

# 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 DRVEN 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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