

## 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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biological Sciences

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