

COURSE DETAIL

MICROCLIMATE DESIGN

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

112

UCEAP Course Suffix**UCEAP Official Title**

MICROCLIMATE DESIGN

UCEAP Transcript Title

MICROCLIMATE DESIGN

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This courses explores weather patterns and it effect on urban heat island on a microclimate level. It combines looking at topography of landscape and predicting long term weather patterns caused by climate change and how that will alter building layouts and designs. This course looks into the energy amount used in buildings and how it can be minimized.

Language(s) of Instruction

English

Host Institution Course Number

BPS5221

Host Institution Course Title

MICROCLIMATE DESIGN

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Environmental Design

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