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 2004

Core Lecture Course
Introduction to the Quaternary
DR P. L. GIBBARD (One hour)

Climate – ocean interaction
DR N. S. ARNOLD (Eight hours)

The terrestrial stratigraphical record
DR P. L. GIBBARD (Four hours)

The marine stratigraphical record
PROF. N. J. SHACKLETON (Four hours)

Sea level changes and coastal evolution
DR T. SPENCER (Four hours)

Climate – ocean interaction
DR N. S. ARNOLD (Eight hours)

Dating Quaternary events
DR V. R. SWITSUR (Two hours)

Human impact
DR H. ALLEN (Four hours)

Diatoms and invertebrates as palaeoenvironmental indicators
DR PREECE (Two hours)

Soil Development
DR C. V. JEANS (Two hours)

Response of vegetation to climate change
DR PREECE (Two hours)

Marine micropalaeontology
DR M. HEAD (Two hours)

Vertebrates in the Quaternary record
DR STEWART

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)

LENT 2005

Core Lecture Course
Ocean records of temperature and Heinrich Events
DR MCCAVE (Four hours)

Quaternary of the Tropics
DR S. GRIFFITH

Terrestrial sedimentation
DR MOSCARIELLO (Four hours)

OPTIONAL MODULES
Quaternary landscapes
DR P. L. GIBBARD (Four hours)
DR C. TURNER (Four hours) (two field trips)

Quaternary Palaeoecology
DR C. TURNER (Four hours)
DR R. C. PREECE (Four hours)

Quaternary geochronology and tephrachronology
DR PYLE
DR SWITSUR

Palaeo-oceanography and palaeoclimate
PROF. I. MCCAVE, PROF. N. J. SHACKLETON, DR ELDERFIELD (Sixteen hours)

Human evolution and diversity
M. LAHR (Sixteen hours)

Continental system evolution
DR A. MOSCARIELLO (Sixteen hours)

EASTER 2005

Please see the Joint Schools Social Science Research Methods Course entry on (p. 246)

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

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

Core and specialist techniques modules
Fundamentals of GI science
DR B. DEVEREUX, PROF. R. HAINING AND DR S. KEARSEY (Sixteen hours lectures, sixteen practicals)

GIS Techniques
DR B. DEVEREUX AND DR G. AMABLE (Eight one hour lectures, and eight practicals)

Remote Sensing Techniques
DR B. DEVEREUX AND DR G. AMABLE (Sixteen hours lectures, eight practicals)

Core and specialist techniques modules
GIS Techniques
DR B. DEVEREUX AND DR G. AMABLE (Eight hours lectures, and eight practicals)

Remote Sensing Techniques
DR B. DEVEREUX AND DR G. AMABLE (Four hours lectures)

Applications module:
Earth system, atmosphere and volcanoes
DR G. REES AND DR C. OPPENHEIMER (Four hours lectures)

Modelling using socio-economic data in a GIS context
PROF. R. HAINING (Four hours lectures)

Landscape Ecology and Environmental Modelling
DR B. DEVEREUX AND MR R. M. FULLER (Monkswood)

Cryosphere
DR G. REES (Two hours lectures)

Archaelogical remote sensing and cultural resource management
DR C. SHELL (Two hours lectures)

Please see the Joint Schools Social Science Research Methods Course entry on (p. 246)