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

### 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
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**


**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
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

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
DR K. MULLER-JOHNSON
Loglinear analysis II: logit analysis. M. 13 Mar. 2–5 TTR 2

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 R. 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