2110-IN1-001-HAN

BIOL 2110C DISCUSSION SYLLABUS

Fall 2021

PRE/CO-REQUISITE COURSES:

All students must have received a 'C' or better in CHEM 1215/1215L.

REQUIRED MATERIALS:

Discussion manual should be brought to each Discussion Section.

Biology 2110C Molecular and Cell Biology: Discussion Manual – Fall 2021, Council-Garcia *et al*. – Available at the Dane Smith Hall Copy Center.

Biological Science 7th Edition, Freeman (Inclusive Access) – Hard copy available at the UNM Bookstore.

GRADING:

The Discussion section will count as 25% of your final grade in BIOL 2110C. Student discussion grades will be based on in-class activities, presentations, skills workshops, and homework. Students are responsible for actively tracking their grades on UNM Learn. Student grade concerns should be addressed with a TA or lab coordinator as soon as possible upon receiving graded work. Discussion assignment grades will be considered permanent three weeks after the due date. Students are responsible for adhering to University of New Mexico grade policies (refer to UNM Catalog). This class is not offered for Credit/No Credit.

WITHDRAWAL POLICY:

This course can be dropped without receiving a 'W' up until the end of Week 2 (Sep 03). After Sep 03, students will receive a 'W' at the time of withdrawal.

STUDENT EXPECTATIONS:

Students are required to arrive at all Discussion Sections on time. Please silence all communication devices while attending Discussion Sections. Students are expected to be present for the entire seventy-five minutes scheduled. Supplemental course materials will be available on UNM Learn.

STUDENT DISCUSSION GROUPS:

Student Discussion groups will be assigned during the second and eighth Discussions. All students are required to work with their group throughout the semester on a variety of assignments. It is important for students to learn to work cohesively within a group - many Discussion activities will depend on group cooperation.

ATTENDANCE:

Attendance at all Discussion Sections is required. Students are responsible for notifying their TAs prior to, or immediately after, missing a Discussion Section. (See Orange Card Policy below)

ORANGE CARD POLICY:

An Orange Card can be used to make up a missed discussion section or reschedule a discussion within the same week. Each student can be issued a maximum of 2 Orange Cards/semester. Orange Cards can be obtained from Biology Prep (CAST 68) using a valid ID. An Orange Card may be used to attend a different Discussion Section during the same week. Please review the full Orange Card Policy posted on UNM Learn.

UNM ADMINISTRATIVE MANDATE ON REQUIRED VACCINATIONS:

All students, staff, and instructors are required by UNM Administrative Mandate on Required Vaccinations to be fully vaccinated for COVID-19 as soon as possible, but no later than September 30, 2021, and must provide proof of vaccination or of a UNM validated limited exemption or exemption no later than September 30, 2021 to the UNM vaccination verification site. Students seeking medical exemption from the vaccination policy must submit a request to the UNM verification site for review by the UNM Accessibility Resource Center. Students seeking religious exemption from the vaccination policy must submit a request for reasonable accommodation to the UNM verification site for review by the Compliance, Ethics, and Equal Opportunity Office. For further information on the requirement and on limited exemptions and exemptions, see the UNM Administrative Mandate on Required Vaccinations.

UNM REQUIREMENT ON MASKING IN INDOOR SPACES:

All students, staff, and instructors are required to wear face masks in indoor classes, labs, studios and meetings on UNM campuses, see masking requirement. Qualified music students must follow appropriate specific mask policies issued by the Chair of the Department of Music and the Dean of the College of Fine Arts. Vaccinated and unvaccinated instructors teaching in classrooms must wear a mask when entering and leaving the classroom and when moving around the room. When vaccinated instructors are able to maintain at least six feet of distance, they may choose to remove their mask for the purpose of increased communication during instruction. Instructors who are not vaccinated (because of an approved medical or religious exemption), or who are not vaccinated yet, must wear their masks at all times. Students who do not wear a mask indoors on UNM campuses can expect to be asked to leave the classroom and to be dropped from a class if failure to wear a mask occurs more than once in that class. With the exception of the limited cases described above, students and employees who do not wear a mask in classrooms and other indoor public spaces on UNM campuses are subject to disciplinary actions.

A two-layer mask that covers the nose and mouth and that is cleaned regularly is acceptable, as are disposable medical masks, KN95, KF94, FFP1 and FFP2 masks. A face shield is not sufficient protection. It is vital that you wear your mask correctly, covering your nose and mouth. Removing your mask for an extended period to eat or drink in class violates the university mask requirement and endangers others.

If you don’t wear a mask, or if you do not wear a mask properly by covering your nose and mouth, you will be asked to leave class. If you fail to wear a mask properly on more than one occasion, you can expect to be dropped from the class. If you insist on remaining in the classroom while not wearing a mask, class will be dismissed for the day to protect others and you will be dropped from the class immediately.

Disposable masks are available at the entrance to all lab spaces, or in CAST 68.

COMMUNICATION ON CHANGE IN MODALITY:

The President and Provost of UNM may direct that classes move to remote delivery at any time to preserve the health and safety of the students, instructor and community. Please check UNM Learn regularly for updates about our class and please check https://bringbackthepack.unm.edu regularly for general UNM updates about COVID-19 and the health of our community.

ACADEMIC INTEGRITY STATEMENT:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or otherwise fails to meet the standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic dishonesty includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

ACCOMMODATION STATEMENT:

In accordance with University Policy 2310 and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. It is imperative that you take the initiative to bring such needs to the instructor's attention, as I am not legally permitted to inquire. Students who may require assistance in emergency evacuations should contact the instructor as to the most appropriate procedures to follow. Contact Accessibility Resource Center at 277-3506 or arcsrvs@unm.edu for additional information.

UNM is committed to providing courses that are inclusive and accessible for all participants. As your instructor, it is my objective to facilitate an accessible classroom setting, in which students have full access and opportunity. If you are experiencing physical or academic barriers, or concerns related to mental health, physical health and/or COVID-19, please consult with me after class, via email/phone or during office hours. You are also encouraged to contact Accessibility Resource Center at arcsrvs@unm.edu or by phone 277-3506.

CREDIT-HOUR STATEMENT:

This is a one credit-hour course. Class meets for one 170-minute session of direct instruction for fourteen weeks during the Fall 2021 semester. Students are expected to complete a minimum of six hours of out-of-class work (or homework, study, assignment completion, and class preparation) each week.

TITLE IX STATEMENT:

Our classroom and our university should always be spaces of mutual respect, kindness, and support, without fear of discrimination, harassment, or violence. Should you ever need assistance or have concerns about incidents that violate this principle, please access the resources available to you on campus, especially the LoboRESPECT Advocacy Center and the support services listed on its website (http://loborespect.unm.edu/). Please note that, because UNM faculty, TAs, and GAs are considered "responsible employees" by the Department of Education, any disclosure of gender discrimination (including sexual harassment, sexual misconduct, and sexual violence) made to a faculty member, TA, or GA must be reported by that faculty member, TA, or GA to the university's Title IX coordinator at the Office of Compliance, Ethics, and Equal Opportunity. For more information on the campus policy

regarding sexual misconduct, please see: https://policy.unm.edu/university-policies/2000/2740.html.

INDIGENOUS PEOPLES LAND AND TERRITORY ACKNOWLEDGEMENT:

Founded in 1889, the University of New Mexico sits on the traditional homelands of the Pueblo of Sandia. The original peoples of New Mexico Pueblo, Navajo, and Apache since time immemorial, have deep connections to the land and have made significant contributions to the broader community statewide. We honor the land itself and those who remain stewards of this land throughout the generations and also acknowledge our committed relationship to Indigenous peoples. We gratefully recognize our history.

CITIZENSHIP AND/OR IMMIGRATION STATUS STATEMENT:

All students are welcome in this class regardless of citizenship, residency, or immigration status. Your professor will respect your privacy if you choose to disclose your status. As for all students in the class, family emergency-related absences are normally excused with reasonable notice to the professor, as noted in the attendance guidelines above. UNM as an institution has made a core commitment to the success of all our students, including members of our undocumented community. The Administration's welcome is found on our website: http://undocumented.unm.edu/.

Week	Dates	Topic and Assignments
01	Aug 23 – Aug 27	Topic: The Scientific Method (p. 33) **Due by 11:59pm on Aug 27: WA-01**
02	Aug 30 – Sep 03	Topic: Chemistry (p. 37)
03	Sep 06 – Sep 10	Topic: Biological Molecules: Carbohydrates (p. 57)
04	Sep 13 – Sep 17	Topic: Biological Molecules: Lipids (p. 57)
05	Sep 20 – Sep 24	Topic: Deoxyribose Nucleic Acid (DNA) and Replication (p. 65)
06	Sep 27 – Oct 01	Topic: Membranes and Osmosis (p. 83)
07	Oct 04 – Oct 08	Topic: Cell Structure and Function (p. 75)
08	Oct 11 – Oct 15	No Discussion Sections – Fall Break
09	Oct 18 – Oct 22	Topic: Cell Signaling (p. 95)
10	Oct 25 – Oct 29	Topic: Cell Signaling (p. 95)
11	Nov 01 – Nov 05	Topic: Metabolism & Glycolysis (p. 105)
12	Nov 08 – Nov 12	Topic: Metabolism & Glycolysis (p. 105)
13	Nov 15 – Nov 19	Topic: Enzymes and Energy (p. 117)
14	Nov 22 – Nov 26	No Discussion Sections – Thanksgiving
15	Nov 29 – Dec 03	Topic: Cellular Respiration (p. 125)
16	Dec 06 – Dec 10	Topic: Mitosis (p. 149)
17	Dec 13 – Dec 17	No Discussion Sections – Final Exams