

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 2005

LENT 2006

EASTER 2006

Core Lecture Course*Introduction to the Quaternary*

DR P. L. GIBBARD (One hour)

Background to Quaternary

DR N. S. ARNOLD (Four hours)

The terrestrial stratigraphical record

DR P. L. GIBBARD (Four hours)

Quaternary of the Tropics: Overview

DR S. GRIFFITHS

The marine stratigraphical record

PROF. N. J. SHACKLETON (Two hours)

Ice Core Record

PROF. N. J. SHACKLETON (Two hours)

Sea level changes and coastal evolution

DR T. SPENCER (Four hours)

Dating Quaternary events

DR V. R. SWITSUR (Two hours)

The Holocene

DR H. D. ALLEN (Two hours)

Soil Development

DR C. V. JEANS (Two hours)

Floral and Faunal Change

DR R. C. PREECE (Four hours)

Ice core Records of Quaternary

DR L. SKINNER (Two hours)

Quaternary Research Methods

DR R. C. PREECE, DR S. BOREHAM, DR P. L. GIBBARD (Eight hour lectures, with practicals, one field excursion)

Quaternary Research Seminar

DR P. L. GIBBARD (Sixteen hours)

Core Lecture Course*Floral and Faunal Change*

DR C. TURNER (Two hours)

Quaternary changes in the oceans

DR T. MCCAVE (Four hours)

Terrestrial sedimentation

DR A. MOSCARIELLO (Four hours)

OPTIONAL MODULES*Quaternary landscapes*

DR P. L. GIBBARD (Twelve hours)

DR C. TURNER (Four hours) (two field trips)

Quaternary Palaeoecology

DR C. TURNER (Four hours)

DR R. C. PREECE (Eight hours)

*Palaeoceanography and climate change*PROF. I. MCCAVE, PROF. N. J. SHACKLETON,
DR ELDERFIELD (Sixteen hours)*Human evolution and diversity*

DR M. LAHR (Sixteen hours)

Science in Archaeology and Geoarchaeology

DR C. FRENCH (Eight hours) (and field trip)

Quaternary dating and tephrochronology

DR D. PYLE (Sixteen hours)

DR V. R. SWITSUR (Sixteen hours)

*Continental system evolution during the**Quaternary*

DR A. MOSCARIELLO (Sixteen hours)

Please see the Joint Schools Social Science Research Methods Course entry on (p. 240)

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

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

Fundamentals of Integrated GIS

DR B. DEVEREUX, DR S. KEARSEY (Twelve hours)

Environmental impact analysis

DR B. DEVEREUX (Eight hours, eight practicals)

Practical IGIS

DR G. S. AMABLE, DR B. DEVEREUX (Eight hours, eight practicals)

Spatial data analysis

PROF. R. P. HAINING, DR J. LAW (Ten hours, four practicals)

Field techniques

DR A. K. WILSON, DR C. A. SHELL (Two hours, two practicals)

Polar environments

DR W. G. REES (Four hours)

Cultural landscapes and historic environment

DR C. A. SHELL (Four hours, one practical)

*Atmospheric and land/atmosphere models*PROF. H.-F. GRAF, DR H. BALZTER (Seven hours,
two practicals)*Modelling socio-economic data in a GIS context*PROF. R. P. HAINING, DR J. LAW (Six hours,
two practicals)*Biodiversity and terrestrial ecology*DR F. GERARD, DR R. HILL, DR B. J. DEVEREUX
(Four hours, two practicals)*Modelling environmental change*DR F. GERARD, DR G. SMITH (Four hours,
two practicals)*Coastal environments*DR G. SMITH, DR T. SPENCER, DR R. HILL (Two
hours, two practicals)*Airborne remote sensing*DR A. K. WILSON, DR B. J. DEVEREUX (Two hours,
two practicals)

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