

PRE/CO-REQUISITE COURSES:

All students must have received a 'C' or better in BIOL 2110C, BIOL 2410C.

All students must have received a 'C' or better in MATH 162, 180, 1430 or 1512.

All students must be registered for BIOL 303, or have received a 'C' or better in BIOL 303.

REQUIRED MATERIALS:

Student Lab Manual and iClicker required for each Lab. Student Lab Manuals can be obtained from the UNM Copy Center in Dane Smith Hall. iClickers can be obtained from the UNM Bookstore.

GRADING:

Student grades are based on a Welcome Assignment, 14 Pre-lab Assignments, 14 iClicker Quizzes, 14 Research Briefs, and 2 EASE Workshops. BIOL 303L is a 1-credit course completed in tandem with BIOL 303 (Lecture Course). Students are responsible for actively tracking their grades on UNM Learn. Students with lab grade concerns should address them with their TA or Lab Coordinator as soon as possible upon receiving graded work. All Lab grades are considered permanent 2 weeks after a grade is assigned. Students are responsible for adhering to all University of New Mexico grade policies (refer to UNM Catalog). This course is not offered for Credit/No Credit.

WITHDRAWAL POLICY:

This course can be dropped without receiving a 'W' up until the end of Week 3 (Feb 04). After this date, students will receive a 'W' at the time of withdrawal.

STUDENT EXPECTATIONS:

Students are required to arrive at all Lab Sections on time. Please silence all communication devices while attending Lab Sections. Students are expected to be present for the entire two hours and fifty minutes scheduled. Supplemental course materials, Pre-lab Assignments, Research Briefs, and rubrics will be available on UNM Learn. Students should review the relevant materials prior to attending each Lab. Pre-Lab Assignments and Research Briefs must be completed on UNM Learn by 11:59pm on Tuesdays.

STUDENT LAB GROUPS:

Student Lab Groups will be assigned during the first and eighth Labs. You are required to work with your group throughout the semester on a variety of assignments. It is important to learn to work cohesively within your group because many Lab activities will depend on group cooperation.

PRE-LAB ASSIGNMENTS:

Pre-lab materials will be posted UNM Learn (available starting at 11:59pm on Fridays before a lab). The student Lab Manual contains a set of guided reading questions to answer while working through these pre-lab materials (these questions do not need to be submitted for a grade, but often overlap with questions and concepts present in the Pre-Lab Assignments). Each Pre-lab Assignment will consist of questions about these pre-lab materials and the exercises you will



complete in the upcoming lab. Pre-lab Assignments will become active on the Friday prior to a lab and are due by 11:59PM the Tuesday prior to the lab. Students are responsible for checking UNM Learn and completing the Pre-lab Assignment before each lab.

EASE WORKSHOPS:

Every student in BIOL 303L is required to complete two Essential Academic Skill Enhancement (EASE) Workshops. Information on these workshops can be found on UNM Learn.

The Advanced Library Research Workshop is offered during W02 & W03 (Jan 24 – Feb 04).

The Basic Excel Online Workshop is offered on UNM Learn during W02 & W03 (Jan 24 – Feb 04).

IClicker QUIZZES:

Every lab will include a series of iClicker questions as part of the presentation. These quizzes are designed to test your knowledge and comprehension of the pre-lab materials. Students are responsible for registering their iClickers, bringing their iClickers to lab in working order, and setting their devices to the proper channel. TAs will not accept handwritten responses in place of iClicker responses.

RESEARCH BRIEFS:

Research Brief assignments will be posted on UNM Learn. Students must download the appropriate assignment, complete the assignment, and turn it in by 11:59pm on the Tuesday following the lab. These Research Briefs have a 2-page maximum (not including figures). Some Research Briefs will be written as though they were in a peer-reviewed journal format, while others will be in the format of a series of guided questions about the research activities conducted in a lab. Each Research Brief assignment will include a rubric to help students write about why the main question is important, a hypothesis, a description of the experiment, any results and analyses, a discussion section, and conclusions.

All Full Research Briefs must be typed in 12 pt. 'Times' font, 1.5 line-spacing, with 1" margins. These assignments must have the student's name, TA's name, and section number at the top of the assignment. All full Research Briefs must be converted to a .pdf format (including all tables and graphs) prior to submission on UNM Learn.

LATE ASSIGNMENTS:

Assignments are considered late if they are not turned in by the posted due date. Late assignments will lose 25% of the maximum points (e.g. -5 on a 20 point Research Brief). Late assignments may be submitted in each quarter up until the dates listed below. Assignments submitted past the late submission deadlines will receive a zero.

Quarter		1	2	3	4
Assignment	Welcome Assignment	1			
	EASE Workshop	1, 2			
	Pre-Lab Assignment	1, 2, 9	10, 11, 12	13, 7, 3, 4, 5	6, 8, 14
	Research Brief	1, 2, 9	10, 11, 12	13, 7, 3, 4, 5	6, 8, 14
	Late Submission Deadline	Feb 18	Mar 11	Apr 22	May 08

ATTENDANCE:

Attendance at all 14 Labs is required. Students are responsible for notifying their TAs prior to, or immediately after, missing a Lab Section. Failure to notify your TA and obtain an excused absence will result in a zero for the iClicker Quiz and Research Brief associated with that lab. There are no make-up iClicker Quizzes or assignments should you have an unexcused absence.

VIRTUAL ORANGE CARD POLICY:

A Virtual Orange Card can be used to make up a missed lab. Each student can be issued a maximum of 2 Virtual Orange Cards per semester. Virtual Orange Cards can be obtained by filling out the Student Absence Form on UNM Learn. Virtual Orange Cards will give students a 1-week extension for assignments associated with the lab they use the Virtual Orange Card for (e.g. an assignment due by 11:59pm on the Tuesday in W03 will now be due by 11:59pm on the Tuesday in W04). Students are responsible for obtaining Virtual Orange Cards in a timely fashion to ensure they are able to visit TA Drop-in hours to clarify any part of the assignment that is not understood.

UNM ADMINISTRATIVE MANDATE ON REQUIRED VACCINATIONS:

UNM requires COVID-19 vaccination and a booster for all students, faculty, and staff, or an approved exemption (see: UNM Administrative Mandate on Required Vaccinations).

Proof of vaccination and booster, or a medical, religious, or online remote exemption, must be uploaded to the UNM vaccination verification site. Failure to provide this proof may result in a registration hold and/or disenrollment for students and disciplinary action for UNM employees.

Booster Requirement: Individuals who received their second dose of a Pfizer or Moderna vaccine on or before June 15, 2021, or their single dose of a Johnson & Johnson vaccine on or before October 15, 2021, must provide documentation of receipt of a booster dose no later than January 17, 2022.

Individuals who received their second dose of a Pfizer or Moderna vaccine after June 15, 2021 or who received their single dose of Johnson & Johnson after November 15, 2021 must provide documentation of receipt of a booster within four weeks of eligibility, according to the criteria provided by the FDA (6 months after completing an initial two-dose Moderna vaccine, 5 months after completing the Pfizer sequence, and 2 months after receiving a one-dose Johnson and Johnson vaccine).

International students: Consult with the Global Education Office.

Exemptions: Individuals who cannot yet obtain a booster due to illness should request a medical, religious, or online remote exemption (which may have an end date) and upload this to the vaccination verification site.

Medical and religious exemptions validated in Fall 2021 (see your email confirmation) are also valid for Spring 2022 unless an end date was specified in the granting of a limited medical exemption. Students must apply for a remote online exemption every semester.

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 the masking requirement. 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. Students and

employees who do not wear a mask in classrooms and other indoor public spaces on UNM campuses are subject to disciplinary actions. Medical/health grade masks are the best protection against the omicron variant and these masks should be used, rather than cloth.

Masks must be three-ply or better medical/health procedure mask. Masks must be worn in any indoor group setting, including classrooms. Masks must be worn properly to cover the nose and mouth.

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.

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

UNM STATEMENT ON COVID-19 SYMPTOMS AND POSITIVE TEST RESULTS:

Please do not come to a UNM campus if you are experiencing symptoms of illness, or have received a positive COVID-19 test (even if you have no symptoms). Contact your instructors and let them know that you should not come to class due to symptoms or diagnosis. Students who need support addressing a health or personal event or crisis can find it at the Lobo Respect Advocacy Center. 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 Spring 2022 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	Jan 17 – Jan 21	No Lab Sections – W01
02	Jan 24 – Jan 28	Lab Topic: QST Quantitative Skills I (p. 1) Due by 11:59pm on Jan 28: WA-01
03	Jan 31 – Feb 04	Lab Topic: QSO Quantitative Skills II (p. 9) Due by 11:59pm on Feb 01: PL-01, PL-02, RB-01 Due by 11:59pm on Feb 04: EA-01, EA-02
04	Feb 07 – Feb 11	Lab Topic: BEE Behavioral Ecology (p. 99) Due by 11:59pm on Feb 08: PL-09, RB-02
05	Feb 14 – Feb 18	Lab Topic: POP Population Dynamics (p. 111) Due by 11:59pm on Feb 15: PL-10, RB-09 Q1 Late Submission Deadline: 11:59pm on Feb 18
06	Feb 21 – Feb 25	Lab Topic: DOB Drivers of Biodiversity (p. 139) Due by 11:59pm on Feb 22: PL-11, RB-10
07	Feb 28 – Mar 04	Lab Topic: SPI Species Interactions (p. 123) Due by 11:59pm on Mar 01: PL-12, RB-11
08	Mar 07 – Mar 11	Lab Topic: ECD Ecosystem Dynamics (p. 147) Due by 11:59pm on Mar 08: PL-13, RB-12 Q2 Late Submission Deadline: 11:59pm on Mar 11
09	Mar 14 – Mar 18	No Lab Sections – Spring Break
10	Mar 21 – Mar 25	Lab Topic: SEL Selection (p. 43) Due by 11:59pm on Mar 22: PL-07, RB-13
11	Mar 28 – Apr 01	Lab Topic: NSM Non-Selective Mechanisms (p. 21) Due by 11:59pm on Mar 29: PL-03, RB-07
12	Apr 04 – Apr 08	Lab Topic: SDB Sexual Dimorphism and Behavior (p. 53) Due by 11:59pm on Apr 05: PL-04, RB-03
13	Apr 11 – Apr 15	Lab Topic: PHY Phylogenetics (p. 65) Due by 11:59pm on Apr 12: PL-05, RB-04
14	Apr 18 – Apr 22	Lab Topic: SAE Speciation and Extinction (p. 77) Due by 11:59pm on Apr 19: PL-06, RB-05 Q3 Late Submission Deadline: 11:59pm on Apr 22
15	Apr 25 – Apr 29	Lab Topic: TCP The Coevolutionary Process (p. 87) Due by 11:59pm on Apr 26: PL-08, RB-06
16	May 02 – May 06	Lab Topic: CON Conservation Biology (p. 157) Due by 11:59pm on May 03: PL-14, RB-08 Due by 11:59pm on May 06: RB-14
17	May 09 – May 13	No Lab Sections – Final Exams Q4 Late Submission Deadline: 11:59pm on May 08