
Tu. Th. S. 11, *MR2*

**Classical Dynamics**  
DR P. D. D'EATH  
Tu. Th. S. 12, *MR3*

**Computational Projects**  
DR S. J. COWLEY  
M. 11 Oct. 2–3.30, *MR2* (One lecture)

**Statistical Modelling**  
DR R. NICKL AND DR J. COSMA  
M. W. F. 9, *MR4*

**Coding and Cryptography**  
PROF. T. W. KÖRNER  
M. W. F. 10, *MR4*

**Further Complex Methods**  
PROF. A. FOKAS  
M. W. F. 12, *MR3*

**Mathematical Biology**  
PROF. P. H. HAYNES  
Tu. Th. S. 9, *MR4*

**Geometry and Groups**  
DR T. K. CARNE  
Tu. Th. S. 11, *MR3*

**D COURSES**

**Fluid Dynamics**  
PROF. E. J. HINCH  
M. W. F. 9, *MR3*

**Linear Analysis**  
PROF. B. J. GREEN  
M. W. F. 9, *MR4*

**Logic and Set Theory**  
PROF. I. B. LEADER  
M. W. F. 10, *MR2*

**Principles of Statistics**  
PROF. A. P. DAWID  
M. W. F. 10, *MR4*

**Galois Theory**  
DR T. YOSHIDA  
M. W. F. 11, *MR3*

**Partial Differential Equations**  
PROF. P. A. MARKOWICH  
M. W. F. 11, *MR4*

**Principles of Quantum Mechanics**  
PROF. B. ALLANACH  
M. W. F. 12, *MR2*

**Probability and Measure**  
DR N. BERESTYCKI  
M. W. F. 12, *MR3*

**Riemann Surfaces**  
PROF. P. M. H. WILSON  
Tu. Th. 9, *MR4*

**Optimisation and Control**  
PROF. R. R. WEBER  
Tu. Th. 9, *MR5*

**General Relativity**  
DR R. M. WILLIAMS  
Tu. Th. 10, *MR2*

**Electrodynamics**  
PROF. M. J. PERRY  
Tu. Th. 11, *MR3*

**Graph Theory**  
DR P. A. RUSSELL  
Tu. Th. S. 12, *MR2*

*The following courses are non-examinable*

**Laboratory Demonstrations in Fluid Dynamics**

DR S. B. DALZIEL  
Tu. or Th. 2, *Fluids Laboratory* (Four sessions,  
beginning 21 or 26 Jan.)

**Topics in the History of Mathematics: Ancients to the Renaissance**

DR P. BURSILL-HALL  
W. F. 4, *MR3*

**Waves**  
PROF. J. R. LISTER  
M. W. F. 9, *MR3*

**Differential Geometry**  
DR A. G. KOVALEV  
M. W. F. 9, *MR2*

**Statistical Physics**  
DR D. TONG  
M. W. F. 10, *MR3*

**Stochastic Financial Models**  
PROF. L. C. G. ROGERS  
M. W. F. 11, *MR3*

**Numerical Analysis**  
DR C. B. SCHÖENLIEB  
M. W. F. 11, *MR5*

**Representation Theory**  
DR S. MARTIN  
M. W. F. 12, *MR4*

**Applied Probability**  
PROF. Y. M. SUHOV  
M. W. F. 12, *MR5*

**Algebraic Topology**  
PROF. P. T. JOHNSTONE  
Tu. Th. S. 9, *MR3*

**Integrable Systems**  
DR M. DUNAJSKI  
Tu. Th. 10, *MR3*

**Number Fields**  
PROF. N. I. SHEPHERD-BARRON  
Tu. Th. 10, *MR4*

**Asymptotic Methods**  
PROF. N. S. MANTON  
Tu. Th. 11, *MR4*

**Applications of Quantum Mechanics**

PROF. R. R. HORGAN  
Tu. Th. S. 12, *MR2*

**Algebraic Geometry**  
PROF. I. GROJNOWSKI  
Tu. Th. S. 12, *MR3*

*The following course is non-examinable*

**Topics in the History of Mathematics:  
Renaissance to the 19th Century**

DR P. BURSILL-HALL  
W. F. 4, *MR3*

*The following course is non-examinable*

**Topics in the History of 19th Century  
Mathematics**

DR P. BURSILL-HALL ET AL.  
W. F. 4, *MR3*

## 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 *MR2* on Wednesday 6 October 2010 at 9.30 a.m. for all those who intend to offer courses in Part III.

There is a series of meetings for Part III students in *MR2*, Centre for Mathematical Sciences on Wednesdays at 4.15 p.m. Students are invited to refer to the Part III Handbook for more details.

#### MICHAELMAS 2010

#### LENT 2011

#### EASTER 2011

<b>Algebraic Topology</b> DR I. SMITH M. W. F. 9, <i>MR2</i>	<b>Topics in Representation Theory</b> DR C. J. B. BROOKES M. W. F. 9, <i>MR9</i>	<b>Solitons</b> DR D. M. STUART M. Tu. Th. F. 12, <i>MR11</i>
<b>Statistical Field Theory</b> PROF. R. R. HORGAN M. W. 9, <i>MR5</i>	<b>Stellar and Planetary Magnetic Fields</b> PROF. M. R. E. PROCTOR M. W. F. 9, <i>MR11</i>	<b>Quantum Foundations</b> DR A. P. A. KENT M. W. 2–4, <i>MR12</i>
<b>Geophysical and Environmental Fluid Dynamics</b> DR S. B. DALZIEL M. W. F. 9, <i>MR11</i>	<b>Biostatistics</b> DR P. TREASURE M. W. F. 9, <i>MR12</i> (Ten lectures, beginning 21 Jan., and two classes) PROF. D. SPIEGELHALTER, PROF. S. BIRD AND PROF. V. T. FAREWELL W. 4–6 (Weeks 1–3)	
<b>Statistical Theory</b> DR R. NICKL M. W. F. 9, <i>MR12</i>	<b>Hodge Theory</b> DR A.-S. KALOGHIROS M. W. F. 9, <i>MR13</i>	
<b>Cosmology</b> PROF. J. D. BARROW AND DR A. D. CHALLINOR M. W. F. 10, <i>MR5</i>	<b>Applications of Differential Geometry to Physics</b> PROF. G. W. GIBBONS M. W. F. 9, <i>MR14</i>	
<b>Category Theory</b> PROF. P. T. JOHNSTONE M. W. F. 10, <i>MR9</i>	<b>Solidification of Fluids</b> PROF. M. G. WORSTER AND DR J. A. NEUFELD M. W. F. 9, <i>MR15</i>	
<b>Slow Viscous Flow</b> PROF. J. R. LISTER M. W. F. 10, <i>MR11</i>	<b>Topos Theory</b> DR O. CARAMELLO M. W. F. 10, <i>MR5</i>	
<b>Quantum Information Theory</b> DR N. DATTA, DR B. GROISMAN AND DR J. OPPENHEIM M. W. F. 10, <i>MR12</i>	<b>String Theory</b> PROF. M. J. PERRY M. W. F. 10, <i>MR2</i>	
<b>Differential Geometry</b> DR A. G. KOVALEV M. W. F. 10, <i>MR13</i>	<b>Analytic Topics in Group Theory</b> PROF. B. J. GREEN M. W. F. 10, <i>MR9</i>	
<b>Reaction-Diffusion Equations</b> DR K. FELLNER M. W. 10, <i>MR14</i>	<b>Dynamics of Astrophysical Discs</b> DR G. I. OGILVIE M. W. 10, <i>MR11</i>	
<b>General Relativity</b> DR H. S. REALL M. W. F. 11, <i>MR2</i>	<b>Applied Bayesian Statistics</b> PROF. D. SPIEGELHALTER M. W. 10, <i>MR12</i> (Eleven lectures), <i>CATAM Room</i> (Five classes)	
<b>Introduction to Lie Algebras and their Representations</b> PROF. I. GROJNOWSKI M. W. F. 11, <i>MR9</i>	<b>Galois Cohomology</b> DR C. VIAL M. W. F. 10, <i>MR13</i>	
<b>Advanced Probability</b> DR I. BAILLEUL M. W. F. 11, <i>MR12</i>	<b>Fluid Dynamics of Energy</b> DR C. P. CAULFIELD AND PROF. A. W. WOODS M. W. F. 10, <i>MR15</i>	
<b>Numerical Solution of Differential Equations</b> PROF. A. ISERLES M. W. F. 11, <i>MR14</i>	<b>Supersymmetry</b> PROF. B. ALLANACH M. W. 11, <i>MR2</i>	
<b>Mathematics of Operational Research</b> PROF. R. R. WEBER M. W. F. 12, <i>MR4</i>	<b>Stochastic Networks</b> PROF. F. P. KELLY M. W. F. 11, <i>MR4</i>	
<b>Algebraic Geometry</b> PROF. B. J. TOTARO M. W. F. 12, <i>MR5</i>	<b>Elliptic Curves</b> DR T. DOKCHITSER M. W. F. 11, <i>MR9</i>	
<b>Symmetries and Particles</b> PROF. M. B. GREEN M. W. F. 12, <i>MR9</i>	<b>Galaxies</b> DR S. C. CHAPMAN M. W. F. 11, <i>MR11</i>	
<b>Astrophysical Fluid Dynamics</b> PROF. J. C. B. PAPALOIZOU M. W. F. 12, <i>MR11</i>	<b>Spectral Geometry</b> DR D. BARDEM. W. F. 11, <i>MR13</i>	
<b>Semigroups of Operators</b> DR D. J. H. GARLING M. W. F. 12, <i>MR13</i>	<b>Kac-Moody and Vivasoro Algebras</b> DR A. J. WASSERMANN M. W. F. 12, <i>MR2</i>	
<b>Soft Matter and Biological Physics</b> DR U. F. KEYSER M. W. F. 12.10, <i>Cavendish Laboratory</i>	<b>Applied Statistics</b> DR B. D. TOM M. W. 12, <i>MR9</i> (Four lectures), 2–4 (Four classes)	
<b>Control of Quantum Systems</b> DR S. G. SCHIMER M. W. 2, <i>MR14</i>	<b>Morse Homology</b> DR A. F. RITTER M. W. F. 12, <i>MR12</i>	
<b>Quantum Field Theory</b> PROF. N. S. MANTON Tu. Th. S. 9, <i>MR2</i>		
<b>Advanced Financial Models</b> DR M. TEHRANCHI Tu. Th. S. 9, <i>MR9</i>		
<b>Combinatorics</b> PROF. I. B. LEADER Tu. Th. 10, <i>MR3</i>		

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**Faculty of Mathematics (continued)****MATHEMATICAL TRIPPOS, PART III (continued)**

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<b>Physical Cosmology</b> PROF. M. PETTINI Tu. Th. S. 10, <i>MR5</i>	<b>Decision Problems in Group Theory</b> DR A. M. W. GLASS M. W. F. 12, <i>MR13</i>	
<b>Topics in Analysis</b> PROF. T. W. KÖRNER M. W. F. 9, <i>MR9</i>	<b>Planetary System Dynamics</b> DR M. C. WYATT M. W. F. 12, <i>MR14</i>	
<b>Local Fields</b> DR T. A. FISHER Tu. Th. 10, <i>MR13</i>	<b>Quantum Computation</b> PROF. R. JOZSA AND DR A. SHORT M. W. 12, <i>MR15</i>	
<b>Structure and Evolution of Stars</b> DR J. J. ELDRIDGE Tu. Th. S. 11, <i>MR5</i>	<b>The Standard Model</b> PROF. H. OSBORN Tu. Th. S. 9, <i>MR2</i>	
<b>Algebraic Number Theory</b> DR V. DOKCHITSER Tu. Th. S. 11, <i>MR9</i>	<b>Extremal Graph Theory</b> DR D. CONLON Tu. Th. 12, <i>MR4</i>	
<b>Percolation and Related Topics</b> PROF. G. R. GRIMMETT Tu. Th. 11, <i>MR12</i>	<b>Binary Stars</b> DR C. A. TOUT Tu. Th. 9, <i>MR11</i>	
<b>Commutative Algebra</b> DR S. J. WADSWELL Tu. Th. S. 12, <i>MR4</i>	<b>Time Series and Monte Carlo Inference (II) +</b> PROF. A. P. DAVID Tu. 9, <i>MR12</i>	
<b>Perturbation and Stability Methods</b> PROF. J. M. RALLISON AND PROF. N. PEAKE Tu. Th. S. 12, <i>MR11</i>	<b>Free Boundary Problems and Applications</b> DR N. MATEVOSIAN Tu. Th. 9, <i>MR13</i>	
<b>Time Series and Monte Carlo Inference (I) +</b> DR S. M. PITTS Tu. S. 12, <i>MR12</i> (Eight lectures)	<b>Recursion Theory</b> DR T. E. FORSTER Tu. Th. 9, <i>MR14</i>	
<b>Analysis of Boolean Functions</b> DR T. SANDERS Tu. Th. 12, <i>MR13</i>	<b>Black Holes</b> PROF. P. K. TOWNSEND Tu. Th. S. 10, <i>MR2</i>	
<b>Applied Statistics</b> DR S. M. PITTS Th. 12, <i>MR12</i> (Eight lectures), Tu. 2–4 (Eight classes)	<b>Schramm-Loewner Evolutions</b> DR N. BERESTYCKI Tu. Th. 10, <i>MR12</i>	
	<b>Non-Newtonian Fluid Dynamics</b> PROF. E. J. HINCH Tu. Th. 10, <i>MR14</i>	
	<b>Advanced Quantum Field Theory</b> PROF. N. DOREY Tu. Th. S. 11, <i>MR2</i>	
	<b>Modular Forms</b> PROF. A. J. SCHOLL Tu. Th. S. 11, <i>MR5</i>	
	<b>Optimal Investment</b> PROF. L. C. G. ROGERS Tu. Th. 11, <i>MR9</i>	
	<b>Analytical Methods for Boundary Value Problems and Medical Imaging</b> PROF. A. FOKAS M. W. 9, <i>MR5</i>	
	<b>Stochastic Calculus</b> DR M. TEHRANCHI Tu. Th. S. 12, <i>MR5</i>	
	<b>Advanced Cosmology</b> PROF. E. P. S. SHELLARD AND DR E. LIM Tu. Th. 12, <i>MR9</i>	
	<i>The following course is non-examinable</i>	
	<b>Demonstrations in Fluid Dynamics</b> DR S. B. DALZIEL Th. 2, <i>Fluids Laboratory</i>	

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

**Faculty of Mathematics (continued)****COURSES INTENDED FOR GRADUATES (NON-EXAMINABLE)**

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<b>Modul Spaces in Algebraic Geometry</b> PROF. N. I. SHEPHERD-BARRON M. W. F. 12, <i>MR12</i>	<b>L-Functions</b> PROF. J. H. COATES M. W. F. 12, <i>MR11</i>	<b>Computational Geometry</b> DR B. BUKH M. W. F. 10, <i>MR4</i>
<b>Set Theory</b> PROF. A. R. D. MATHIAS M. W. F. 12, <i>MR14</i>	<b>Algebraic Methods in Combinatorics</b> DR D. C. ELLIS Tu. Th. 10, <i>MR9</i>	<b>Gowers Uniformity Norms and Nilsequences</b> DR P. CANDELA M. W. F. 11, <i>MR4</i>
<b>Sigma Models and Mirror Symmetry</b> DR J. MCORIST M. 2, <i>MR9</i>	<b>Galois Modules</b> DR H. JOHNSTON Tu. Th. 10, <i>MR11</i>	<b>Discrete Gravity</b> DR R. M. WILLIAMS AND DR B. BAHR M. W. F. 11, <i>MR9</i>
<b>Control of Quantum Systems</b> DR S. G. SEHIVMER M. W. 2, <i>MR14</i>	<b>Topics in Geometric Analysis</b> DR N. WICKRAMASEKERA Tu. Th. 11, <i>MR11</i>	<b>Foliations on Three-Manifolds</b> DR A. JUHASZ M. 2.30–4, <i>MR4</i>
<b>Sporadic and Related Groups</b> DR R. PARKER Tu. Th. 9, <i>MR13</i>	<b>Quantum Fluids</b> DR N. G. BERLOFF Tu. Th. 11, <i>MR14</i>	<b>Lie Groups and Differential Equations</b> DR M. DUNAJSKI Tu. Th. 2, <i>MR9</i>
<b>Topics in Theoretical Physics</b> PROF. M. J. PERRY AND PROF. G. W. GIBBONS Tu. 2, <i>MR9</i>	<b>Class Field Theory</b> DR T. YOSHIDA Tu. Th. S. 12, <i>MR12</i>	<b>Hamiltonian Quantisation of Constrained Systems</b> DR P. D. D'EATH W. F. 2, <i>MR11</i>
<b>Elementary Measure Theory and Related Topics</b> PROF. T. W. KÖRNER Tu. 3–5, <i>MR15</i>	<b>Sequential Monte Carlo Methods</b> DR J. COSMA Tu. Th. 2, <i>MR4</i> (Eight lectures, beginning 10 Feb.)	
<b>Philosophy of Physics</b> DR J. N. BUTTERFIELD Th. 4.30–6, <i>MR13</i>	<b>Topics in Theoretical Physics</b> PROF. M. J. PERRY AND PROF. G. W. GIBBONS Tu. 2, <i>MR9</i>	
	<b>Frequentist Analysis of Nonparametric Bayes Procedures</b> DR R. NICKL Tu. 2–4, <i>MR12</i> (Eight lectures)	
	<b>Causal Inference</b> PROF. A. P. DAWID Th. 2, <i>MR12</i>	
	<b>Philosophy of Physics</b> DR J. N. BUTTERFIELD W. 4.30–6, <i>MR13</i>	

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

<b>Functional Genomics</b> DR B. CARVALHO, DR O. RUEDA, DR R. STARK W. 10, <i>MR15</i> , 11, <i>CATAM Room</i> , F. 10, <i>MR15</i>	<b>TBC</b> PROF. S. TAVARÉ Tu. 9–12, <i>MR15</i>	<b>Systems Biology</b> DR J. PAULSSON AND DR A. HILFINGER M. Tu. W. Th. 2–4 (weeks 1–2)
<b>Genome Informatics</b> DR G. MICKLEM ET AL. M. 10, <i>MR15</i> , 11, <i>CATAM Room</i> , Th. 3, <i>MR15</i>	<b>Network Biology</b> PROF. L. WERNISCH AND DR F. MARKOWETZ W. F. 11, <i>MR15</i>	
<b>Computational Neuroscience</b> DR S. EGLEN Tu. Th. 10, <i>MR15</i>	<b>Sequence Analysis</b> DR A. SCALLY M. F. 3, <i>MR15</i>	
<b>Scientific Programming</b> DR S. EGLEN M. 1, <i>MR15</i> , Tu. Th. 12, <i>MR15</i> , 1, <i>CATAM Room</i> (weeks 1–3)		