

COURSE PERSONNEL:

Instructor: Moses Michelsohn mmichelsohn@unm.edu
Online drop-in hours: Wednesdays, 1:30pm – 2:30pm or by appointment
Teaching Assistant: David Tan davidtan@unm.edu
Online drop-in hours: by appointment

REQUIRED MATERIALS:

This course does not require purchase of any textbooks. All required readings will be provided on UNM Learn.

UNM LEARN

This course requires that all students have access to UNM Learn. All materials required for this course, as well as assessments will be administered through UNM Learn. All students must have a UNM email account to access UNM Learn. Course communication will take place using UNM email – students must check their UNM email regularly throughout the semester.

GRADING:

Student grades will be based on Lab Assignments, MASB Activities, Research Chats, and Exams. Students are responsible for actively tracking their grades on UNM Learn. Student grade concerns should be addressed with a TA or instructor as soon as possible upon receiving graded work. 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 3 (Sep 04). After Sep 04, students will receive a 'W' at the time of withdrawal.

STUDENT EXPECTATIONS:

Students are required to review all provided materials and complete all assignments on time.

STUDENT LEARNING OBJECTIVES

Students who successfully complete this course will be able to:

1. Identify broad measures of biodiversity, describe the concept of a species and how many exist on Earth, and identify major taxa in the tree of life.
2. Summarize biodiversity patterns through space and time, explain the major patterns of diversity across the planet, and provide examples of how diversity has changed throughout evolutionary time.
3. Understand the interactions of humans and biodiversity and how these interactions relate to economics, conservation, infectious disease, and extinction.

LAB ASSIGNMENTS:

Students must complete 12 online Lab Assignments. Lab Assignments will be made available on UNM Learn Mondays and are due by 11:59pm on the following Sunday. Students must read/view a series of materials provided on UNM Learn prior to completing each Lab Assignment. Extensions will not be given for missed deadlines. Lab Assignments are worth 30% of the course grade (2.5% each).

MSB ACTIVITIES:

Students must complete 5 of 8 offered Museum of Southwest Biology Activities. These activities will become available to students in Week 04 and must be completed by individually by Week 14. The MSB Activities are worth 15% of the course grade (3% each).

RESEARCH CHATS:

Students must attend 4 of 6 offered Research Chats. These events will be scheduled once a week during Weeks 09 - 15. Students will have an opportunity to meet with UNM Biology researchers in a Zoom session and discuss their research, career paths, and opportunities available for student research. Research Chat attendance is worth 15% of the course grade (3.75% each). All students are encouraged to attend all offered Research Chats.

EXAMS:

Students must complete an exam on UNM Learn at the end of each quarter. Students may use all provided materials while working on the exams (open-book), but must complete the exams independently. Exams will be timed (students will have 2 hours to complete the exam starting when the exam is opened on UNM Learn). Students are advised to take the exams using a trustworthy internet connection (*e.g.* UNM Libraries). Exams will not be reopened due to problematic internet connections. Each exam will be focussed on material presented during the past quarter, but will incorporate material from previous quarters. Exams are worth 40% of the course grade (10% each).

LATE ASSIGNMENTS:

Assignments are considered late if they are not turned in by their assigned due dates and times. All late assignments will receive a zero. In the event of a documented medical or family emergency a student must schedule to meet with the instructor to discuss possible makeup work. Students with scheduled UNM activities should alert the instructor as soon as they become aware of schedule conflicts.

EXTRA CREDIT:

Each weekday (M-F) a one-question Extra Credit quiz will become available to students on UNM. This quiz will only be available for 24 hours. Extra Credit quizzes are designed to encourage students to engage with the course material (lectures, readings, and videos) throughout the week and completion of quizzes by students is entirely optional (Students can earn a maximum of 100% in BIOL 1150 without completing any Extra Credit quiz). Students correctly answering all 80 Extra Credit quizzes throughout the semester can increase their grade by up to 10% (+ 0.125% each).

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>

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 STATUS STATEMENT:

All students are welcome in this class regardless of citizenship, residency, or immigration status. Your instructor 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
01	Aug 17	Topic: What Is Biodiversity? Lab Assignment 01: Due by 11:59pm on Sunday, Aug 23
02	Aug 24	Topic: Biogeography Lab Assignment 02: Due by 11:59pm on Sunday, Aug 30
03	Aug 31	Topic: Measuring Biodiversity Lab Assignment 03: Due by 11:59pm on Sunday, Sep 06
04	Sep 07	Topic: Citizen Science Exam 01: Due by 11:59pm on Sunday, Sep 13
05	Sep 14	Lecture Topic: Early Life Lab Assignment 04: Due by 11:59pm on Sunday, Sep 20
06	Sep 21	Lecture Topic: The Rise of Multicellular Life Lab Assignment 05: Due by 11:59pm on Sunday, Sep 27
07	Sep 28	Lecture Topic: The Cenozoic Lab Assignment 06: Due by 11:59pm on Sunday, Oct 04
08	Oct 05	Lecture Topic: Environmentalism Exam 02: Due by 11:59pm on Sunday, Oct 11
09	Oct 12	Lecture Topic: Bacteria and Archaea Lab Assignment 07: Due by 11:59pm on Sunday, Oct 18
10	Oct 19	Lecture Topic: Protists Lab Assignment 08: Due by 11:59pm on Sunday, Oct 25
11	Oct 26	Lecture Topic: Early Plants Lab Assignment 09: Due by 11:59pm on Sunday, Nov 01
12	Nov 02	Lecture Topic: Flowering Plants Exam 03: Due by 11:59pm on Sunday, Nov 08
13	Nov 09	Lecture Topic: Fungi and Early Animalia Lab Assignment 10: Due by 11:59pm on Sunday, Nov 15
14	Nov 16	Lecture Topic: Invertebrates I Lab Assignment 11: Due by 11:59pm on Sunday, Nov 22 MSB Activities: Due by 11:59pm on Sunday, Nov 22
15	Nov 23	Lecture Topic: Invertebrates II Lab Assignment 12: Due by 11:59pm on Sunday, Nov 29
16	Nov 30	Lecture Topic: Vertebrates Exam 04: Due by 11:59pm on Sunday, Dec 06