

## COURSE DETAIL

### DATA ANALYTICS: LEARNING FROM DATA

**Country**

Australia

**Host Institution**

University of Sydney

**Program(s)**

University of Sydney

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

114

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

DATA ANALYTICS: LEARNING FROM DATA

**UCEAP Transcript Title**

DATA ANALYTICS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This is an intermediate course in statistics and data sciences, teaching data analytic skills for a wide range of problems and data. In this course, students learn how to ingest, combine, and summarize data from a variety of models which are typically encountered in data science projects, and they reinforce their programming skills through experience with statistical programming language. Students are exposed to the concept of statistical machine learning and analyze various types of data in order to answer a scientific question. Students learn to embrace data analytic challenges stemming from everyday problems.

## Language(s) of Instruction

English

## Host Institution Course Number

DATA2002

## Host Institution Course Title

DATA ANALYTICS: LEARNING FROM DATA

## Host Institution Campus

sydney

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Statistics & Data Science

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