

Lectures proposed by The Joint Schools of Humanities and Social Sciences and Physical Sciences

Attendance at these lectures is normally only possible for those registered for an M.Phil within which this course is finally assessed.

Lectures will be delivered in the *Mill Lane Lecture Theatre* unless otherwise stated. IT Sessions will be in the *Titan Training Rooms 1 & 2, Phoenix Building, New Museums Site* as stated. Changes and amendments will be announced on JSSS website: <http://www.jsss.group.cam.ac.uk>

MICHAELMAS 2005

LENT 2006

EASTER 2006

General

PROF. R. J. BENNETT

Introduction to course and its organisation.
W. 5 Oct. 4–5 *Geog Large Lecture Theatre*

IT Sessions

DR P. CALLOW

SPSS 1: Introduction. F. 21 Oct. 2–5 *TTR2 repeated on*
M. 31 Oct. 2–5 *TTR2*

DR P. CALLOW

SPSS2: Management of data and output. F. 4
Nov. 2–5 *TTR2 repeated on* M. 23 Jan. 2–5 *TTR2*

Survey Methods

DR J. SCOTT

What is a survey: Introduction to survey design.
Tu. 11 Oct. 2–4 *Lecture Room 1, Mill Lane*

DR S. KANJI

Selection of respondents, sample design and non-
Response. Tu. 18 Oct. 2–4 *Lecture Room 1, Mill*
Lane

DR J. SCOTT

Modes of data collection; designing a standardised
questionnaire; survey interviewing. Tu. 25 Oct.
2–4 *Lecture Room 1, Mill Lane*

DR J. SCOTT

Designing questions: wording context, format and
response bias. Tu. 1 Nov. 2–4 *Lecture Room 1,*
Mill Lane

MS L. KAZEMIAN

Longitudinal designs. Tu. 8 Nov. 2–5 *Lecture Room 1,*
Mill Lane

DR J. SCOTT

Data archives. Accessing surveys BIRON. Primary vs.
secondary data. National and cross-national
surveys. Tu. 15 Nov. 2–4 *Lecture Room 1, Mill*
Lane

DR N. KETTLEY

Preparing survey data for analysis: Data entry,
management and processing. Tu. 22 Nov. 2–3
Maxwell Lecture Theatre 3–5 *TTR1/2*

DR N. KETTLEY

The Reporting of Survey Methods: Examples of Good
(and Bad) Practice in Analysis. Tu. 29 Nov. 2–3
Maxwell Lecture Theatre 3–5 *TTR1/2*

Statistical Methods**Basic Module**

MS L. KAZEMIAN

Frequencies, central tendency, variability. M. 7 Nov.
2–5 *TTR1 AND 2*

MS L. KAZEMIAN

Probability and the normal curve. M. 14 Nov. 2–5
TTR1 AND 2

DR M. EISNER

Comparing Means: T-Test and F-Test. M. 21 Nov. 2–5
TTR1 AND 2

IT Sessions

DR N. MORA-SITJA

Access 1: Introduction – designing a relational
database. M. 16 Jan 2–5 *TTR1 AND 2*

DR N. MORA-SITJA

Access 2: Creating tables and queries. Tu. 17
Jan. 2–5 *TTR1 AND 2*

DR N. MORA-SITJA

Access 3: Useful operations. W. 18 Jan. 2–5
TTR1 AND 2

DR P. CALLOW

SPSS 3: Getting the best out of SPSS. M. 30
Jan. 2–5 *TTR2 repeated on* M. 6 Feb. 2–5
TTR2

Statistical Methods**Module 1: Bivariate Association (OLS)**

MS L. KAZEMIAN

Interval Data: Correlation and partial
correlation. Tu. 24 Jan 2–5 *TTR1*

MS L. KAZEMIAN

Introduction to regression: Bivariate linear
regression. Tu. 31 Jan. 2–5 *TTR1*.

MS L. KAZEMIAN

Multivariate linear regression. Tu. 7 Feb.
2–5 *TTR1*

MS L. KAZEMIAN

Review of the Basic Module and Module 1.
Tu. 14 Feb. 2–5 *TTR1*

Statistical Methods**Module 2: Regression diagnostics**

MS L. KAZEMIAN

Advanced Multivariate Linear Regression
Diagnostics. Tu. 21 Feb. 2–5 *TTR1*

MS L. KAZEMIAN

Interaction Effects. Tu. 28 Feb. 2–5 *TTR1*

DR M. EISNER

Nonlinear Effects. Tu. 7 Mar. 2–5 *TTR1*

DR M. EISNER

Non-normality. Tu. 14 Mar. 2–5 *TTR1*

Module 3: Factor Analysis and cluster analysis

DR M. EISNER

Finding Patterns: Factor Analysis
Introduction. Tu. 24 Jan. 2–5 *TTR2*

DR M. EISNER

Finding Patterns: Factor Analysis
Applications. Tu. 31 Jan. 2–5 *TTR2*

DR M. EISNER

Finding Patterns: Cluster Analysis
Introduction. Tu. 7 Feb. 2–5 *TTR2*

DR M. EISNER

Finding Patterns: Cluster Analysis
Applications. Tu. 14 Feb. 2–5 *TTR2*

Statistical Methods**Module 5: Structural Equation Models**

DR PAULA KAUTT

Introduction to SEM: SEM basics, data
format. Tu. 2 May 2–5 *Phoenix*
Training Room

DR PAULA KAUTT

Models I: fitting models, latent variables.
Tu. 9 May 2–5 *Phoenix Training Room*

DR PAULA KAUTT

Models II: path models, confirmatory factor
analysis, diagrams. Tu. 16 May 2–5
Phoenix Training Room

DR PAULA KAUTT

Further applications: functional form,
diagnostics. Tu. 23 May 2–5 *Phoenix*
Training Room

Joint Schools of Humanities and Social Sciences and Physical Sciences (continued)

SOCIAL SCIENCE RESEARCH METHODS COURSE (continued)

MICHAELMAS 2005

LENT 2006

EASTER 2006

Statistical Methods**Basic Module**

DR M. EISNER

Nominal and ordinal data: Chi-Square and associated Measure of association regression. M. 28 Nov 2-5 *TTR1 AND 2*

Other Statistical Methods Modules**GIS – Module 1 Managing the Environment**

DR B. DEVEREUX

Environmental Impact Analysis.
Eight Lectures 11–12, and Practicals 12–1 beginning on Tu. 11 Oct – *SWHB/GIS Laboratory*

Module II: Monitoring the Environment

PROF. R. HAINING

Spatial data Analysis
Lectures 9–11 F. 7, 14, 28 Oct., 4, 11, 25 Nov
Practicals 9–11 F. 21 Oct., 18, 25 Nov

Qualitative Social Research Methods

PROF. R. J. BENNETT

Qualitative methods: core course: an introduction and Overview. M. 10 Oct. 2–3.30 *Lecture Room 1 Mill Lane*

DR D. WEINBERG

Epistemological Foundations of Qualitative Social Research. PART I M. 17 Oct. 2–3.30 *Lecture Room 1 Mill Lane*

DR D. WEINBERG

Epistemological Foundations of Qualitative Social Research. PART II M. 24 Oct. 2–3.30 *Lecture Room 1 Mill Lane*

Participant Observation and Ethnography

DR M. WALSH

Ethnographic research, past and present. W. 12 Oct. 2–4 *Lecture Room 4 Mill Lane*

DR M. WALSH

Participant observation and its challenges. W. 19 Oct. 2–4 *Lecture Room 4 Mill Lane*

DR J. LAIDLAW

Life histories, oral history and other narratives. W. 26 Oct. 2–4 *Lecture Room 4 Mill Lane*

PROF. M. STRATHERN

Charting relationships: genealogies, networks and other narratives. W. 2 Nov. 2–4 *Lecture Room 4 Mill Lane*

Selected qualitative methods

PROF. R. J. BENNETT

Collection and analysis of qualitative data. W. 9 Nov. 2–4 *Lecture Room 4 Mill Lane*

PROF. R. J. BENNETT

Focus Groups. W. 16 Nov. 2–4 *Lecture Room 4 Mill Lane*

PROF. R. J. BENNETT

Discourse Analysis: CAQDAS. W. 23 Nov. 2–4 *TTR2 repeated on F. 2 Dec. 11–1 TTR1*

MS W. SMITH

Using documents and discourse analysis. W. 30 Nov. 2–4 *Lecture Room 4 Mill Lane*

Statistical Methods**Module 4: Logistic Regression/Logit analysis**

DR K. MULLER-JOHNSON

Logistic regression I: Introduction, binary logistic Regression. M. 20 Feb. 2–5 *TTR 2*

DR K. MULLER-JOHNSON

Logistic regression II: applications. M. 27 Feb. 2–5 *TTR 2*

DR K. MULLER-JOHNSON

Loglinear analysis I: Introduction, model selection. M. 6 Mar. 2–5 *TTR2*

DR K. MULLER-JOHNSON

Loglinear analysis II: logit analysis. M. 13 Mar. 2–5 *TTR2*

Other Statistical Methods Modules**GIS – Module 3 Modelling the Environment**

PROF. R. HAINING

Modelling Socio-Economic data in a GIS context. 9–10 (Five lectures beginning 20 Jan.)

Qualitative Social Research Methods**Historical methods and sources**

DR C. MULDREW

Local Record Offices. W. 25 Jan. 2–4 *Lecture Room 4 Mill Lane*

MR B. NOBLETT

Parliamentary papers, government documents. W. 1 Feb. 2–4 *Morrison Room, University Library*

DR P. KITSON

Census, Parish Records. W. 8 Feb. 2–4 *Lecture Room 4 Mill Lane*

PROF. A. MACFARLANE

Personal records using diaries, letters, autobiographies and memoirs. W. 15 Feb. 2–4 *Lecture Room 4 Mill Lane*

Visual, Spatial and Materials sources

DR A. HENARE AND DR A. HERLE

Objects and material sources. W. 22 Feb. 2–4 *Lecture Room 4 Mill Lane*

PROF. A. MACFARLANE

Visual Methods in Research. W. 1 Mar. 2–4 *Lecture Room 4 Mill Lane*

DR J. DUNCAN

Landscape and spatial visualisations W. 8 Mar. 2–4 *Lecture Room 4 Mill Lane*

DR M. BRAVO

Cartographic sources. W. 15 Mar. 2–4 *Lecture Room 4 Mill Lane*