

CHM 3218/5305 Bioorganic Chemistry 2

Spring 2019

Dr. Michael E. Harris
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Lectures

T,R | Period 6 - 7 (12:50 PM - 2:45 PM)

Office hours

Monday | Period 6 - 7 (12:50 PM - 2:45 PM) (302 Hernandez Hall)
Wednesday | Period 6 - 7 (12:50 PM - 2:45 PM) (302 Hernandez Hall)

Teaching Assistants

Suhyun Yoon (syoon@chem.ufl.edu)
Maja Haerle (mhaerle@ufl.edu)

Course Objectives

This course uses concepts from organic and physical chemistry to describe the fundamental chemical reactions that are essential to all biology. Topics will include the primary cellular metabolism; the structure, function, biosynthesis of proteins, carbohydrates, nucleic acids and lipids; enzyme structure, mechanisms and kinetics.

Prerequisites

CHM 3217 or CHM 2211 or permission of the instructor.

Grading

Student grades will be based on the four Exams (100 points each) scheduled during the semester (Tuesday 2/5, Thursday 2/28, Tuesday 4/2, Tuesday 4/23) during regular class meeting time, and the final Exam (Monday, 4/29 @ 5:30 PM - 7:30 PM) (100 points) that will be comprehensive.

Make-up exams will not be offered, please plan accordingly.

The lowest grade from Exams 1 - 4 will be dropped before calculating your final grade (the final exam grade may not be dropped). Student final letter grades will assigned based on the average of the highest three exam grades and the final exam grade ($\text{avg} = (\text{exam} + \text{exam} + \text{exam} + \text{final})/4$).

The following scale will be used to assign letter grades.

A 90-100
A- 88-89.9
B+ 85-87.9
B 80-84.9
B- 78-79.9
C+ 75-77.9
C 70-74.9
C- 68-69.9
D 60-67.9

Current UF grading policies can be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Class Attendance

Attendance is not monitored. Exams are based on material covered in the assigned reading, practice assignments and in-class lectures, slides and videos.

Make-Up Work

Since students are allowed to drop an exam score, no make-up exams will be scheduled.

Required Textbook

Lehninger Principles of Biochemistry, 6th or 7th Edition, Nelson, D. L. and Cox, M. M.

Lecture Schedule

A tentative schedule of lectures is available on Canvas.

Academic Honesty

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

Students with Disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Additional Information

Your well-being is important to the University of Florida. The *U Matter, We Care* initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the *U Matter, We Care* Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The *U Matter, We Care* Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.