COURSE DETAIL

INTRODUCTION TO QUANTITATIVE BIOLOGY
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 57
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO QUANTITATIVE BIOLOGY
UCEAP Transcript Title INTRO/QUAN BIOLOGY
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Due to advances in imaging, genetics, and sequencing over the past 30 years, there has been an explosion in the amount of quantitative biological data. This course introduces mathematical and physical concepts and methods necessary for understanding and analyzing quantitative biological data. It uses systems from across biology, from photosynthesis to human sleep cycles, to demonstrate the power and applicability of these approaches.

Language(s) of Instruction
English

Host Institution Course Number
LSM2234

Host Institution Course Title
INTRODUCTION TO QUANTITATIVE BIOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2022-2023

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