COURSE DETAIL

PRINCIPLES OF TOXICOLOGY
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 143
UCEAP Course Suffix
UCEAP Official Title PRINCIPLES OF TOXICOLOGY
UCEAP Transcript Title PRIN OF TOXICOLOGY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course examines the methods used in assessing the toxicity of food contaminants, and to develop their confidence in the handling and interpretation of toxicological data. It covers the basic concepts behind toxicological evaluation, and the criteria for setting guidance values for dietary and nondietary exposure to chemicals, as well as the role of biochemical, metabolic and toxicokinetic studies in toxicological evaluation. Topics include a discussion on exposure and entry routes, fates of toxic substances in the body (toxicokinetics), concepts in experimental toxicology, the dose response relationship, actions of toxic substances, target organ effects, the actions and types of carcinogens. A survey of the health effects of common classes of toxic substances is also presented.

Language(s) of Instruction
English

Host Institution Course Number
BIOL 3207

Host Institution Course Title
PRINCIPLES OF TOXICOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

Print