

COURSE DETAIL

OPTIMIZATION AND DATA-DRIVEN DECISION MAKING

Country

New Zealand

Host Institution

University of Auckland

Program(s)

University of Auckland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

136

UCEAP Course Suffix**UCEAP Official Title**

OPTIMIZATION AND DATA-DRIVEN DECISION MAKING

UCEAP Transcript Title

DATA DRIVEN DECISION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines methods for using data to assist in decision making in business and industrial applications. Software packages will be used to solve practical problems. Topics such as linear programming, transportation and assignment models, network algorithms, queues, Markov chains, inventory models, simulation, analytics and visualization will be considered.

Language(s) of Instruction

English

Host Institution Course Number

STATS 255

Host Institution Course Title

OPTIMISATION AND DATA-DRIVEN DECISION MAKING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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