COURSE DETAIL

ANALYSIS IN ECOTOXICOLOGY

Country
Korea, South

Host Institution
Yonsei University

Program(s)
Yonsei University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
120

UCEAP Course Suffix

UCEAP Official Title
ANALYSIS IN ECOTOXICOLOGY

UCEAP Transcript Title
ANALYSIS ECOTOXICOL

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description
This course focuses on how the two main classes of contaminants, inorganic and organic, are harmful to ecosystems at each level of biological hierarchy: molecular, cellular, tissue, organ, individual, population, community, ecosystem, and global. Major concepts include bioaccumulation, trophic transfer, biomagnification, biotransformation, detoxification, elimination, bioavailability, and toxicant effects. Text: Michael C. Newman "FUNDAMENTALS OF ECOTOXICOLOGY" Assessment: Attendance (10%), Participation (10%), Midterm (40%), Final (40%). Prerequisites: Biology and Chemistry

Language(s) of Instruction
English

Host Institution Course Number
BIO3714

Host Institution Course Title
ANALYSIS IN ECOTOXICOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

Course Last Reviewed

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