COURSE DETAIL

SUSTAINABLE URBAN FOOD PRODUCTION FOR FOOD SECURITY
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Urban Studies Environmental Studies Biological Sciences
UCEAP Course Number 141
UCEAP Course Suffix
UCEAP Official Title SUSTAINABLE URBAN FOOD PRODUCTION FOR FOOD SECURITY
UCEAP Transcript Title SUSTN URBAN FOOD
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course highlights the key food security considerations and research trends relating to sustainable urban food production. It covers the scientific and technological innovations in agriculture and aquaculture, with topics including genetics, nutrition and health involved in the production of fish and plants, and scientific considerations for a robust food safety system such as Hazard Analysis Critical Control Point (HACCP)-based risk assessment and testing of different food safety hazards relating to different food innovations. The course develops an appreciation of the emerging risks in urban food production against the current backdrop of accelerating food production innovations and climate change. The course requires students to take prerequisites in General Biology and Chemistry.

Language(s) of Instruction
English

Host Institution Course Number
LSM4352

Host Institution Course Title
SUSTAINABLE URBAN FOOD PRODUCTION FOR FOOD SECURITY

Host Institution Course Details
https://nusmods.com/courses/LSM4352/sustainable-urban-food-production-for-food-…

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2024-2025

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