

Lectures Proposed by the Board of the Faculty of Earth Sciences and Geography

For particulars of the University Composition Fee and of the fees payable at for attendance separate courses of lectures, see p. 2.

Lectures will be delivered in the Department of Geography, unless otherwise stated. A detailed timetable will be displayed in the Department.

GEOGRAPHICAL TRIPOS

MICHAELMAS 2006

LENT 2007

EASTER 2007

PART IA

First year: for students intending to take Part IA in 2006–2007

Paper 1. People, Space and Geographies of Difference

DR A. JAMES (Three lectures)
DR A. JONES (Four lectures)

Geographical Skills and Methods Section:

Numerical Methods

PROF. H. GRAF (Eight lectures and eight practicals)

Documentary and Archival Data

DR A. REID (Two lectures and four practicals)

Paper 2. Historical Geography

PROF. R. SMITH (Four lectures)
DR P. HOWELL (Four lectures)

Paper 3. Society, Environment and Development

DR S. RADCLIFFE (Four lectures)
PROF. W. ADAMS (Four lectures)

Paper 4. Environmental Processes

PROF. H. GRAF (Four lectures)
DR J. BRASINGTON (Four lectures)

Paper 5. Environmental Change through Time

PROF. J. DOWDESWELL (Five lectures)
DR C. OPPENHIEMER (Five lectures)

Paper 1. People, Space and Geographies of Difference

DR M. WARRINGTON (Eight lectures)

Geographical Skills and Methods Section:

Spatial Data (GIS and Remote Sensing)

DR W. REES (Three lectures and four practicals)

Survey and Interview Methods

DR M. WARRINGTON, DR E. WATSON, DR M. GRAY,
DR J. DUNCAN (Five lectures and four
practicals preceded by an introductory
talk)

Paper 2. Historical Geography

DR G. KEARNS (Four lectures)
DR J. DUNCAN (Four lectures)

Paper 3. Society, Environment and Development

DR B. VIRA (Four lectures)
DR W. SMITH (Four lectures)

Paper 4. Environmental Processes

DR T. SPENCER (Four lectures)
DR H. ALLEN (Four lectures)

Paper 5. Environmental Change through Time

DR N. ARNOLD (Four lectures)
DR I. WILLIS (Four lectures)

Paper 1. People, Space and Geographies of Difference

DR M. WARRINGTON (One lecture)

Geographical Skills and Methods Section: Field, Laboratory and Desk-based Skills for Understanding the Physical Environment

DR H. ALLEN, DR T. SPENCER, DR T. BAYLISS-
SMITH, DR S. BOREHAM, DR S. TRUDGILL
(One lecture, 1 field trip, 1 laboratory
practical and two computer practicals)

Paper 2. Historical Geography

DR P. HOWELL (One lecture)
PROF. R. SMITH (Two lectures)

Field trips to examine hydrological and coastal
management issues in the local region

Faculty of Earth Sciences and Geography (continued)

GEOGRAPHICAL TRIPOS, PART 1B

MICHAELMAS 2006

LENT 2007

EASTER 2007

Second year: for students intending to take Part 1B in 2006-2007

Geographical Ideas: Open Book and Submitted Work:

DR G. KEARNS (Five lectures)
 PROF. W. ADAMS (Four lectures)

Geographical Skills and Methods*Research Design*

DR M. WARRINGTON, DR B. VIRA, DR E. WATSON, DR I.
 WILLIS, DR T. SPENCER

Project 2: *Survey and Interview Methods*

Component One: *Questionnaire survey design and analysis*

PROF. R. BENNETT (Two lectures, three practicals)

Project 5: *Sedimentology: Description and Environmental
 Interpretation of Sedimentary Deposits*

PROF. P. GIBBARD, DR S. BOREHAM, DR T. SPENCER (One
 lecture, one field trip, two laboratory practicals)

Paper 1. Human Geography I: Cities

DR G. KEARNS (Eight lectures)

Paper 2. Human Geography II: Understanding the Economy: Contemporary Geographies of Capitalism

PROF. R. MARTIN (Three lectures)

DR A. JAMES (Five lectures)

Paper 3. Human Geography III: Development

ANO (Three lectures)

DR B. VIRA (Four lectures)

Paper 4. Human Geography IV: Geography and Public Policy

PROF. R. MARTIN (Three lectures)

PROF. R. HAINING (Two lectures, one practical)

DR M. WARRINGTON (Four lectures, one practical)

Paper 5. Human Geography V: Culture and Society

DR A. FITZGERALD (Three lectures)

DR S. RADCLIFFE (Four lectures)

Paper 6. Physical and Environmental Geography I: Earth Observation

DR W. REES (Four lectures)

DR C. OPPENHEIMER (Four lectures)

Two or more practicals to be arranged

Paper 7. Physical and Environmental Geography II: Glacial Processes, Landforms and Sediment

PROF. J. DOWDESWELL (Four lectures)

DR I. WILLIS (Four lectures)

Paper 8. Physical and Environmental Geography III: Environmental Hazards

MS S. DAMERY (Four lectures)

PROF. H. GRAF (Four lectures)

Paper 9. Physical and Environmental Geography IV: Catchment Systems

DR J. BRASINGTON (Eight lectures and two practicals)

Paper 10. Physical and Environmental Geography V: Biogeography and Biogeomorphology

DR T. SPENCER (Six lectures)

DR I. MOELLER (Two lectures)

Geographical Ideas: Open Book and Submitted Work:

DR T. SPENCER (Two lectures)
 DR M. BRAVO (Two lectures)
 PROF. P. GIBBARD (Two lectures)
 DR H. ALLEN (Two lectures)

Geographical Skills and MethodsProject 1: *Multivariate Methods in Geographical Research*

DR I. WILLIS (Five lectures and five computer
 laboratory classes)

Project 2: *Survey and Interview Methods*

Component Two: *Face to Face Interviews and
 their Interpretation*

DR S. RADCLIFFE (One lecture and one
 practicals)

Project 3: *Geographical Interpretations of some Historical Sources*

DR M. BRAVO (One lecture, three computer
 practicals)

Project 4: *Water Quality: Field and Laboratory Procedures in Water Quality Analysis*

DR S. TRUDGILL AND DR S. BOREHAM (Three
 lectures and three laboratory classes)

Paper 1. Human Geography I: Cities

DR P. HOWELL (Eight lectures)

Paper 2. Human Geography II: Understanding the Economy: Contemporary Geographies of Capitalism

PROF. R. MARTIN (Two lectures)

DR M. GRAY (Two lectures)

Paper 3. Human Geography III: Development

DR E. WATSON (Eight lectures)

Paper 4. Human Geography IV: Geography and Public Policy

PROF. R. MARTIN (Three lectures)

PROF. R. HAINING (Four lectures, three
 practicals)

Paper 5. Human Geography V: Culture and Society

DR J. S. DUNCAN (Four lectures)

DR S. A. RADCLIFFE (Five lectures)

Paper 6. Physical and Environmental Geography I: Earth Observation

DR W. REES (Four lectures)

DR C. OPPENHEIMER (Four lectures)

Two or more practicals to be arranged

Paper 7. Physical and Environmental Geography II: Glacial Processes, Landforms and Sediment

DR N. ARNOLD (Four lectures)

PROF. P. GIBBARD (Two lectures)

Paper 8. Physical and Environmental Geography III: Environmental Hazards

DR C. OPPENHEIMER (Four lectures)

DR I. WILLIS (Four lectures)

Paper 9. Physical and Environmental Geography IV: Catchment Systems

ANO (Eight lectures)

Paper 10. Physical and Environmental Geography V: Biogeography and Biogeomorphology

DR H. ALLEN (Four lectures, two hour visit to
 Sedgwick Museum)

DR S. TRUDGILL (Four lectures)

Geographical Ideas: Open Book and Submitted Work:

DR T. BAYLISS-SMITH (Two lectures)

Five Field Classes - Easter Vacation

(Switzerland, Berlin, Morocco, Algarve and
 Majorca)

Paper 10. Physical and Environmental Geography V: Biogeography and Biogeomorphology

Field Class: Wicken Fen Nature Reserve -
 Conservation Management in practice

Faculty of Earth Sciences and Geography (continued)

GEOGRAPHICAL TRIPOS PART II

MICHAELMAS 2006

LENT 2007

EASTER 2007

Third year: for students intending to take Part II in 2006–2007

Paper 1: Human Geography I: The Human Geography of the UK: The Restructuring of Britain
 PROF. R. MARTIN (Eight lectures)

Paper 2. Human Geography II: The New Europe: People, Places and Politics
 DR M. WARRINGTON (Eight lectures)

Paper 3. A Prescribed Topic or Topics in Geography I: Environment and Development in the Global South
 DR E. MAWDSLEY (Eight lectures)

Paper 4. A Prescribed Topic or Topics in Geography II: The Social Engagement with Nature
 DR S. TRUDGILL (Four lectures)
 DR T. BAYLISS-SMITH (Four lectures)

Paper 5. The Geography of a Prescribed Area or Areas I: State, Land and Resources in SubSaharan Africa
 DR E. WATSON (Six lectures)
 PROF. W. ADAMS (Two lectures)

Paper 6. The Geography of a Prescribed Area or Areas II: State and Society: Latin America and South Asia
 DR S. RADCLIFFE (Four lectures)
 DR B. VIRA (Five lectures)

Paper 7. Historical Geography I: The Historical Geography of the AIDS Pandemic
 DR G. KEARNS (Six lectures)

Paper 8. Historical Geography II: Historical Demography
 PROF. R. SMITH (Eight lectures)

Paper 9. A Prescribed Topic or Topics in Geography III: The Human Geography of the Arctic Regions
 DR T. BAYLISS-SMITH (Six lectures)

Paper 10. A Prescribed Topic or Topics in Geography IV: Fluvial System
 ANO (Eight lectures)

Paper 11. A Prescribed Topic or Topics in Environmental Geography: Environment, Politics and Society
 PROF. S. OWENS (Eight lectures)

Paper 1: Human Geography I: The Human Geography of the UK: The Restructuring of Britain
 PROF. R. MARTIN (Eight lectures)

Paper 2. Human Geography II: The New Europe: People, Places and Politics
 DR M. WARRINGTON (Seven lectures)

Field Trip to Birmingham TBA

Paper 3. A Prescribed Topic or Topics in Geography I: Environment and Development in the Global South
 DR E. MAWDSLEY (Eight lectures)

Paper 4. A Prescribed Topic or Topics in Geography II: The Social Engagement with Nature
 DR S. TRUDGILL (Four lectures)
 DR P. VITEBSKY (Four lectures)

Field Trip TBA

Paper 5. The Geography of a Prescribed Area or Areas I: State, Land and Resources in SubSaharan Africa
 PROF. W. ADAMS (Four lectures)
 DR W. SMITH (Two lectures)

Paper 6. The Geography of a Prescribed Area or Areas II: State and Society: Latin America and South Asia
 DR S. RADCLIFFE (Five lectures)
 DR B. VIRA (Four lectures)

Paper 7. Historical Geography I: The Historical Geography of the AIDS Pandemic
 DR G. KEARNS (Eight lectures)

Paper 8. Historical Geography II: Historical Demography
 PROF. R. SMITH (Eight lectures)

Paper 9. A Prescribed Topic or Topics in Geography III: The Human Geography of the Arctic Regions
 DR P. VITEBSKY (Six lectures)
 DR M. TYRELL (Four lectures)

Paper 10. A Prescribed Topic or Topics in Geography IV: Fluvial System
 DR J. BRASINGTON (Eight lectures)

Plus practicals

Paper 11. A Prescribed Topic or Topics in Environmental Geography: Environment, Politics and Society
 PROF. S. OWENS (Eight lectures)
 MR B. SMITH (TBA)

Two hour workshop with Mr B. Smith (Deputy Chief Executive of Environment & Community Services, Cambs County Council)

Paper 5. The Geography of a Prescribed Area or Areas I: State, Land and Resources in SubSaharan Africa
 DR W. SMITH (Two lectures)

Paper 7. Historical Geography I: The Historical Geography of the AIDS Pandemic
 There will be a few optional extra talks related to the themes of the course

Paper 8. Historical Geography II: Historical Demography
 Revisions classes TBA

Faculty of Earth Sciences and Geography (continued)

GEOGRAPHICAL TRIPOS, PART II (continued)

MICHAELMAS 2006

LENT 2007

EASTER 2007

Paper 12. Physical Geography I: Morphodynamics of large-scale coastal systemsDR T. SPENCER (Two lectures)
DR I. MOELLER (Six lectures)**Paper 13. Physical Geography II: Volcanology**DR A. WOODS (Four lectures)
DR C. OPPENHEIMER (One lecture)**Paper 14. A Prescribed Topic or Topics in Geography V: Glacial Environments**DR I. WILLIS (Four lectures)
PROF. J. DOWDESWELL (Four lectures)**Paper 15. A Prescribed Topic or Topics in Geography VI: Quaternary Environments**PROF. P. GIBBARD (Three lectures)
DR R. PREECE (Two lectures)
DR L. SKINNER (Two lectures)
DR V. SWITSUR (Two lectures)

Field Trip TBA

Paper 12. Physical Geography I: Morphodynamics of large-scale coastal systems

DR T. SPENCER (Eight lectures)

Paper 13. Physical Geography II: VolcanologyDR C. OPPENHEIMER (Eight lectures)
DR P. BAXTER (Two lectures)

Two or more practical classes TBA

Paper 14. A Prescribed Topic or Topics in Geography V: Glacial EnvironmentsDR N. ARNOLD (Four lectures)
ANO (Four lectures)**Paper 15. A Prescribed Topic or Topics in Geography VI: Quaternary Environments**DR P. L. GIBBARD (Six lectures)
DR C. TURNER (Four lectures)

Field Trip TBA

M. PHIL. IN ENVIRONMENT AND DEVELOPMENT*All lectures to be delivered in the Department of Geography, at times to be arranged***Core Modules***Introduction: MPhil E&D*
DR E. WATSON (One hour)*Environment: Ethics and Policies*

DR S. OWENS, DR B. VIRA (Eighteen hours)

Culture, Society, and Development

DR E. WATSON, DR C. UPTON, DR S. RADCLIFFE, DR P. VITEBSKY, ANO (Sixteen hours)

Option Modules*Option 01: TBA*

ANO (Eight hours)

Conservation and Society

DR B. VIRA, PROF. W. ADAMS (Twelve hours)

Rural resources and Society

DR T. BAYLISS-SMITH, DR E. WATSON (Ten hours)

Option Modules*Option 01: TBA*

ANO (Eight hours)

*Conservation and Society*PROF. W. ADAMS (Two hours)
DR W. SMITH (Two hours)
DR J. HUTTON (Two hours)*Rural resources and Society*

DR E. WATSON (six hours)

Please see the Joint Schools Social Science Research Methods Course entry on (p. 244)

Faculty of Earth Sciences and Geography (continued)

M.PHIL. IN QUATERNARY SCIENCE

All lectures to be delivered in the Department of Geography, at times to be arranged

MICHAELMAS 2006	LENT 2007	EASTER 2007
<p>Core Lecture Course <i>Introduction to the Quaternary</i> PROF. P. GIBBARD (One hour)</p> <p><i>Background to Quaternary</i> DR R. MULVANEY (Four hours)</p> <p><i>The terrestrial stratigraphical record</i> PROF. P. GIBBARD (Four hours)</p> <p><i>Quaternary of the Tropics: Overview</i> DR S. GRIFFITHS</p> <p><i>Marine and Ice-core Records of Climate Change: Stratigraphy and Proxies</i> DR L. SKINNER (Four hours)</p> <p><i>Sea level changes and coastal evolution</i> DR T. SPENCER (Four hours)</p> <p><i>Dating Quaternary events</i> DR V. R. SWITSUR (Two hours)</p> <p><i>The Holocene</i> DR C. TURNER (Two hours)</p> <p><i>Soil Development as a function of climate</i> DR C. V. JEANS (Two hours)</p> <p><i>Floral and Faunal Change</i> DR PREECE (Four hours)</p> <p><i>Glacial-interglacial and sub- Milankovitch climate variability: the marine and ice-core records</i> DR SKINNER (Two hours)</p> <p><i>Quaternary Research Methods</i> DR R. C. PREECE, DR S. BOREHAM, PROF. P. GIBBARD (Eight hour lectures, with practicals, one field excursion)</p> <p><i>Quaternary Research Seminar</i> PROF. P. GIBBARD (Sixteen hours)</p>	<p>Core Lecture Course <i>Quaternary changes in the oceans</i> DR I. MCCAVE (Four hours)</p> <p><i>Terrestrial sedimentation</i> DR A. MOSCARIELLO (Four hours)</p> <p>OPTIONAL MODULES <i>Quaternary landscapes</i> PROF. P. GIBBARD (Six hours) DR C. TURNER (Two hours) (two practicals, one field trip)</p> <p><i>Quaternary Palaeoecology</i> DR C. TURNER (Four hours) DR R. PREECE (Four hours)</p> <p><i>Palaeoceanography and climate change</i> PROF. I. MCCAVE AND DR ELDERFIELD (Sixteen hours)</p> <p><i>Human evolution and diversity</i> DR M. LAHR (Sixteen hours)</p> <p><i>Continental system evolution during the Quaternary</i> DR A. MOSCARIELLO (Sixteen hours)</p> <p><i>Atmospheric models</i> PROF. H. GRAF (Six hours)</p>	

Please see the Joint Schools Social Science Research Methods Course entry on (p. 244)

M.PHIL IN G.I.S. AND REMOTE SENSING

All lectures to be delivered in the Department of Geography, at times to be arranged

<p><i>Fundamentals of IGIS</i> DR B. DEVEREUX, DR S. KEARSEY (Twelve hours)</p> <p><i>Physics of Remote Sensing</i> DR W. REES, DR C. OPPENHEIMER (Eight hours)</p> <p><i>High Resolution Molecular Spectroscopy (Optional course in Chemistry)</i> DR J. KEELER, PROF. J. KLINOWSKI (Ten hours)</p> <p><i>Image Processing</i> DR B. DEVEREUX, DR G. AMABLE (Eight hours and practicals)</p> <p><i>Spatial data analysis</i> PROF. R. P. HAINING, DR J. LAW (Ten hours, four practicals)</p> <p><i>Cartography and Design</i> DR W. REES, MR P. STICKLER (Two hours, two practicals)</p> <p><i>Environmental Impact Analysis</i> DR B. DEVEREUX (Eight hours and practicals, field class and student presentations)</p>	<p><i>Theory of Image Processing and Image Coding (Optional course in Engineering)</i> DR N. KINGSBURY, DR J. LASENBY (Sixteen hours)</p> <p><i>Field Techniques</i> MR A. WILSON, DR J. BRASINGTON, DR C. OPPENHEIMER, DR C. SHELL (Four hours, four practicals)</p> <p><i>Airborne remote sensing</i> DR A. K. WILSON, DR B. J. DEVEREUX, DR G. AMABLE (Eight hours and practicals)</p> <p><i>Cryospheric Remote Sensing</i> DR W. REES (Four hours)</p> <p><i>Volcanological Remote Sensing</i> DR C. OPPENHEIMER (Two hours, two practicals)</p> <p><i>Cartography and Design</i> DR W. REES, MR P. STICKLER (Two hours, two practicals)</p> <p><i>Passive Microwave Radiometry</i> DR K. SALEH-CONTELL (Two hours and practicals)</p>	
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Faculty of Earth Sciences and Geography (continued)

M.PHIL IN G.I.S. AND REMOTE SENSING (continued)

MICHAELMAS 2006

LENT 2007

EASTER 2007

Atmospheric Models (also for MPhil QS)
 PROF. H. GRAF (Three hours)

Modelling Socio-Economic Data
 PROF. R. HAINING, DR J. LAW (Six hours, two practicals)

Modelling Environmental Change
 DR F. GERARD, DR G. SMITH (Four hours, two practicals)

Biodiversity and Terrestrial Ecology
 DR F. GERARD, DR R. HILL AND DR B. DEVEREUX
 (Four hours, two practicals)

Coastal Environments
 DR G. SMITH, DR T. SPENCER, DR R. HILL (Four hours and practicals)

Cultural Landscapes and Historic Environment
 DR C. SHELL (Four hours, one field class)

Please see the Joint Schools Social Science Research Methods Course entry on (p. 244)

M.PHIL IN GEOGRAPHICAL RESEARCH

All lectures to be delivered in the Department of Geography, at times to be arranged

Option 1: GIS and Remote Sensing

DR G. AMABLE
 DR B. J. DEVEREUX
 PROF. R. P. HAINING
 DR S. KEARSEY
 DR J. LAW
 DR W. REES

Option 2: Environment and Development

PROF. W. ADAMS
 DR T. BAYLISS-SMITH
 DR E. MAWDSLEY
 PROF. S. OWENS
 DR S. RADCLIFFE
 DR P. VITEBSKY
 DR B. VIRIA
 DR E. WATSON

Option 3: Regional Political Economy

PROF. R. J. BENNETT
 DR A. JAMES
 PROF. R. MARTIN
 DR M. WARRINGTON

Option 4: Culture, history, space and place

DR P. HOWELL
 PROF. R. M. SMITH

Research Methods

The course provided by the Joint Schools Social Science Research Methods Course

Research Training

DR T. BAYLISS-SMITH
 PROF. R. J. BENNETT
 DR M. BITHEL
 DR P. GIBBARD
 DR A. JAMES
 PROF. K. S. RICHARDS
 MR R. CARTER
 DR M. WARRINGTON

Dissertation

Supervised by individual staff members

Option 1: GIS and Remote Sensing

DR G. AMABLE
 DR B. J. DEVEREUX
 PROF. H. GRAF
 PROF. R. P. HAINING
 DR S. KEARSEY
 DR J. LAW
 DR C. OPPENHEIMER
 DR C. SHELL
 DR W. REES

Option 2: Environment and Development

PROF. W. ADAMS
 DR T. BAYLISS-SMITH
 DR J. HUTTON
 DR W. SMITH
 DR E. WATSON

Option 3: Regional Political Economy

DR A. JAMES
 PROF. R. MARTIN
 DR M. WARRINGTON

Option 4: Culture, history, space and place

DR M. BRAVO
 DR P. HOWELL
 PROF. R. M. SMITH

Research Methods

The course provided by the Joint Schools Social Science Research Methods Course

Research Training

PROF. W. ADAMS
 DR B. DEVEREUX
 DR J. DOWDESWELL
 DR J. DUNCAN
 DR M. GRAY
 DR P. HOWELL
 DR G. KEARNS
 PROF. K. RICHARDS
 DR T. SPENCER
 DR E. WATSON
 DR M. WARRINGTON

Dissertation

Supervised by individual staff members

Dissertation

Supervised by individual staff members

Please see the Joint Schools Social Science Research Methods Course entry on (p. 244)