

COURSE DETAIL

POLLUTION SCIENCE

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

POLLUTION SCIENCE

UCEAP Transcript Title

POLLUTION SCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces students to a range of pollutants detected in the environment and provides key field and laboratory practical skills in designing and implementing a monitoring program to screen for contaminants in aquatic environments. Fundamental concepts covered including dose-response relationships, source, fate, and transport of contaminants in the environment, and key elements comprising the design and implementation of monitoring programs will be addressed. The course includes a four days field trip to Moreton Bay Research Station with the objective of reinforcing knowledge delivered through lectures by providing laboratory experience in specialized methods of identification, quantification and toxicity testing of pesticides found in aquatic environments.

Language(s) of Instruction

English

Host Institution Course Number

ENVM3211

Host Institution Course Title

POLLUTION SCIENCE

Host Institution Campus

Queensland

Host Institution Faculty

Host Institution Degree

Host Institution Department

Environmental Science

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