

# COURSE DETAIL

## ANALYSIS OF SCIENTIFIC DATA

**Country**

Australia

**Host Institution**

University of Queensland

**Program(s)**

University of Queensland

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

15

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

ANALYSIS OF SCIENTIFIC DATA

**UCEAP Transcript Title**

SCIENTIFIC DATA

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

Analysis of scientific data and experiments: Design of experiments and ethical research. Data modelling and management. Exploratory data analysis. Randomness and probability. Statistical analysis including linear regression, analysis of variance, logistic regression, categorical data analysis, and non-parametric methods.

**Language(s) of Instruction**

English

**Host Institution Course Number**

STAT1201

**Host Institution Course Title**

ANALYSIS OF SCIENTIFIC DATA

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

Mathematics and Physics

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