

## COURSE DETAIL

### MODELING AND ANALYTICS IN OPERATIONS RESEARCH

**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**

116

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

MODELING AND ANALYTICS IN OPERATIONS RESEARCH

**UCEAP Transcript Title**

MDL/ANALY: OP RESCH

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course examines the relationship between business and industrial applications and their associated operations research models. Software packages will be used to solve practical problems. Topics include: linear programming, transportation and assignment models, network algorithms, queues, inventory models, simulation, analytics and visualization.

### Language(s) of Instruction

English

### Host Institution Course Number

ENGSCI 255

### Host Institution Course Title

MODELING AND ANALYTICS IN OPERATIONS RESEARCH

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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