

COURSE DETAIL

ENVIRONMENTAL AND OCCUPATIONAL TOXICOLOGY

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Biological Sciences

UCEAP Course Number

128

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL AND OCCUPATIONAL TOXICOLOGY

UCEAP Transcript Title

ENVMT OCC TOXICLGY

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course introduces the basic principles of toxicology: the physical and chemical properties of poisons and their distribution processes (absorption, distribution, metabolism, and excretion); Toxicokinetics, and Toxicodynamics. The course also discusses the effects on toxic distribution, toxic reactions and mechanisms, and then the distribution of chemical substances in the environment. Finally, the course explains emerging technologies applied in toxicant metabolism and environmental toxicology, which is accompanied by a laboratory tour.

Language(s) of Instruction

English

Host Institution Course Number

PH3039

Host Institution Course Title

ENVIRONMENTAL AND OCCUPATIONAL TOXICOLOGY

Host Institution Campus

Host Institution Faculty

College of Public Health

Host Institution Degree

Host Institution Department

Department of Public Health

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