



BIOCHEMISTRY AND
MOLECULAR BIOLOGY
COLORADO STATE UNIVERSITY

BC192 Biochemistry Seminar

Instructors:

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Welcome to BC192 Biochemistry Seminar!

This course serves as an introduction to the Biochemistry Bachelor of Science, the faculty in our department, the interdisciplinary minor in Molecular Biology and the various resources on campus. Through this class, not only will we explore some of the great things happening in our department and in the various fields of Biochemistry and Molecular Biology, we also get to know our new students through the interactions we have inside and outside the classroom. Although the current pandemic will no doubt dampen some of these interactions, our enthusiasm, desire and commitment to you remains the same. Please do not hesitate to reach out to us with any issues and let's work together to face the challenges! In addition, it is our goal that students from all backgrounds and perspectives benefit by this course, and that the diversity students bring to this class is viewed as a resource and a strength. We will make every effort to provide content and assignments that are respectful of diversity, including gender identity, sexuality, age, disability, socioeconomic status, ethnicity, race, nationality, religion, and culture. We encourage and welcome your suggestions. Please let us know how to improve the effectiveness of the course for you personally, or for other students or student groups.

Class Meeting Time

Thursdays from noon to 1:50 PM

Class Format

This is a hybrid course, which means *approximately* 50% of the class will take place face-to-face and 50% will be done remotely through Canvas assignments and/or Teams meetings. Your in class attendance may vary from week to week; please maintain BC192 on your weekly schedule from noon to 1:50 PM on Thursdays. Remote course work may include synchronous meetings through Teams (Thursdays from noon to 1:50 PM), videos – both video lectures and other forms of video, quizzes, assignments, homework, discussion boards, and other exercises.

The class will be divided into “Group I” and “Group II”, so that it is very clear when you should attend class face to face in **Glover Room 130 (since the new 6 ft distancing capacity for this room is now only 38 students, and we have 63 students enrolled in the course)**. There will also be assigned seating (to aid in contact tracing if this becomes necessary).

*****Our first class on Thursday August 27th will be live (synchronous) but virtual via a Teams meeting from noon to 1:50 PM. We will post the information for the meeting in Canvas.**

Here is the Teams link for BC192:

<https://teams.microsoft.com/l/team/19%3a398444c867a3486d9fdc2bef16529d53%40thread.tacv2/conversations?groupId=4a38c452-997f-4252-b486-85d99d855a8e&tenantId=afb58802-ff7a-4bb1-ab21-367ff2ecfc8b>

Important information for Students: All students should fill out a student-specific symptom checker before coming to class (<https://covidrecovery.colostate.edu/daily-symptom-checker/>). In addition, please utilize the symptom checker to report symptoms, if you have a positive test, or

exposed to a known COVID contact. If you know or believe you have been exposed or are symptomatic, it is important for the health of yourself and others that you report it through this checker. You will not be in trouble or penalized in any way for reporting. If you report symptoms or a positive test, you will receive immediate instructions on what to do and CSU's Public Health Office will be notified. Once notified, that office will contact you and most likely conduct contact tracing, initiate any necessary public health requirements and/or recommendations and notify you if you need to take any steps. For the latest information about the University's response, please visit the **CSU COVID-19 site** (<https://covidrecovery.colostate.edu/>).

Learning Objectives for BC192:

- Demonstrate skills in navigating Canvas (understand assignment deadlines, modules structures, calendars, discussion boards, etc.)
- Demonstrate an understanding of study strategies, and social, personal, and academic factors that influence the adjustment to college life
- Identify current faculty and ASCs within the department; use resources to create a four-year plan, be proficient in utilizing DARS, concentration sheets and the course catalog
- Describe the varied areas /subjects in Biochemistry and Molecular Biology
- Present a current issue in Biochemistry
- Demonstrate a familiarity of extra-curricular campus resources that help students thrive, such as, Career Center, Health Services, etc.
- Preparing for applying for scholarships and awards
- Show an understanding of the importance of academic integrity, knowledge of structure and roles within the college and department.
- Demonstrate appropriate use of academic resources and learning tools available on campus.

Total for the course: 100 points

Assignments:

In-Class, discussion board and homework activities (30 points): an assortment of activities will be performed during class (live face to face and/or virtual) or assigned as homework, to be uploaded to Canvas. Please check Canvas frequently.

Canvas Quizzes (15 points): There will be announced quizzes throughout the semester. Each quiz will be posted to Canvas on a Friday and due on a Wednesday at 11:59 PM. The quizzes will be timed for 30 minutes.

Career worksheet (10 points) Each student turns in a typed career worksheet to Canvas by 11:59 PM on Sept 24th

4-year class plan (10 points): Each student submits your individual 4-yr plan in Canvas due **by 11:59 PM on Sunday October 18th**. Also, enter your class schedule through RAMweb under register\plan ahead.

Choose BMB faculty for meetings (5 points). Please review the Biochemistry Department website: Submit the names of 5 faculty members that you'd like to meet n' greet. For each faculty you choose, also submit one question you'd like to ask him/her. Type the names and the questions in Canvas directly. **Due in Canvas by 11:59 PM on October 22**

Faculty Meeting Summary (10 points) Upon completion of meetings with your selected faculty, each student will write a brief summary on the research you learned from or discussed with the faculty during the meetings. Describe in your own words (in 3-5 sentences) the significance of each research topic and why it piqued your interest. Type your summary as text entry, or upload a file in Canvas. **Due in Canvas by 11:59 PM on Nov 22nd.**

Personal Essay (10 points): Goals Statement - What are your long-term career goals? What motivated you to choose these specific goals? Why is your course of study at Colorado State University the most appropriate to help you achieve your goals? What impact do you hope to have on the world in your career? (Limit response to 1500 words.) **Due to Canvas by 11:59 PM on Dec 3rd.**

“Final Assessment” Dedicated Discussion Board - on current issues in Biochemistry (10 points)

Missed assignments - The first time you miss the deadline of any assignment, including quizzes, you will get 80% of the points as long as the assignment is completed within 7 days. However, no future late assignment will be accepted. In class assignments must be completed on time for full credit. Absences due to medical and family emergencies will be evaluated on a case-by-case basis.

Traditional letter grades (A to F) will be assigned. The individual class assignments will constitute the percentage of your grade as indicated above. Written assignments will be graded for spelling and grammar, as well as content and organization.

****We have the option to change the cut line on the grades****

Score	Grade
90 – 100%	A
80 – 89.9%	B
70 – 79.9%	C
60 – 69.9%	D
0 – 59.9%	F

POLICIES

Please check Canvas frequently in case schedules are altered. Overall, participation in this course is essential to learning the material. Students are expected to attend class, be on time, and stay for the entire session **when their group is expected to attend**. Students may miss one of these classes with no negative impact to their participation grade. If an additional excused absence is needed for a medical reason, the student must have a doctor's note and be in touch with the instructor before class. Two or more missed class periods will result in a lower participation grade. Participation will be graded by in-class participation and remote engagement.

Live, virtual and classroom conduct – Students are expected to assist in maintaining an environment that is conducive to learning and is respectful to the instructor and the other students. Within either the actual or virtual classroom, students are prohibited from using cellular phones (including texting/data/email), making offensive remarks, or engaging in any form of disruptive activity. Inappropriate behavior may result in a request to leave the class at the instructor's discretion.