

The New Zealand Social Statistics Network is offering short courses at the School of Government, Pipitea Campus, Victoria University of Wellington, 7th–18th February 2011

Week One

INTRODUCTION TO STATISTICS: 7th–11th February 2011

Dr Stephanie Budgett, *Department of Statistics, The University of Auckland*

An introductory course in statistical techniques with an emphasis on those applicable to the social sciences, focusing on concepts rather than mathematics.

QUALITATIVE RESEARCH TECHNIQUES: 7th–11th February 2011

Dr Delwyn Goodrick, *Program Evaluation Consultant*

An introductory course consisting of lectures and practical workshops, designed for those with no background in research or with no previous experience with qualitative techniques of data collection and analysis.

CASE STUDY RESEARCH: 7th–11th February 2011

Professor Helen Simons, *Professor of Education and Evaluation, University of Southampton, UK*

An introductory course exploring the theory and practice of case study as a research approach for understanding and evaluating the complexity and dynamics of innovative programmes and organisations.

INTRODUCTION TO STRUCTURAL TO STRUCTURAL EQUATION MODELLING USING AMOS: 7th–11th February 2011

Associate Professor Everarda Cunningham, *Swinburne University of Technology*

An applied course in using Structural Equation Modelling (SEM), taught in SPSS's AMOS™ software. SEM is used to find and test complex relationships among observed and latent variables.

APPLIED COMPUTER-ASSISTED QUALITATIVE DATA ANALYSIS USING NVivo: 7th–11th February 2011

Dr Leonie Daws, *Principal Consultant, Kihī Consultancies*

A course designed for those familiar with qualitative research approaches and interested in using NVivo to assist with qualitative data analysis. The focus is on learning the NVivo data analysis toolkit through hands-on experience.

INTRODUCTION TO SURVEY DESIGN: 7th–11th February 2011

Dr Gordon Emmerson, *Honorary Fellow, Victoria University, Melbourne*

An introductory course covering underlying theory and best practice in quantitative survey design.

Week Two

INTERMEDIATE STATISTICS: 14th–18th February 2011

Dr Wayne Stewart, *Department of Statistics, The University of Auckland*

An introduction to the statistical computing package R, a review of the concepts of statistical inference from *Introduction to Statistics*, and case studies in statistics.

INTRODUCTION TO PROGRAM EVALUATION: 14th–18th February 2011

Dr Delwyn Goodrick, *Program Evaluation Consultant*

A course designed for public sector workers and academics who are interested in commissioning, managing or conducting evaluations of public policy or programs.

FUNDAMENTALS OF MULTIPLE REGRESSION: 14th–18th February 2011

Dr Gordon Emmerson, *Honorary Fellow, Victoria University, Melbourne*

Multiple regression is a common and useful statistical procedure with two main purposes: to assess the amount of variance in a dependent variable explained by that in independent variables; and to make predictions based on the outcome of current data.

DATA ANALYSIS IN SPSS: 14th–18th February 2011

Associate Professor Brian Phillips, *Swinburne University of Technology*

This course provides the beginner in quantitative data analysis with the basic requirements for analysis in an SPSS computing environment, focusing on the analysis of survey, administrative and/or census data.

ADVANCED STRUCTURAL EQUATION MODELLING USING Mplus – 14th–18th February 2011

Associate Professor Everarda Cunningham, *Swinburne University of Technology*

The first part of the course is focused on using Mplus to specify and interpret common models in SEM such as path analytic and confirmatory factor analysis models; the second part introduces multi-group comparisons and complex longitudinal models.

LONGITUDINAL DATA ANALYSIS – 14th–18th February 2011

Dr Gary Marks, *Australian Council for Educational Research*

Longitudinal data are important for many social science disciplines as they facilitate the investigation of empirical research questions relating to growth, dynamics and change. Such investigations are not possible with cross-sectional data.

FOR MORE INFORMATION AND/OR TO ENROL,
PLEASE VISIT www.nzssn.org.nz OR EMAIL courses@nzssn.org.nz

These courses have been developed by NZSSN.
Thanks to our host Victoria University of Wellington.