

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:

Lab manual and iClicker should be brought to each Lab Section.

Biology 303L Ecology & Evolution: Lab Manual – Fall 2021, Council-Garcia *et al.* – Available at the Dane Smith Hall Copy Center.

Biological Science 7th Edition, Freeman (Newt cover) – Inclusive Access.

iClicker – Available at the UNM Bookstore.

GRADING:

Your grade will be based on a Welcome Assignment, Pre-lab Assignments, iClicker Quizzes, Research Briefs, and EASE Workshops. BIOL 303L is a 1-credit course completed in tandem with BIOL 303 (Lecture Course). You are responsible for actively tracking your grade on UNM Learn. If you have lab grade concerns, make sure to address them with your TA or Lab Coordinator as soon as possible upon receiving your graded work. After 3 weeks from the due date, a lab assignment grade will be considered permanent. You 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 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. Students should review their Lab Manuals prior to attending their Lab Section. Supplemental course materials, Pre-lab Assignments, Research Briefs, and rubrics will be available on UNM Learn. Please read 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 second 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. It is your responsibility to check UNM Learn and complete 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 will be offered during W02 & W03 (Aug 30 – Sep 10). Students must register for this workshop online using the link found on UNM Learn. Each workshop has limited seating and students are encouraged to register early to accommodate their schedules. Students will not be admitted if they arrive late to their scheduled workshop.

The Basic Excel Online Workshop will be offered on UNM Learn during W01 & W02 (Aug 23 – Sep 03). Students do not need to register for this workshop, but all students must complete the workshop before 11:59pm on Sep 03.

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.

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 you write about why the main question is important, your hypothesis, description of the experiment, results and analyses obtained, discussion, 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.

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, 3	4, 5, 6, 7	8, 9, 10, 11	12, 13, 14
	Research Brief	1, 2, 3	4, 5, 6, 7	8, 9, 10, 11	12, 13, 14
	Late Submission Deadline	Sep 17	Oct 15	Nov 19	Dec 14

ATTENDANCE:

Attendance at all Lab Sections 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 quizzes or assignments should you have an unexcused absence.

ORANGE CARD POLICY:

An Orange Card can be used to make up a missed lab or reschedule a lab 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 Lab 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	Lab Topic: QST Quantitative Skills I (p. 1) Due by 11:59pm on Aug 27: WA-01
02	Aug 30 – Sep 03	Lab Topic: QSO Quantitative Skills II (p. 9) Due by 11:59pm on Aug 31: PL-01, PL-02, RB-01 Due by 11:59pm on Sep 03: EA-01, EA-02
03	Sep 06 – Sep 10	Lab Topic: NSM Non-Selective Mechanisms (p. 21) Due by 11:59pm on Sep 07: PL-03, RB-02
04	Sep 13 – Sep 17	Lab Topic: SDB Sexual Dimorphism and Behavior (p. 53) Due by 11:59pm on Sep 14: PL-04, RB-03 Q1 Late Submission Deadline: Sep 17
05	Sep 20 – Sep 24	Lab Topic: PHY Phylogenetics (p. 65) Due by 11:59pm on Sep 21: PL-05, RB-04
06	Sep 27 – Oct 01	Lab Topic: SAE Speciation and Extinction (p. 77) Due by 11:59pm on Sep 28: PL-06, RB-05
07	Oct 04 – Oct 08	Lab Topic: SEL Selection (p. 43) Due by 11:59pm on Oct 05: PL-07, RB-06
08	Oct 11 – Oct 15	No Lab Sections – Fall Break Q2 Late Submission Deadline: Oct 15
09	Oct 18 – Oct 22	Lab Topic: TCP The Coevolutionary Process (p. 87) Due by 11:59pm on Oct 19: PL-08, RB-07
10	Oct 25 – Oct 29	Lab Topic: BEE Behavioral Ecology (p. 99) Due by 11:59pm on Oct 26: PL-09, RB-08
11	Nov 01 – Nov 05	Lab Topic: POP Population Dynamics (p. 111) Due by 11:59pm on Nov 02: PL-10, RB-09
12	Nov 08 – Nov 12	Lab Topic: DOB Drivers of Biodiversity (p. 139) Due by 11:59pm on Nov 09: PL-11, RB-10
13	Nov 15 – Nov 19	Lab Topic: SPI Species Interactions (p. 123) Due by 11:59pm on Nov 16: PL-12, RB-11 Q3 Late Submission Deadline: Nov 19
14	Nov 22 – Nov 26	No Lab Sections – Thanksgiving
15	Nov 29 – Dec 03	Lab Topic: ECD Ecosystem Dynamics (p. 147) Due by 11:59pm on Nov 30: PL-13, RB-12
16	Dec 06 – Dec 10	Lab Topic: CON Conservation Biology (p. 157) Due by 11:59pm on Dec 07: PL-14, RB-13 Due by 11:59pm on Dec 10: RB-14
17	Dec 13 – Dec 17	No Lab Sections – Final Exams Q4 Late Submission Deadline: Dec 14