

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

[Print](#)