Cell and Molecular Biology

Offered in 114-2 | Updated

Save Add Preselect

Serial Number
43492

Course Number
DBME2011

Course Identifier
508 21600

No Class

3 Credits

Preallocated
DEPARTMENT OF BIOMEDICAL ENG...

PENHSIU CHAO

Wed 2, 3, 4

Please contact the department office for more information

Type 2

40 Student Quota

Notes

The course is conducted in English。

NTU Enrollment Status

Enrolled	Remaining	Registered
0 / 38	38	0

Course Description

Basic cell and molecular biology
基礎細胞與分子生物學

Course Objective

Basic understanding of cell and molecular biology with a particular emphasis on engineering techniques

Course Requirement

NTU 38 + non-NTU 2

No Specialization Program

English

NTU COOL

Core Capabilities and Curriculum Planning

General Physics, Chemistry, and Biology
普通物理、普通化學、普通生物

Expected weekly study hours before and/or after class

Office Hour

Email the lecturer for appointments.

*This office hour requires an appointment

Designated Reading

Molecular Biology of the Cell by Alberts et al,
Edition 7, 2022 WW Norton
藝軒圖書

References

Grading

10%	**Group presentation**
90%	**Exam** 3 exams

1. NTU has not set an upper limit on the percentage of A+ grades.
2. NTU uses a letter grade system for assessment. The grade percentage ranges and the single-subject grade conversion table in the NATIONAL TAIWAN UNIVERSITY Regulations Governing Academic Grading are for reference only. Instructors may adjust the percentage

ranges according to the grade definitions. For more information, see the Assessment for Learning Section。

Adjustment methods for students

Adjustment Method	Description
A2	以錄影輔助 Assisted by video
B6	學生與授課老師協議改以其他形式呈現 Mutual agreement to present in other ways between students and instructors
D1	由師生雙方議定 Negotiated by both teachers and students

Make-up Class Information

Course Schedule

Week 1	Introduction
Week 2	The Nucleus
Week 3	Translation
Week 4	Gene Expression
Week 5	Exam 1

Week 6	Membranes
Week 7	Organelles
Week 8	Cytoskeleton
Week 9	Research Methods
Week 10	Exam 2
Week 11	Cell Signaling
Week 12	Cell and the Outside World
Week 13	Stem Cells and Tissues
Week 14	Exam3
Week 15	Final Presenation