

COURSE DETAIL

MODELING HIGH DIMENSIONAL DATA

Country

New Zealand

Host Institution

University of Otago

Program(s)

University of Otago

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

131

UCEAP Course Suffix**UCEAP Official Title**

MODELING HIGH DIMENSIONAL DATA

UCEAP Transcript Title

HIGH DIMENSAL DATA

UCEAP Quarter Units

7.00

UCEAP Semester Units

4.70

Course Description

This course is an introduction to the statistical learning techniques commonly used to analyze high-dimensional (or multivariate) data. It covers penalized regression, classification trees, clustering, dimension-reduction, bagging, stacking, boosting, random forests and ensemble learning.

Language(s) of Instruction

English

Host Institution Course Number

STAT312

Host Institution Course Title

MODELLING HIGH DIMENSIONAL DATA

Host Institution Course Details

<https://www.otago.ac.nz/courses/papers?papercode=stat312>

Host Institution Campus

Dunedin

Host Institution Faculty

Statistics

Host Institution Degree

Host Institution Department

Course Last Reviewed

2026-2027

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