Honors Biochemistry II

The University of Toledo
Department of Chemistry & Biochemistry
CHEM 3520-091

Instructor:	Dr. Matthew Wohlever	**Offered**:	Spring 2022
Email:	matthew.wohlever@utoledo.edu	**Course Website**:	Blackboard Learn
Office Location:	Wolfe 3210B	**Honors Recitation Location**:	Memorial Field House 1700
Instructor Phone:	419-530-8401	**Honors Class Day/Time**:	M 2:30-3:25

CATALOG/COURSE DESCRIPTION

This syllabus ***supplements*** the main Chemistry 3520 Spring 2022 syllabus for students in the honors section. All information on the main CHEM 3520 syllabus applies to students in the honors section with the exception of the different grading scheme below.

STUDENT LEARNING OUTCOMES

The Honors Recitation will provide an opportunity to learn more about topics related to biochemistry through reading the primary literature and in-class discussions. Specific emphasis will be placed on the following:

- Development and enhancement of critical thinking skills
- Scientific literacy and the role of science and skepticism in everyday life and public policy
- Learning about scientists and experiments that led to critical breakthroughs in the history of biochemistry.
- The relationship between molecular structure and biological function, with specific examples drawn from areas that impact human metabolism and disease.

HONORS RECITATION COURSE EXPECTATIONS:

If you are not able or willing to meet the following expectations, you should drop CHEM 3520-091 and add CHEM 3520-001 before the add/drop period is over to prevent a negative impact on your course grade.

- Students in the honors recitation are expected to attend all class meetings (Mondays 2:30-3:25 pm). Students with a conflict that meets the criteria of the UT Missed Class policy must contact the instructor with appropriate documentation to receive an excused absence. **For every non-excused absence, five points will be deducted from your final course point total.** Students with excused absences will be expected to go over the assignment that was due for the missed class in office hours.
- Each week we will discuss an article from the primary literature related to metabolism. We will rotate who prepares the power point presentation and leads the discussion. Leading the discussion does *not* mean that you present the entire article. Everyone is expected to participate in the discussion and explain a different figure.
- **If you come to class consistently unprepared or do not contribute to class discussions, five points will be deducted from your final course point total.**
- Students should check the Honors Section folder on the CHEM 3520 Blackboard page regularly, as readings and other useful information will be posted there. If you do not see the Honors Section folder on the main course Blackboard page please let me know.

The class schedule is below. Note that we generally don't meet the week that there is a quiz or exam.

Day	Date	Honors Section
M	1/24	Welcome & Overview
M	1/31	How to read a scientific paper
M	2/7	No class
M	2/14	Paper #1
M	2/21	No class
M	2/28	Paper #2
M	3/14	Paper #3
M	3/21	No class
M	3/28	Paper #4
M	4/4	No class
M	4/11	Paper #5
M	4/18	No class
M	4/25	Paper #6