COURSE DETAIL

WATER AND THE ENVIRONMENT
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Geography Environmental Studies
UCEAP Course Number 100
UCEAP Course Suffix
UCEAP Official Title WATER AND THE ENVIRONMENT
UCEAP Transcript Title WATER & ENVIRONMENT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course provides an introduction to the subject of hydrology. The course covers hydrology processes in detail in addition to lectures on relevant water-related issues at the global and regional scale with examples taken from the region. Water is crucial for the survival of living organisms. The current emphasis on the availability and supply of water in Singapore and on a global scale points to the need for increased knowledge and awareness of this vital resource. Topics include rainfall; groundwater; river basin hydrology; hydrological hazards; elements of fluvial geomorphology; impacts of human activities on water; potable water and wastewater treatment; aquatic ecosystems; water cycles and geomatics; and integrated water resource management.

Language(s) of Instruction
English

Host Institution Course Number
GE2229

Host Institution Course Title
WATER AND THE ENVIRONMENT

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Geography

Course Last Reviewed

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