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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