

Syllabus for CHEM350000 Introduction to Biochemistry, Fall 2023

Instructor: Jia-Cherng Horng (洪嘉呈); E-mail: jchorng@mx.nthu.edu.tw

Lecture:

Time: W3W4F2

Room: CHEM R325

Method: Lecture, 3 credits

Textbook:

Biochemistry: The Molecular Basis of Life, McKee & McKee, International 7th Edition, Oxford University Press

Course Outline:

- Biochemistry
 - General aspects
 - Water
 - Energy
- Protein
 - Amino acids, peptides, and proteins
 - Enzymes
- Carbohydrates
 - Glycolysis
- Aerobic metabolism
 - The citric acid cycle
 - Electron transport
- Lipid and Membranes
- Nuclei acids
 - Genetic information
- Photosynthesis

Note:

The course materials will be posted on the NTHU **ee**class platform.

Grading:

Homework & on-line quizzes	30%
Two exams (midterm & final)	2 x 35% = 70%
■ 2023/11/8 (Wed)	
■ 2024/1/10 (Wed)	