

PRE/CO-REQUISITE COURSES:

All students must have received a 'C' or better in BIOL 201L, BIOL 202L, CHEM 121/123L, and CHEM 122/124L.

All students must have received a 'C' or better or be co-registered in MATH 180 or 162.

REQUIRED MATERIALS:

Both required texts should be brought to each Lab Section.

Biology 303L Ecology & Evolution: Lab Manual – Spring 2019, Council-Garcia *et al.* – Available at the Dane Smith Hall Copy Center.

Biological Science 6th Edition, Freeman (Vervet Monkey cover) – Available at the UNM Bookstore.

iClicker – Available at the UNM Bookstore.

GRADING:

Your grade will be based on 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 (Jun 14). After Jun 14, you will receive a 'W' at the time you withdraw.

STUDENT EXPECTATIONS:

Students are required to arrive at Lab Sections on time. Please silence all communication devices while attending Lab Sections. Research Briefs will be turned in at the start of the Lab Section. Research Briefs will be considered late 5 minutes after the start of Lab Section. Students are expected to be present for the entire two hours and fifty minutes scheduled.

Students should review their Lab Manuals prior to attending Lab Section. Supplemental course materials and Pre-lab Assignments will be posted on UNM Learn. Please read the relevant materials prior to class, and answer all assigned problems.

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 before each lab on UNM Learn. Materials for each lab will be posted prior to that lab. Your Lab Manual contains a set of guided reading questions to answer while working through these pre-lab materials. 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 Warmups will become active on the Monday/Thursday prior to a lab and will stay open until 11:59PM the Wednesday/Sunday prior to the lab. It is your responsibility to check

UNM Learn and complete the Pre-lab Assignment before each lab. Pre-lab Assignments will not be reopened due to student forgetfulness.

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. Orange Cards cannot be used for EASE Workshops, and there are no make-ups for EASE workshops.

The Advanced Library Research Workshop will be offered during W03 and W04 (Jan 28 – Feb 08). 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 (Jun 03 – Jun 07). Students do not need to register for this workshop, but all students must complete the workshop before 11:59pm on Jun 07.

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. It is your responsibility to check the website after each lab, download the appropriate assignment, complete the assignment, and turn it in at the start of the next 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 work must be typed in 12 pt. 'Times' font, single-spaced, with 1" margins. All assignments must have the student's name, TA's name, and section number at the top of each assignment. Please print assignments double-sided whenever possible. Handwritten or emailed assignments will receive no credit.

LATE ASSIGNMENTS:

Assignments are considered late if they are not turned in at the beginning of Lab Section. If an assignment is turned in 5 minutes after Lab Section has started it is late and will receive a zero. (See Orange Card Policy below)

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 iQuiz and Research Brief associated with that lab. Using an Orange Card to turn in an assignment, but not stay for lab is considered an unexcused absence. There are no make-up quizzes or assignments should you have an unexcused absence. If a student does not attend a lab they must still turn in any assignments due using an Orange Card or they will not receive credit (See Orange Card Policy below)

ORANGE CARD POLICY:

An Orange Card can be used to make up a missed lab or turn in late assignments. 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, or turn in assignments in another Discussion Section. Orange Cards must be used to turn in assignments or attend another Discussion Section in the same partial week. Please review the full Orange Card Policy posted on UNM Learn.

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 he/she are 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 for additional information.

TITLE IX STATEMENT:

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see pg 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>

CITIZENSHIP STATUS STATEMENT:

All students are welcome in this class regardless of citizenship, residency, or immigration status. Your Lab Coordinator will respect your privacy if you choose to disclose your status. UNM as an institution has made a commitment to the success of all our students, including members of our undocumented community. The UNM Administrator's welcome message is available at undocumented.unm.edu

Week	Date	Topic and Assignments
1A	Jun 03	Topic: Quantitative Skills I (p. 1) Assigned: Quiz 1, Research Brief 1, Pre-lab 1, Pre-lab 2 Due:
1B	Jun 06	Topic: Quantitative Skills II (p. 9) Assigned: Quiz 2, Research Brief 2, Pre-Lab 3 Due: Research Brief 1
2A	Jun 10	Topic: Non-Selective Mechanisms (p. 21) Assigned: Quiz 3, Research Brief 3, Pre-Lab 4 Due: Research Brief 2
2B	Jun 13	Topic: Sexual Dimorphism and Behavior (p. 53) Assigned: Quiz 4, Research Brief 4, Pre-Lab 5 Due: Research Brief 3
3A	Jun 17	Topic: Phylogenetics (p. 65) Assigned: Quiz 5, Research Brief 5, Pre-Lab 6 Due: Research Brief 4
3B	Jun 20	Topic: Speciation and Extinction (p. 77) Assigned: Quiz 6, Research Brief 6, Pre-Lab 7 Due: Research Brief 5
4A	Jun 24	Topic: The Coevolutionary Process (p. 87) Assigned: Quiz 7, Research Brief 7, Pre-Lab 8 Due: Research Brief 6
4B	Jun 27	Topic: Behavioral Ecology (p. 99) Assigned: Quiz 8, Research Brief 8, Pre-Lab 9 Due: Research Brief 7
5A	Jul 01	Topic: Population Dynamics (p. 111) Assigned: Quiz 9, Research Brief 9, Pre-Lab 10 Due: Research Brief 8
5B	Jul 04	No Lab Section – Independence Day
6A	Jul 08	Topic: Drivers of Biodiversity (p. 139) Assigned: Quiz 10, Research Brief 10, Pre-Lab 11 Due: Research Brief 9
6B	Jul 11	Topic: Species Interactions (p. 123) Assigned: Quiz 11, Research Brief 11, Pre-Lab 12 Due: Research Brief 10
7A	Jul 15	Topic: Selection (p. 43) Assigned: Quiz 12, Research Brief 12, Pre-Lab 13 Due: Research Brief 11
7B	Jul 18	Topic: Ecosystem Dynamics (p. 147) Assigned: Quiz 13, Research Brief 13, Pre-Lab 14 Due: Research Brief 12
8A	Jul 22	Topic: Conservation Biology (p. 157) Assigned: Quiz 14, Research Brief 14 (Due in class) Due: Research Brief 13
8B	Jul 25	No Lab Section – Finals