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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