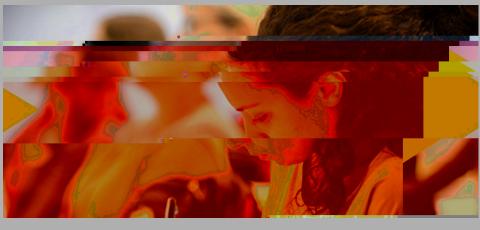
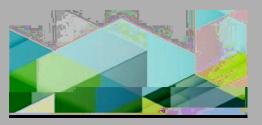
### Methods Summer Programme







Prerequisites



### **Course details**

Dates

Format

Assessment

Location

Teaching faculty

2016 Tuition fees



### How to contact us

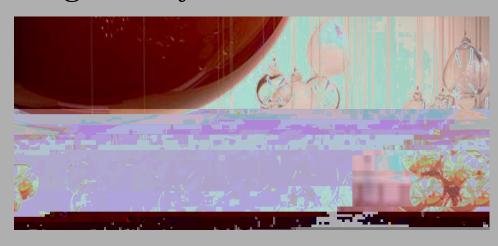
Teri Dunn Programme Executive

Methods Summer Programme London School of Economics Houghton Street London WC2A 2AE

Email: summer.methods@lse.ac.uk Tel: +44 (0) 20 7955 6422

Register your interest here

# ME401 Survey Research Methods: From Design to Analysis



Overview

Outline

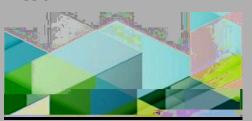
Teaching faculty

The social survey is a core methodology in the social sciences. Surveys allow researchers to measure attitudes, behaviours, values and norms. This means that survey data can be used to study a wide variety of research questions: including questions about variation between groups or variation over time.

This course will provide participants with a comprehensive understanding of survey research methods. It will focus on all aspects of the survey research process, from the design of surveys prior to data collection, up to and including the analysis of survey data and reporting of results. Participants will develop specialist knowledge about a range of issues, including different sources of bias, response psychology, measurement theory, and non-response.

By the end of the course, participants will have a greater ability to critically evaluate survey-based research, including both academic and non-academic publications. In addition, the course will provide a dynamic environment in which to develop a range of practical and technical skills. This includes the ability to design high quality surveys, and the confidence to analyse and interpret complex survey data using different statistical techniques. The aim is that participants will continue to benefit from the course throughout their careers, whether as consumers, users, or producers of research

Apply now



### Course details

**Dates** 

15-26 August 2016

**Format** 

Lectures (25 hours) Practical classes (18 hours)

Assessment

2-hour examination (optional)

Location

LSE's Central London Campus

**Teaching faculty** 

**Ben Wilson** 

Department of Methodology

2016 Tuition fees

Student rate: £1,435

Academic staff/charity rate: £2,030

Professional rate: £2,550

### **Course Suitability**

This course is ideal for advanced undergraduate students, graduate students, early-career academic researchers, and researchers in the public and private sector.

### **Course Benefits**

Participants will:

- Gain a comprehensive understanding of the entire survey research process.
- Be able to assess the quality of (1) existing surveys, (2) survey data analysis, and (3) reporting about the results of surveys e.g. in published research
- Gain the ability to carry out or commission high quality surveys.
- Gain an in-depth understanding of the different ways of conducting survey research, including face-to-face, internet, postal and telephone surveys.
- Learn about the fundamental links between concepts, measures and empirical data in the context of survey research. This includes how to define constructs, how to measure these constructs, and how to design questionnaires in order to minimise bias.
- Learn about survey data analysis, and gain practical experience of analysing survey data using regression models that take account of different aspects of survey design such as stratification and non-response.

### **Prerequisites**

Understanding of basic descriptive statistics and inference (e.g. t-tests, simple linear regression)





You may also be interested in...
Statistical Methods for Social Research
using SPSS
(15-26 August 2016)

### How to contact us

Teri Dunn Programme Executive

London School of Economics Houghton Street London WC2A 2AE

Email: summer.methods@lse.ac.uk

Tel: +44 (0)20 7955 6422

Register your interest here

## ME405 Qualitative Research Methods



Overview

Outline

**Testimonials** 

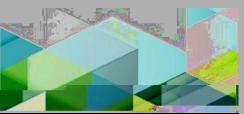
The purpose of this course is to equip students to sensitively and critically design, carry out, report, read, and evaluate qualitative research projects. It is taught by a team of qualitative research experts, who regularly use the methods which they teach, making the course particularly practical and realistic. It covers the full cycle of a qualitative research project, from design, to data collection, analysis, reporting and disseminating. The course has the dual aims of equipping students with both conceptual understandings of current academic debates regarding different methods, and the practical skills to put those methods into practice.

This course is ideal for postgraduates, academics and professionals with an interest in using qualitative methods to undertake social research.

This course will provide students with:

- a solid understanding of the core methods of qualitative data collection and analysis
- critical skills in interpreting and evaluating reports of qualitative studies
- experience in putting qualitative skills into practice
- realistic and practical teaching from established researchers who put these tools to use in their ongoing research projects

Apply now



15-26 August 2016

Lectures, classes and practical exercises

2-hour examination (optional)

LSE's Central London Campus

Department of Methodology

Student rate: £1,435

Academic staff/charity rate: £2,030

Professional rate: £2,550



The course assumes little or no knowledge of qualitative methods. There are no formal prerequisites, however applicants should be at postgraduate level or higher.





You may also be interested in...

(This course will next take place in Summer 2017)

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### Methods Summer Programme

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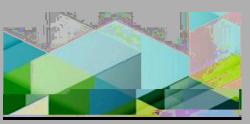
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### **Course details**

Dates

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Assessment

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Location

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Teaching faculty

Dr James Abdey ž łBi ł "# Ł ` " , ") "i Žfi Žfi"

2016 Tuition fees

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### **Course benefits**

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### **Prerequisites**

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### How to contact us

Teri Dunn Programme Executive

London School of Economics Houghton Street London WC2A 2AE

Email: summer.methods@lse.ac.uk Tel: +44 (0) 20 7955 6422

Register your interest here

# ME414 Introduction to Data Science and Big Data Analytics



Overview

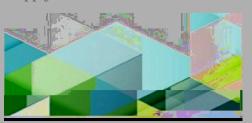
Outline

Teaching Faculty

Data Science and Big Data Analytics are exciting new areas that combine scientific inquiry, statistical knowledge, substantive expertise, and computer programming. One of the main challenges for businesses and policy makers when using big data is to find people with the appropriate skills. Good data science requires experts that combine substantive knowledge with data analytical skills, which makes it a prime area for social scientists with an interest in quantitative methods. This course integrates prior training in quantitative methods (statistics) and coding with substantive expertise and introduces the fundamental concepts and techniques of Data Science and Big Data Analytics.

Typical students will be Masters and PhD students from any field requiring the fundamentals of data science or working with typically large datasets and databases. Practitioners from industry, government, or research organisations with some basic training in quantitative analysis or computer programming are also welcome. Because this course surveys diverse techniques and methods, it makes an ideal foundation for more advanced or more specific training. Our applications are drawn from social, political, economic, legal, and business and marketing fields, rather than engineering or other sciences.

Apply now



15-26 August 2016

Lectures, practical classes

Problem sets 2-hour examination (optional)

LSE's Central London Campus

Department of Methodology

University College London

Student rate: £1,435 Academic staff/charity rate: £2,030 Professional rate: £2,550

### This course provides participants with:

- an understanding of the structure of datasets and databases, including "big data"
- the ability to work with datasets and databases
- an introduction to programming languages and basic skills in the R statistical program
- the ability to analyse data using statistical and machine learning methods.

Students should already be familiar with quantitative methods at an introductory level, up to linear regression analysis. Familiarity with computer programming or database structures is a benefit, but not formally required.



You may also be interested in...

(22-26 August 2016)





The residence is located in the historic borough of Southwark on the Thames' South Bank. A walk along the river will take you to the London Eye, the Houses of Parliament, St Paul's Cathedral, the Tate Modern, as well as the famous Borough Market. Bankside is a 25 minute walk from the School.

#### **Passfield House**

All Passfield House prices include an English breakfast.

- Single Basic shared bathroom are available for £37.50 per night. See more information about Passfield House residence.

The residence is located in Bloomsbury, one mile from the LSE and just south of Euston station. It is in a quiet area, just a 20 minute walk or a choice of three different bus routes from the School. Passfield is well-placed for the West End and all of the main attractions of central London. The British Museum and British Library are only a short walk away.

### **Carr-Saunders (only available in Week 1)**

All Carr-Saunders prices include an English breakfast.

- Single Basic shared bathroom are available for £37.50 per night See more information about Carr-Saunders residence.

The residence is located just off Tottenham Court Road and very near to Oxford Street. It is well-placed for the West End and the main attractions of central London Madame Tussauds and the British Museum are within easy reach, as well as shopping districts such as Covent Garden and Regent Street. Carr-Saunders is a 25 minute walk from the school.

### Northumberland House (only available in Week 2) All Northumberland House prices include a hot breakfast.

- Single en-suite rooms are available for £63.33 per night.
- Twin/Double (double occupancy) en-suite rooms are available for £87.33 per night See more information about Northumberland House.

Northumberland House is located in a historic listed building just off Trafalgar Square, a 15 minute walk away from LSE.

Attendees are also free to arrange their own accommodation.

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