

# COURSE DETAIL

## PRACTICAL DATA SCIENCE

**Country**

New Zealand

**Host Institution**

University of Otago

**Program(s)**

University of Otago

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

20

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

PRACTICAL DATA SCIENCE

**UCEAP Transcript Title**

PRACTL DATA SCIENCE

**UCEAP Quarter Units**

7.00

**UCEAP Semester Units**

4.70

## Course Description

This course provides a study of the techniques used to prepare, integrate, manage, and visualize complex data using modern software environments. It introduces the fundamental concepts of data science through practical use of the industry-standard software environment R. It covers how to program in R, how to effectively manage and manipulate data in R, and the "round trip" of data science (import, tidy, transform, visualize, model, and communicate).

## Language(s) of Instruction

English

## Host Institution Course Number

COMP120

## Host Institution Course Title

PRACTICAL DATA SCIENCE

## Host Institution Course Details

<https://www.otago.ac.nz/courses/papers/index.html?papercode=COMP120>

## Host Institution Campus

## Host Institution Faculty

Computer Science

## Host Institution Degree

## Host Institution Department

Computer Science

## Course Last Reviewed

2020-2021

[Print](#)