

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 Campus

sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics & Statistics

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