

## COURSE DETAIL

### FUNDAMENTAL TECHNIQUES IN MICROBIOLOGY

**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**

110

**UCEAP Course Suffix****UCEAP Official Title**

FUNDAMENTAL TECHNIQUES IN MICROBIOLOGY

**UCEAP Transcript Title**

MICROBIO TECHNIQUES

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

In this course, students gain a fundamental knowledge of microbiology, and the experimental tools used. The course focuses on microbes and techniques for studying them, through a combination of theoretical knowledge and hands-on experiments. Students examine the invisible world of microbes, investigating microbiomes of skin, soil and water, and exploring the role of probiotics. The course includes visits to a microbiology-related industry and witnessing real-world applications of their learnings. The course requires students to take General Biology as a prerequisite.

## Language(s) of Instruction

English

## Host Institution Course Number

LSM2291

## Host Institution Course Title

FUNDAMENTAL TECHNIQUES IN MICROBIOLOGY

## Host Institution Course Details

<https://nusmods.com/courses/LSM2291/fundamental-techniques-in-microbiology>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Microbiology and Immunology

## Course Last Reviewed

2024-2025

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