

COURSE DETAIL

DATA SCIENCE FOR THE BUILT ENVIRONMENT

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Architecture

UCEAP Course Number

151

UCEAP Course Suffix**UCEAP Official Title**

DATA SCIENCE FOR THE BUILT ENVIRONMENT

UCEAP Transcript Title

DATA/BUILT ENVIRON

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course focuses on the development of data analytics skills for professionals in the built environment sector. The course presents large, open data sets from the built environment from design (BIM, BEM), construction (commissioning data), and operations (BMS/EMS/IoT). Major topics include data sources and visualization, machine learning, coding, and applications.

Language(s) of Instruction

English

Host Institution Course Number

BPS5229

Host Institution Course Title

DATA SCIENCE FOR THE BUILT ENVIRONMENT

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Building

[Print](#)