COURSE DETAIL

ENVIRONMENTAL MONITORING
Country Australia
Host Institution University of Sydney
Program(s) University of Sydney
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 126
UCEAP Course Suffix
UCEAP Official Title ENVIRONMENTAL MONITORING
UCEAP Transcript Title ENVIRON MONITORING
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
Human population growth is causing irreversible change to almost all environments on earth. The extent of human change has been so great that a new geological epoch, the anthropocene, has been defined. Global warming, the introduction of pollutants and excessive use of nutrients are stressors affecting the biodiversity and resilience of ecosystems, and pose threats to human and environmental health. These human impacts carefully need to be monitored to guide appropriate management of urban, natural and agricultural systems. This course covers transport pathways of pollutants, bioaccumulation, environmental toxicology (e.g., LD50 values), environmental monitoring and remediation techniques. Through lectures, laboratories and group work, concepts and methods of environmental monitoring are illustrated and discussed including findings from the latest research.

Language(s) of Instruction
English

Host Institution Course Number
ENSC2001

Host Institution Course Title
ENVIRONMENTAL MONITORING

Host Institution Course Details

Host Institution Campus
sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department
Life and Environmental Sciences

Course Last Reviewed

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