

Biological Chemistry I
CHM 4304

Term: Summer B 2018

Course instructor:

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Office hours: Monday 12:30 – 2:00 pm am Wednesday 12:30 – 2:00 pm
or by appointment.

Prerequisite: CHM 2211, CHM 3120, and BSC 1011

Text book:

Biochemistry, 8th Edition (2012), by J. M. Berg, J. L. Tymoczko, & L. Stryer.

Recommended Book: Student Companion to Accompany Biochemistry, 8th Edition (2012) by F. H. Deis, N. C. Gerber, R. I. Gumport, & R. E. Koeppe II.

Lectures:

Lectures will be on Monday Wednesday and Friday from 9:30 am to 11:45 am in OE 134.

Course objective:

An advanced understanding of core principles and topics of Biochemistry and their experimental basis including composition and structure of bio-macromolecules, major metabolic and regulatory processes, and bioenergetics.

Course outcomes:

The students will obtain a solid foundation in biochemistry and will understand the main concepts and issues of this discipline.

Attendance policy

Lectures: Attendance is not mandatory; however **material for exams will be drawn directly from the lectures, textbook and homework**. The home-works will not be graded.

Expectation: Read the appropriate material in the textbook prior the lecture and solve problems at the end of each chapter.

Exams:

There will be three in term exams and one cumulative final exam. The final exam will be held during the final week. There will be **no make up exams!!!** Exam will be problem solving oriented. Calculator is required for all exams.

Final Week of Instruction: Course activities will consist of a cumulative final exam.

Plagiarism policy:

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a

standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

Grading policy:

The final grade will be based on **two in term exams**, and a **cumulative final exam**. There will be three in term exams during the semester. The lowest exam score will be dropped and your grade will be based upon two highest exam scores. If you miss an exam, it will be your lowest score. If you must miss the final exam, you have to provide an university excuse to take an a make-up exam.

The table below summarizes the various grade components and their point values *:

Component	Points
2 in term exams (50 points each)	2X50 = 100
Final exam	100
Total	200

Percentages for grade cutoffs are as follows:

- 90 for an A
- 80 for an B
- 70 for an C
- 60 for an D
- < 60 for an F

** Cutoffs for grades will be no higher than those listed above, but may be lowered if appropriate.*

Tentative Outline* (Datum (including exams) may be subject to change!!!!!!)

<i>Date</i>	<i>Topic</i>
June 18	Introduction and Chapter 1
June 20	Chapter 2
June 22	Chapter 3
June 25	Chapter 4
June 27	Chapter 5
June 29	Exam 1 and Chapter 7
July 2	Chapter 8
July 6	Chapter 8
July 9	Chapter 9
July 11	Exam 2 and Chapter 10
July 13	Exam 2 and Chapter 11
July 16	Chapter 12
July 18	Chapter 15
July 20	Chapter 16
July 23	Exam 3
July 25	Review
July 27	Final Exam