

# COURSE DETAIL

## LINEAR MODELS

**Country**

Australia

**Host Institution**

University of New South Wales

**Program(s)**

University of New South Wales

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics Mathematics

**UCEAP Course Number**

113

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

LINEAR MODELS

**UCEAP Transcript Title**

LINEAR MODELS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course introduces the fundamentals of regression modeling, providing essential knowledge for students pursuing advanced study in statistics or careers as professional statisticians. Topics include parameter estimation in linear models, hypothesis testing for model comparison, model selection techniques for predictive purposes, detection of assumption violations, and identification of influential observations.

## Language(s) of Instruction

English

## Host Institution Course Number

MATH2831

## Host Institution Course Title

LINEAR MODELS

## Host Institution Course Details

<https://www.handbook.unsw.edu.au/undergraduate/courses/2026/MATH2831>

## Host Institution Campus

Sydney

## Host Institution Faculty

Science

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2025-2026

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