

## COURSE DETAIL

### STATISTICAL PROGRAMMING AND MODELING USING SAS

**Country**

New Zealand

**Host Institution**

University of Auckland

**Program(s)**

University of Auckland

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

125

**UCEAP Course Suffix****UCEAP Official Title**

STATISTICAL PROGRAMMING AND MODELING USING SAS

**UCEAP Transcript Title**

STATS PROGRAMMING

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course provides an introduction to the SAS statistical software with emphasis on using SAS as a programming language for purposes of database manipulation, simulation, statistical modeling, and other computer-intensive methods. Topics include the general SAS programming environment, reading data into SAS, “slicing, dicing, and splicing data,” and presenting the data in user-friendly formats. Statistical modeling techniques include linear modeling, multivariate ANOVA, and tables of counts.

**Language(s) of Instruction**

English

**Host Institution Course Number**

STATS 301

**Host Institution Course Title**

STATISTICAL PROGRAMMING AND MODELLING USING SAS

**Host Institution Campus**

Auckland

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Statistics

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