COURSE DETAIL

STATISTICS FOR LIFE AND SOCIAL SCIENCE
Country Australia
Host Institution University of New South Wales
Program(s) University of New South Wales
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Statistics Mathematics
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title STATISTICS FOR LIFE AND SOCIAL SCIENCE
UCEAP Transcript Title STATS: LIFE&SOC SCI
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course provides an introduction to statistics: the study of collecting, analysing, and interpreting data, which is fundamental to doing any form of quantitative research. Students learn to recognize which analysis procedure is appropriate for a given research problem involving one or two variables; understand principles of study design; and apply probability theory to practical problems. They apply statistical procedures on a computer using RStudio/R; interpret computer output for statistical procedure; calculate confidence intervals and conduct hypothesis tests by hand for small datasets; and understand the usefulness of statistics in their professional area.

Language(s) of Instruction
English

Host Institution Course Number
MATH1041

Host Institution Course Title
STATISTICS FOR LIFE AND SOCIAL SCIENCES

Host Institution Course Details

Host Institution Campus
sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics & Statistics

Course Last Reviewed

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