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 Course Details
https://www.sydney.edu.au/units/DATA1002/2024-S2C-ND-CC

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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