COURSE DETAIL

FOOD ANALYSIS AND LAB
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title FOOD ANALYSIS AND LAB
UCEAP Transcript Title FOOD ANALYSIS & LAB
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
The course covers fundamental analytical chemistry principle and emphasizes learning experience in lab sessions. The lecture topics cover sample preparation techniques, liquid and solid phase extraction techniques, gravimetry, colorimetry, gas and liquid chromatography. The course teaches hands-on skills in regard to sample preparation and extraction and applies analytical techniques to quantification of food components. These techniques include gravimetry, gas and liquid chromatography systems (GC and HPLC), UV-VIS spectrophotometers, and atomic absorption/emission spectrometry.

Language(s) of Instruction
English

Host Institution Course Number
FST2107

Host Institution Course Title
FOOD ANALYSIS AND LAB

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Food Science and Technology

Course Last Reviewed

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