COURSE DETAIL

PROTEIN STRUCTURE AND FUNCTION
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 Biochemistry
UCEAP Course Number 127
UCEAP Course Suffix
UCEAP Official Title PROTEIN STRUCTURE AND FUNCTION
UCEAP Transcript Title PROTEIN STRUC&FUNCT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course provides a strong foundation in the study of protein structure and function. Topics include structures and structural complexity of proteins and methods used to determine their primary, secondary and tertiary structures; biological functions of proteins in terms of their regulatory, structural, protective and transport roles; the catalytic action of enzymes, their mechanism of action and regulation; and various approaches used in studying the structure-function relationships of proteins. The course has a prerequisite of Biochemistry.

Language(s) of Instruction
English

Host Institution Course Number
LSM3231

Host Institution Course Title
PROTEIN STRUCTURE AND FUNCTION

Host Institution Course Details
https://nusmods.com/courses/LSM3231/protein-structure-and-function

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biochemistry

Course Last Reviewed
2024-2025

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