

## COURSE DETAIL

### PATTERN FORMATION AND SELF-ORGANISATION IN BIOLOGY

**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**

137

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

PATTERN FORMATION AND SELF-ORGANISATION IN BIOLOGY

**UCEAP Transcript Title**

PATTERN FORM IN BIO

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course takes an interdisciplinary approach to introduce how complex biological phenomena can emerge from simple rules. Through interactive lectures, guided reading and hands-on tutorials and simulations, students learn to appreciate how basic concepts like feedback and robustness generate biodiversity across multiples scales. The course requires a prerequisite of General Biology.

## Language(s) of Instruction

English

## Host Institution Course Number

LSM3236

## Host Institution Course Title

PATTERN FORMATION AND SELF-ORGANISATION IN BIOLOGY

## Host Institution Course Details

<https://nusmods.com/courses/LSM3236/pattern-formation-and-self-organisation-in-...>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biological Sciences

## Course Last Reviewed

2024-2025

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