

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*. Changes and amendments will be announced on JSSS website: <http://www.jsss.group.cam.ac.uk>

MICHAELMAS 2007

LENT 2008

EASTER 2008

General

PROF. R. J. BENNETT

Introduction to course and its organisation W. 3 Oct.
4-5 *Geog Large Lecture Theatre*

Quantitative Research Methods and Statistics

Foundations in Quantitative Methods and Statistics

Module 1: Designing Quantitative Studies

ZSOLT LAVICZA

Designing Quantitative Studies Tu. 9, 16, 23 and 30
Oct 2-4 *Lecture Room 1, Mill Lane*

Module 2: Designing Surveys

DR J. SCOTT

Introduction to survey design Tu. 6 Nov. 2-4 *Lecture Room 1, Mill Lane*

DR S. KANJI

Selection of respondents, sample design and non-response Tu. 13 Nov. 2-4 *Lecture Room 1, Mill Lane*

DR J. SCOTT

Modes of data collection; designing a standardised questionnaire. Tu. 20 Nov. 2-4 *Lecture Room 1, Mill Lane*

DR J. SCOTT

Designing questions: wording, context, format and response bias Tu. 27 Nov. 2-4 *Lecture Room 1, Mill Lane*

Module 3: SPSS and Descriptive Statistics

Z. LAVICZA

SPSS 1: Introduction to SPSS: basic statistical concepts M. 5 Nov. 2-5 *TTRI repeated on F. 9 Nov. 2-5 TTRI*

Z. LAVICZA

SPSS2: Statistical models and elementary data analysis with SPSS M. 12 Nov. 2-5 *TTRI repeated on F. 16 Nov. 2-5 TTRI*

Z. LAVICZA

SPSS 3: Management of data and output M. 19 Nov. 2-5 *TTRI repeated on F. 23 Nov. 2-5 TTRI*

Z. LAVICZA

SPSS 4: Getting the best out of SPSS M. 26 Nov. 2-5 *TTRI repeated on Th. 29 Nov. 2-5 TTRI*

Advanced Statistics and Research Methods Modules

Module 6: Exploratory and Confirmatory Factor Analysis

Z. LAVICZA

Exploratory Factor Analysis Introduction Tu. 6 Nov. 2-5 *TTRI*

Z. LAVICZA

Factor Analysis Applications Tu. 13 Nov. 2-5 *TTRI*

Z. LAVICZA

Confirmatory Factor Analysis Tu. 20 Nov. 2-5 *TTRI*

Z. LAVICZA

Review of EFA and CFA Tu. 27 Nov. 2-5 *TTRI*

Qualitative Research Methods**Introduction to database design and use**

DR N. MORA-SITJA

Access 1: Introduction – designing a relational database M. 14 Jan. 2-5 *TTRI and 2*

DR N. MORA-SITJA

Access 2: Creating tables and queries Tu. 15 Jan. 2-5 *TTRI and 2*

DR N. MORA-SITJA

Access 3: Useful operations W. 16 Jan. 2-5 *TTRI AND 2*

Doing Qualitative Interviews

DR M. BRAVO

Interview Planning - what to expect W. 23 Jan. 2-3.30 *Lecture Room 1 Mill Lane*

DR M. BRAVO

Methods of interpretation and coding W. 30 Jan. 2-3.30 *Lecture Room 1 Mill Lane*

DEEPTA CHOPRA

Interviews in Practice: A Case Study W. 6 Feb. 2-3.30 *Lecture Room 1 Mill Lane*

DR M. BRAVO

Evaluating Interviews context, format and response bias W. 13 Feb. 2-3.30 *Lecture Room 1 Mill Lane*

Selected Anthropological Methods

DR M. WALSH

Ethnographic research, past and present W. 20 Feb. 2-3.30 *Lecture Room 1 Mill Lane*

DR M. WALSH

Participant observation and its challenges W. 27 Feb. 2-3.30 *Lecture Room 1 Mill Lane*

DR A. HERLE

Objects and material sources W. 5 Mar. 2-4 *Museum of Arch & Anth.*

PROF. A. MACFARLANE

Visual Methods in Research W. 12 Mar. 2-4 *Lecture Room 1 Mill Lane*

Quantitative Research Methods and Statistics

Foundations in Quantitative Methods and Statistics

MODULE 4: Bivariate Associations

MS S. VAN MASTRIGT

Exploring Relationships with Continuous Data: Correlations M. 21 Jan. 2-5 *TTRI*

MS S. VAN MASTRIGT

Exploring Associations with Categorical Data: Chi-Square M. 28 Jan. 2-5 *TTRI*

MS S. VAN MASTRIGT

Exploring Differences Between two Groups/Conditions: T-tests M. 4 Feb. 2-5 *TTRI*

MS S. VAN MASTRIGT

Exploring Differences Between 3+ Groups/Conditions: ANOVA M. 11 Feb. 2-5 *TTRI*

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

SOCIAL SCIENCE RESEARCH METHODS COURSE (continued)

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Qualitative Research Methods

Qualitative methods: core course: introduction and overview

- PROF. R. J. BENNETT
 Overview of methods and their applications M. 8 Oct.
 2-3.30 *Lecture Room 1 Mill Lane*
- DR G. DUVEEN
 Epistemological Foundations of Qualitative Social
 Research PART I M. 15 Oct. 2-3.30 *Lecture Room
 1 Mill Lane*
- DR G. DUVEEN
 Epistemological Foundations of Qualitative Social
 Research PART II M. 22 Oct. 2-3.30 *Lecture Room
 1 Mill Lane*

Historical methods and sources

- DR C. MULDREW
 Local Record Offices W. 10 Oct. 2-3.30 *Lecture Room
 1 Mill Lane*
- MR B. NOBLETT
 Parliamentary papers, government documents W. 17
 Oct. 2-3.30 *Morrison Room, University Library*
- DR P. KITSON
 Census, Parish Records W. 24 Oct. 2-3.30 *Lecture
 Room 1 Mill Lane*
- TBC
 Personal records using diaries, letters, autobiographies
 and memoirs W. 31 Oct. 2-3.30 *Lecture Room 1
 Mill Lane*

Selected qualitative methods

- DEEPTA CHOPRA
 Introduction to discourse analysis W. 7 Nov. 2-3.30
Lecture Room 1 Mill Lane
- PROF. R. J. BENNETT
 Collection and analysis of qualitative data W. 14 Nov.
 2-3.30 *Lecture Room 1 Mill Lane*
- PROF. R. J. BENNETT
 Focus Groups W. 21 Nov. 2-3.30 *Lecture Room 1 Mill
 Lane*
- PROF. R. J. BENNETT
 Discourse Analysis: CAQDAS W. 28 Nov. 2-5 *TTR2*
repeated on Fri. 30 Nov. 2-5 TTR2

Other Statistical Methods Modules

- DR B. DEVERAUX AND DR S. KEARSEY
 Fundamentals of Integrated geographical information
 systems Th. 11-1, 4 Oct.-1 Nov., 22 Nov. and
 Th. 11-12, 8, 15 Nov.
- Practical classes W. 1-5, 10 Oct.-28 Nov.
- PROF. R. HAINING
 Spatial data analysis F. 9-11, 5, 12, 26 Oct., 9 Nov.,
 F. 9-10, 2, 23 Nov.
- Practical classes F. 9-11, 19 Oct., 16 Nov., F. 10-11,
 2, 23 Nov.

Module 5: Linear Regression

- Z. LAVICZA
 Review of covariance, correlations and
 comparison of means. Introduction to
 bivariate linear regression M. 18 Feb.
 2-5 *TTR1*
- Z. LAVICZA
 Multivariate linear regression M. 25 Feb.
 2-5 *TTR1*
- Z. LAVICZA
 Assessing regression models M. 3 Mar. 2-5
TTR1
- Z. LAVICZA
 Overview and summary of topics in
 regression. Exercises with SPSS. M. 10
 Mar. 2-5 *TTR1*

Module 7: Structural equation models

- Z. LAVICZA
 Introduction to SEM and AMOS M. 21 Jan.
 2-5 *TTR2*
- Z. LAVICZA
 CFA and Path Analysis M. 28 Jan. 2-5
TTR2
- Z. LAVICZA
 Fitting and models and model identification
 M. 4 Feb. 2-5 *TTR2*
- Z. LAVICZA
 Model testing with AMOS M. 4 Feb. 2-5
TTR2

Module 8 Randomized Field Experiments

- L. SHERMAN
 What experiments can do for your country: 10
 great field experiments Tu. 22 Jan. 2-5
TTR1
- L. SHERMAN
 Principles of experimental design and analysis
 Tu. 29 Jan. 2-5 *TTR1*
- L. SHERMAN
 Principles of experimental practice Tu. 5
 Feb. 2-5 *TTR1*
- L. SHERMAN
 The finished product: reporting each
 experiment, synthesizing all Tu. 12 Feb.
 2-5 *TTR1*

Module 9 Analysis of Variance

- DR M. EISNER
 Review of ANOVA M. 18 Feb. 2-5 *TTR1*
- DR M. EISNER
 Analysis of Covariance M. 25 Feb. 2-5 *TTR1*
- DR M. EISNER
 Analysis of Variance with Multiple IV's M.
 3 Mar. 2-5 *TTR1*
- DR M. EISNER
 Analysis of Variance with Multiple DV's M.
 10 Mar. 2-5 *TTR1*

Module 10 Time Series Analysis

- DR HELEN BAO
 Introduction to Time Series Tu. 19 Feb. 2-5
TTR1
- DR HELEN BAO
 Time Series Regression Tu. 26 Feb. 2-5
TTR1
- DR HELEN BAO
 Smoothing Tu. 4 Mar. 2-5 *TTR1*
- DR HELEN BAO
 Decomposition Methods Tu. 11 Mar. 2-5
TTR1