

COURSE DETAIL

INFORMATICS: DATA AND COMPUTATION

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney, Summer at University of Sydney

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

32

UCEAP Course Suffix**UCEAP Official Title**

INFORMATICS: DATA AND COMPUTATION

UCEAP Transcript Title

INFORMATICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines computation and data handling, integrating sophisticated use of existing productivity software, e.g. spreadsheets, with the development of custom software using the general-purpose Python language. Students will see examples from many domains, and be able to write code to automate the common processes of data science, such as data ingestion, format conversion, cleaning, summarization, creation and application of a predictive model.

Language(s) of Instruction

English

Host Institution Course Number

DATA1002

Host Institution Course Title

INFORMATICS: DATA AND COMPUTATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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