

Design and Analysis of Surveys

Four-day course
9-14 February 2017

This course covers the principles and practice of designing surveys, and the analysis of data from them.

Topics: samples and populations, survey methods (face-to-face, mail, phone, online), questionnaire design, measurement, sources of error in surveys, sampling methods, non-response, sensitive questions, estimation of means and proportions, cross-tabulation of categorical data, analysis of ordinal responses.



Participants will benefit from having some understanding of statistics at an introductory level. For example, participants should know about confidence intervals. The course "Statistics for Research Workers" would be suitable preparation.

Outline and applications:
www.scc.ms.unimelb.edu.au/das.html
Venue: The University of Melbourne
Cost: \$1100
Uni Melb student cost: \$880



The **Statistical Consulting Centre** provides statistical services to business, industry, government and the academic world.



www.scc.ms.unimelb.edu.au/courses.html
Enquiries: 8344 6995
Email: dmai@unimelb.edu.au

Graduate Researcher Statistical Assistance
Scheme 2016

at
www.scc.ms.unimelb.edu.au/postgraduates.html

Statistics for Research Workers

Six-day course
Using R
15 - 22 February 2017



Outline*, cost and applications:
www.scc.ms.unimelb.edu.au/srwfeb.html
Venue: The University of Melbourne
Cost : \$1485
Uni Melb student cost : \$1100

STATISTICAL
CONSULTING
CENTRE

Statistics courses

2016/7

with a mix
of
lecture presentation
and
practical work

Statistical Consulting Centre

www.scc.ms.unimelb.edu.au

contact: Deborah Maillardet
email: dmai@unimelb.edu.au
Phone: 8344 6995

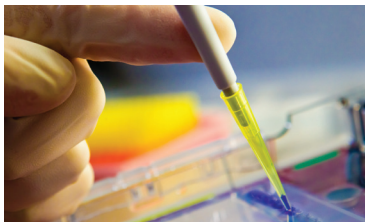


THE UNIVERSITY OF
MELBOURNE

*Statistics for Research Workers course

Six-day course
Using SPSS
4 -10 November 2016

This very popular course gives a basic understanding of statistical ideas and methods involved in carrying out research. Statistical topics covered will include estimation, hypothesis testing, regression and inference based on the normal distribution.



Outline and applications:
www.scc.ms.unimelb.edu.au/srwfeb.html
Venue: The University of Melbourne
Cost : \$1485
Uni Melb student cost : \$1100

Statistics for Research Workers

using Minitab

7 -19 July 2016

Subject code: MAST90007

formal academic credit
see handbook 2016

'Community Access Program' available

www.scc.ms.unimelb.edu.au/srwjune.html

Design and Analysis of Experiments

Four-day course
17 - 22 November 2016

This course covers the principles and practice of designing experiments, and the analysis of data from them.

Topics will include:

Experimental units
Randomisation
Replication

Blocking and matching
Commonly used designs

Factorial treatment, structures
Analysis of variance and covariance

Incomplete block designs, split-plot designs

Fractional factorial designs

Transformations of data

Practical and ethical issues

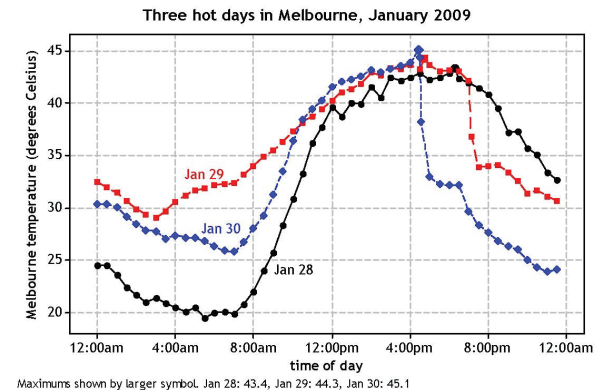


Outline and applications:
www.scc.ms.unimelb.edu.au/dae.html
Venue: The University of Melbourne
Cost: \$1100
Uni Melb student cost: \$880

Producing Excellent Graphics Simply

One-day Workshop
Wednesday, 23 November 2016

This workshop teaches the principles and practice of effective graphics. It covers how to produce graphs of data and graphs of statistical inferences, simply, quickly and effectively.



Outline and applications:
www.scc.ms.unimelb.edu.au/pegs.html
Venue: The University of Melbourne
Cost: \$385
Uni Melb Student cost: \$242