BIOL 1110.550-General Biology (non-STEM majors)

Spring 2026 • CRN # 50323 • Online Lecture Syllabus

VALENCIA

Remote & UNM Canvas

Where: UNM CANVAS
Length: 16 Weeks
Date: Start-Tues. 1/19/26 to End-Fri. 5/15/25

• Welcome Students •

Course Information

This course introduces *non-science majors* to basic biological concepts including, but not limited to, the characteristics of life, chemistry, cell biology, genetics, evolution, biodiversity, and ecology.

Dr. T's Course Description

I love teaching Biology. First, we will start off with a broad overview that lists the characteristics of life and the organization of life. The characteristics of life will serve as our narrative while we learn more about biology.

We'll learn about the chemistry of cells and how everything we eat are composed of cells. Have you ever wondered when you are eating fruit, meat, or vegetables that you are eating cells that contain DNA? Yes, serve me a plate of DNA. Yum!

Then, we will learn about the organelles of cells and how cells obtain energy. Think of them as energy-producing little bodies. Next- we will discuss our DNA and how it determines what we look like and how DNA contributes to the continuation of life with reproduction and potential adaptation of life to the environment. The last quarter of the semester we will learn more about life's origin and Biodiversity and the importance of evolution to biology.

Note: This course will not count toward your UNM degree if you are thinking about majoring in Science.

I started my educational path at Dine College, a community college on the Navajo Reservation. My passion is teaching Biology and Microbiology and studying bacteria. I'm very excited to meet and work with you. -Dr. T

Tammi Duncan-Teller, PhD
tammid31@unm.edu

"I hope to continue to inspire our nation's youth to pursue careers in science, technology, engineering, and math so they, too, may reach for the stars."
--ELLEN OCHOA The First Hispanic Woman to Go to Space.

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Course Learning Outcomes (CLO) (See pg. 10-12 for Course Map)

At the completion of this course, students will be able to:

Introduction to Biology **CLO 1**: Explain the central ideas and process of biology. **CLO 2:** Explain the value of the scientific method.	**Module #:** Chapter sections **1:** Ch 1-1.1, 1.2
Introduction to Chemistry **CLO 3**: Explain how chemical and physical principles apply to biological processes at the cellular level.	**2:** Ch 2- 2.1, 2.3, 2.3
Cells **CLO 4**: Understand the basic concepts of cell biology.	**3:** Ch 3- 3.1, 3.2, 3.3, 3.4, 3.5 **4:**Ch 5.1-4.1, 4.2, 4.3, 5.1
Genetics **CLO 5**: Understand fundamental processes of molecular biology.	**5:** Ch 9-9.1, 9.2, 9.3, 9.4, 9.5 **6:** Ch 6- 6.1, 6.2, 6.3, 6.4 **7:** 7.1, 7.2, 7.3 **8:** 8.1, 8.2, 8.3
Biodiversity **CLO 6:** Understand the mechanisms of evolution, including natural selection, genetic drift, mutations, random mating, and gene flow. **CLO 7:** Understand that all organisms share properties of life as a consequence of their common ancestry.	**9:** Ch 11- 11.1, 11.2, 11.3

The overall goal of the course is to help you become literate in these scientific concepts and be able to apply them in your life as you move forward in reaching your educational goal.

Instructor Information

Tammi Duncan-Teller, Ph.D.

Office: Rm 111, Health Sciences Building

UNM-Valencia Arts & Sciences Front office:

505.925.8600

Email: tammid31@unm.edu

Drop-in Hours (Office hours):

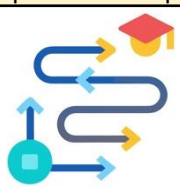
- Monday: 10:30am-11:30am (In Office)
- Tuesday: 12:00pm-1:00pm (In Office)
- Wednesday: none
- Thursday: 1:00pm-2:00pm (In Microbiology lab-VAHS 110)
- Friday: ZOOM Meets only from 10:30-11:30am by appointment only.

***I'm happy to meet outside these listed times with an appointment ☺

Zoom meeting address:
https://unm.zoom.us/j/5736149969
Password: biology

Biol 1110 Course Map for Course Learning Outcomes 1-4

Course Learning Outcome (CLO)	Module	Learning Objectives	Assessments	Materials
Introduction to Biology CLO 1: Explain the central ideas and process of biology. CLO 2: Explain the value of the scientific method.	1: Introduction to Biology- Ch 1	Identify and describe the properties of life (CLO 1) Describe the levels of organization among living things (CLO 1) Identify and describe the taxonomic levels (CLO 1) Apply the process of scientific inquiry (CLO 2)	Homework 1: Ch 1 Review 1- Ch 1, 2, 3 Exam 1- Ch 1, 2, 3	Read Ch 1: Sections 1.1, 1.2 Read Ch 1 Powerpoint (PPT) Slides
Introduction to Chemistry CLO 3: Explain how chemical and physical principles apply to biological processes at the cellular level.	2: Chemistry of Life – Ch 2	Describe the atomic structure of an atom (CLO 3) Identify macromolecules of life and explain how their structures relate to functions in cell (CLO 3, 4)	Homework 2: Ch 2 Review 1- Ch 1, 2, 3 Exam 1- Ch 1, 2, 3	Read Ch 2 Sections 2.1, 2.2, 2.3 Read Ch 2 PPT Slides
Cells CLO 4: Understand the basic concepts of cell biology.	3: Cell Structure & Function- Ch 3	Describe how cellular structures and functions are related (CLO 3, 4) Identify differences between prokaryotic and eukaryotic cells (CLO 4) Identify differences between plant and animal cells (CLO 4)	Homework 3: Ch 3 Review 1- Ch 1, 2, 3 Exam 1- Ch 1, 2, 3	Read Ch 3 Sections 3.1, 3.2, 3.3, 3.4, and 3.5 Ch 3 PPT Slides
	4: How Cells Obtain Energy- Ch 4 Photosynthesis (5.1)	Explain the importance of enzymes (CLO 4) Describe the metabolic process in cells (CLO 4) Compare and contrast cellular respiration and photosynthesis (CLO 4)	Homework 4: Ch 4 & 5.1 Review 2- Ch 4, 5.1, 9, 6 Exam 2- Ch 4, 5.1, 9, 6	Read Ch 4 Sections 4.1, 4.2, 4.3, and 5.1 Read Ch 4 & 5.1 PPT slides



Biol 1110 Course Map for Course Learning Outcome 5:

Course Learning Outcome (CLO)	Module	Learning Objectives	Assessments	Materials
Genetics CLO 5: Understand fundamental processes of molecular biology.	5: DNA Structure & Function- Ch 9	Describe the DNA structure (CLO 5) Compare and contrast DNA and RNA (CLO 5) Describe the process of transcription and translation (CLO 5) Explain what occurs to DNA when it mutates (CLO 5, 6)	Homework 5: Ch 6 Review 2- Ch 4&5.1, 9, 6 Exam 2- Ch 4&5.1, 9, 6	Read Ch 9 Sections 9.1, 9.2, 9.3, 9.4, 9.5 Read Ch 9 PPT slides
	6: Cell Reproduction- Ch 6	Describe the Cell Life Cycle (CLO 5) Describe the relationship between the cell cycle, mitosis, and cancer (CLO 5, 6) Explain the role of mitosis for asexual reproduction (CLO 5)	Homework 6: Ch 6 Review 2- Ch 4&5.1, 9, 6 Exam 2- Ch 4&5.1, 9, 6	Read Ch 6 Sections 6.1, 6.2, 6.3, 6.4 Read Ch 6 PPT slides
	7: Cellular Basis of Inheritance- Ch 7	Compare and contrast Mitosis and Meiosis (CLO 5) Explain the importance of meiosis for sexual reproduction and genetic diversity (CLO 5, 6)	Homework 7: Ch 7 Review 2- Ch 7, 8, 11 Exam 2- Ch 7, 8, 11	Read Ch 7 Sections 7.1, 7.2, 7.3 Read Ch 7 PPT slides
	8: Patterns of Inheritance- Ch 8	Explain the basic methods of inheritance from the molecular to organismal level (CLO 6) Solve genetics problems (CLO 5)	Homework 8: Ch 8 Review 2- Ch 7, 8, 11 Exam 2- Ch 7, 8, 11	Read Ch 8 Sections 8.1, 8.2, 8.3 Read Ch 8 PPT slides

Biol 1110 Course Map for Course Learning Outcomes 6-7:

Course Learning Outcome (CLO)	Module	Learning Objectives	Assessments	Materials
Biodiversity CLO 6: Understand the mechanisms of evolution, including natural selection, genetic drift, mutations, random mating, and gene flow. CLO 7: Understand that all organisms share properties of life as a consequence of their common ancestry.	9: Evolution and its process – Ch 11	Explain the process of evolution and natural selection (CLO 6) Understand the mechanisms of evolution, including natural selection, genetic drift, mutations, random mating, and gene flow (CLO 6) Understand that all organisms share properties of life as a consequence of their common ancestry (CLO 7)	Homework 9: Ch 11 Review 2- Ch 7, 8, 11 Exam 2- Ch 7, 8, 11	Read Ch 11 Sections 11.1, 11.2, 11.3 Read Ch 11 PPT slides

What is a course map?

For an online course, a **course map** shows how all the parts of an online course fits together, like a roadmap. Our course map organizes the structure of our course around its learning modules.

Course learning outcome (CLO)-These are set by state of NM Department of Education that if you take Biol 1110 in NM, it will be the same for every college/university in NM. Thus, helps with transferring credits.

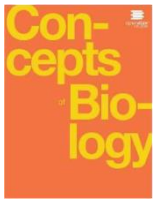
Module- These are folders in our course, organized as Week 1, Week 2, etc… that lists the learning objectives and the background videos, readings, or activities to help you learn the learning objectives.

Assessments-These are homework or activities that help you evaluate your knowledge of the learning objectives. These are homework assignment, review assignment, exams, or other activities.

Materials- These are eBook reading sections, videos, and power point slides that are provided for you to use to learn the learning objectives.

More information for a coursemap: https://www.coursemapguide.com/what-is-a-course-map

Required Learning Resources



1. **Electronic textbook:** Concepts of Biology. This book is available for free in web view and PDF. I strongly recommend downloading a PDF and saving the copy- https://openstax.org/details/books/concepts-biology/

You can also get the digital version from Amazon for free or a printed copy for a low cost. If the link doesn't work google search "openstax concepts of biology"

2. UNM Canvas: http://canvas.unm.edu**.** The webpage contains resources you need to succeed in the course. Login using your UNM username and password. You are responsible for all announcements, assignments, quizzes, tests and/or any changes to the syllabus will be posted on the webpage. Please check regularly.

canvas

3. Technology and computer: In this course, you will need a dependable computer or laptop, reliable internet connection, computer speakers and webcam, Microsoft PowerPoint and Word, and Adobe Flash Player. If anything happens contact Dr. T at tammid31@unm.edu.

Tips for success

PowerPoint Slides. Use the PowerPoint slides for each chapter to guide your reading and to identify the learning objectives. The Learning objectives should be used to test your knowledge of the material for each chapter.

Study habits. Your study habits might have to be adjusted for college. Use metacognition (awareness and understanding of one's own thought process), to help you make adjustments in time and your methods of your study habits. It's an ongoing process throughout your educational career. Plan time to review your Biology concepts everyday. I was encouraged as an undergraduate to think of attending college as an 8am-5pm job. The more you practice reanswering your concepts and learning objectives, the more you can remember it. Look at figures and read the chapter. It may take more than one reading to understand the material presented. Learn the vocabulary.

Drop-in hours. I am available to help you succeed in the class; stop by my office for face-to-face Drop-in hours or online via Zoom Drop-in (Zoom- Meeting ID: 573 614 9969 PW:biology) and I can clarify information, coach you with homework, or bring up other methods besides flashcards to help you remember the material.

Learning Center. The learning center has tutors ready to help Biology 1110 students. To register and set up an appointment, go to the following link: https://valencia.unm.edu/campus-resources/the-learning-center/learning-center.html

Study groups. Form online study groups. I always found that by hearing my explanation of the concept in my own words to my classmate helps me remember the information.

TIPS FOR SUCCESS continue...
Suggestions from students who have taken the class before.

Potential study methods

1. Record yourself reading the textbook and actively (meaning you are picturing what the words are describing) listen to it later.

2. You can also audio record the information on your flashcards to help you remember.

3. You can write a story in your own words about a mechanism to help you remember.

4. You can imagine you are tiny and picture yourself in one cell. Imagine you are on a trip through the cytoplasm, visualizing the mitochondria producing ATP or energy, and see how the DNA is being made.

5. You can use your body to picture things. For example, to picture the H_2O water molecule, your hands can be the Hydrogens and your head can be the Oxygen. Your head is bigger than your hands, so it would have more electrons "hanging out" near it, therefore it is more electronegative.

6. You can also imagine your dog as a bacteria and his/her tail as a flagellum. Then you can take sticky notes and start labeling him/her. Or you can draw a big cell on a large piece of paper (or tape six notebook pieces of paper together) and use sticky notes to label the parts. In this practice- you can color code the parts that are in plants with green, the parts for animal cells in pink, and the parts for bacterial cells in black.

7. You can draw logos to describe a mechanism.

8. You can rewrite your notes or draw your notes out.

9. You can draw a Concept Mapping: Chapter map of what you are going to learn for the Chapter to help you see the big picture and orient you while you read the material.

10. You can use the Learning objectives at the end of the powerpoints as your chapter outline and while you read you can answer the questions as you go.

11. You can create analogies to help you remember the concept.

12. You can pronounce terms with a specific kind of pronunciation that will help you remember. For example, microtubules are small, hollow cylinders about 25um in diameter and 0.2-25um in length. I think of hollow as something that echos… so I would pronounce microtubules as an echo…. (sounds gets fainter and fainter). MICROTUBULES-MICROtubules-microtubules… written as a way that would get fainter and fainter.

13. Draw pictures in the word. For example, a nonstop mutation is mutation that changes an amino acid to a STOP codon. You can draw one of the o's as a stop sign in the word, nonstop.

What's nice about making your own study tools is that you can save it and re-use it to study for your final and it could be one way to have fun. Use colors, color pencils, stick notes, music, smells, sounds. ~Dr. T

Course Policies

This is a three credit-hour asynchronous/remote course. Class does not meet face to face. It is 16 weeks long. Students are expected to complete readings, homework, study, Reviews, and exams, on their own by posted deadlines. This class will require holding self accountable for submitting completed assignments and assessments by the deadline. As your instructor, I will guide you through the material and please visit me during online Zoom drop-in hours or set up an appointment.

Participation. You must complete the weekly discussion board posts in order to receive participation points 1 point/discussion. -0.5pt for late discussion posts. Will not accept at 10 days late.

Make-up Exams. Make-up exams will be given to students with a documented emergency. You must notify me directly, Dr. T –instructor, tammid31@unm.edu **prior** to the day of the missed exam. Due dates are firm. Will not accept pass 10days late. Exams will only have one submission attempt given.

Homework. Three attempts are given, with incorrect or correct answer feedback given in the last attempt. The assignment with highest score is graded. These will be assigned weekly to help you master the learning objectives. Make-up homework will be students with valid excuse/emergency. You are Required to contact both me and Mrs. Kelly Bell. Due dates are firm. -1pts for late submission within 10 days. Not graded after 10days late.

Learning Logs. Learning logs will be submitted using an Assignment submission. In the first half the semester learning log will be given for a case study. The second half of the semester learning logs are assigned to complete semester projects in steps. -1pt for no name on submitted assignments. -1pt for late submission within 10 days. Not graded after 10 days late.

Review. There will be three Reviews over the chapters for each Exam. These will help you practice and apply the knowledge that you have gained. One will be due for each regular exam. -1pts late for submission within 10 days. Not graded after 10 days late.

Late assignment/homework. Late assignments/homework will only be accepted within 10 days following the due date. There will be -1pts deduction for late submissions.

Withdrawal. Last day to withdraw from class without a "W" on your transcript is **Fri. Feb. 5, 2026** at 5:00pm using UNM Canvas. Last day to withdraw from class with out Dean's signature/permission is **Fri. Apr. 18, 2026**. Please contact me, with your name and UNM ID stating that you would like to drop the class. I do not submit "W" after the 12th week of classes.

Drop policy. If a student misses three assignments, he/she may be dropped from the class. Also, if a student has not logged in to UNM CANVAS in two weeks he/she may be dropped. However, I will not drop students at or after the 12th week of the course.

Plagiarism. Only submit work that is yours. Always cite any work used using APA format. https://libguides.unm.edu/c.php?g=326014&p=2187071 Copy and Paste from Google, your classmates, or your book is considered plagiarism. Write answers in your own words.
You will receive two warnings with the assignment given a zero. A third time you will be dropped from the course and your Biology teacher and UNM Science & Wellness Department Chair at UNM Valencia will be notified.

Netiquette. The rationale of providing **Rules of Netiquette** for students is to provide guidelines for online behavior and communication between you and your classmates.
1. Your online behavior and communication should be similar to how you would treat and speak to a person in standing in front of you.
2. Be mindful of different backgrounds, which include cultural, linguistic, political, and religious differences.
3. Be respectful of other's views and opinions and try to remain open minded. You can have respectful disagreements. Avoid flaming, which is publicly attacking or insulting another person's view.
4. Provide constructive and concise responses to the subject of the posts in Discussion Forums and Blogs. Stay on topic, read all comments/viewpoints in discussion before contributing to discussion, avoid slang and profanity, be prepared to correct information if your comment is misunderstood or misinterpreted, and avoid using personal identifying information.
5. Practice good grammar and spelling skills. Use 12 pt. font Times New Roman or Calibri, avoid text shortcuts, define acronyms, use correct spelling, limit use of emoticons, and use clear and concise language. Use professionalism in your submissions, including photos.
6. Avoid the use of all CAPITAL LETTERS. It suggests shouting, impoliteness, or can be aggressive.
Reread you post, checking for sarcasm, slang or anger, before submitting it. Avoid sending a message out of anger or written if you are angry.
7. Email your instructor if you are in conflict with them or another student.
8. In relation to security, protect your passwords and don't send confidential information through email. If you suspect your password has been used, change your password.
9. There are specific listings of practices for email netiquette and message board netiquette below.

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Things to keep in mind

Accommodations: UNM is committed to providing equitable access to learning opportunities for students with documented disabilities. As your instructor, it is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact the UNM-Valencia Equal Access Services (Sarah Clawson, Coordinator), at (505) 925-8840 or by email at sjclawson@unm.edu. Also available is the Accessibility Resource Center at UNM-Albuquerque at arcsrvs@unm.edu or 505-277-3506.

Academic Integrity:

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy: https://policy.unm.edu/regents-policies/section-4/4-8.html.

The policy states:

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 who otherwise fails to meet the expected 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 is defined as:

Academic dishonesty includes, but not limited to, dishonesty in quizzes, tests, or assignments; Copying and pasting answers from Google; 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.
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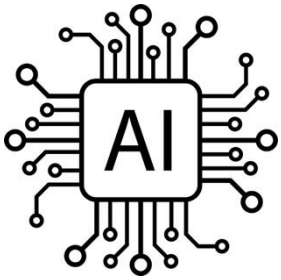
Use of AI (Artificial Intelligence) applications/programs for coursework:
Generative AI can be used in the classroom.



In Biol 1110, **acceptable** ways of using AI would be to help shorten your own writing, to help in translating, and help in researching topics for the case studies. Be mindful that generative AI programs can Fabricate (lie), carry biases (ranging from gender and racial biases), and have Privacy concerns. Thus, always critically consider answers and check the citing resources.

Unacceptable ways are using Generative AI programs to paste from for completing questions for Homework, Case Studies, Writing assignments, and completing your Semester Research Poster. Understand that by putting in the work to applying and understanding the material will help you develop trust and confidence in your critical thinking and learning. These are skills that you need in your respective career fields. I strongly encourage you to write, analyze, and complete assignments on your own, because this helps more then memorizing answers that were generated. If you are not sure about your use of Generative AI, please ask. If anything, think of Homework and assignments as your way of practice before you go out to perform on your Test. For example, in a sport, band, or other activities, you need to practice to build muscle and mental memory for your performance. It is similar for your tests.

Student Support: Our campus is dedicated to your successes, and we provide services that offer guidance. If you are not sure, please feel free to ask. Whether it is academic or not.

o PASOS Resource Center: http://valencia.unm.edu/campus-resources/pasos/pasosresourcecenter/resource-guide.html
o TimelyCare (https://valencia.unm.edu/campus-resources/pasos/pasos-resourcecenter/timelycare.html) is available to deliver a new virtual health-and well-being platform for all students. TimelyCare provides 24/7 access to virtual care from anywhere in the United States at no cost. You can talk to a licensed provider to get the care you need via phone or secure video visits. For additional questions or support in downloading the app and creating your profile, contact PASOS Resource Center (pasos@unm.edu).
o UNM-Valencia Learning Commons (Tutoring): http://valencia.unm.edu/campusresources/learning-commons/index.html
o TRIO Student Support Services: http://valencia.unm.edu/students/ssstrio/index.

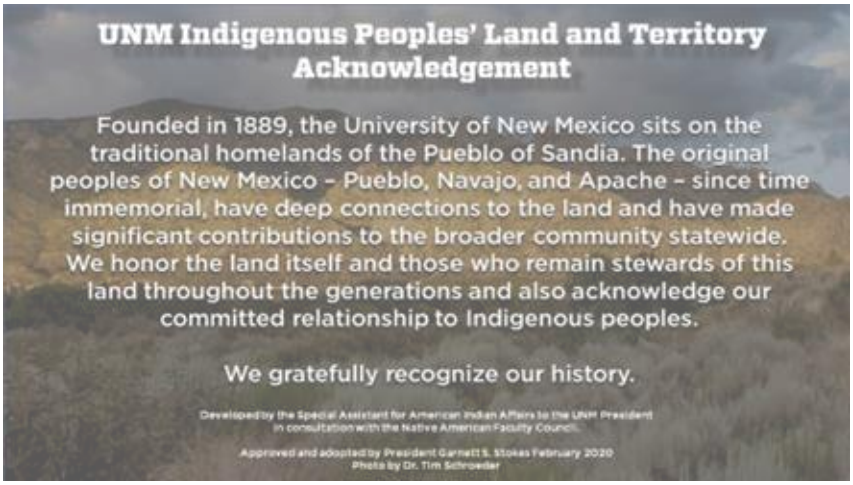
Equal Opportunity and Non-discrimination: UAP 2720 and 27400. Our classroom and university should foster mutual respect, kindness, and support. If you have concerns about discrimination, harassment, or violence, please seek support and report incidents. Find confidential services at LoboRESPECT Advocacy Center, the Women's Resource Center, and the LGBTQ Resource Center. UNM prohibits discrimination on the basis of sex (including gender, sex stereotyping, gender expression, and gender identity). All instructors are "responsible employees" who must communicate reports of sexual harassment, sexual misconduct and sexual violence to Compliance, Ethics and Equal Opportunity. For more information, please see UAP 2720 and UAP 2740.

Citizenship and/or Immigration Status: 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/.

Respectful and Responsible Learning: We all have shared responsibility for ensuring that learning occurs safely and equitably. UNM has important policies to preserve and protect the academic community, especially policies on student grievances (Faculty Handbook D175 and D176), academic dishonesty (FH D100), and respectful campus (FH CO9). These are in the *Student Pathfinder* (https://pathfinder.unm.edu) and the *Faculty Handbook* (https://handbook.unm.edu). Please ask for help in understanding and avoiding plagiarism or academic dishonesty, which can both have very serious consequences.

Support in Receiving Help and in Doing What is Right: I encourage students to be familiar with services and policies that can help them navigate UNM successfully. Many services exist to help you succeed academically and to find your place at UNM, see students.unm.edu or ask me for information about the right resource center or person to contact. UNM has important policies to preserve and protect the academic community, especially policies on student grievances (Faculty Handbook D175 and D176), academic dishonesty (FH D100), and respectful campus (FH CO9). These are in the *Student Pathfinder* (https://pathfinder.unm.edu) and the *Faculty Handbook* (https://handbook.unm.edu) Please ask for help in understanding and avoiding plagiarism or academic dishonesty, which can both have very serious disciplinary consequences.

Land Acknowledgement: (see https://diverse.unm.edu on appropriate use) 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.



Develop good study habits. Don't wait until the last minute.
Start your semester project early.

Review notes and readings everyday.

Prior to Module
- Read Chapter
- Print/review PowerPoints

For each Module
- Complete homework
- Ask questions
- Exam
- Take notes

After Module
- Read chapter
- Review/study notes & ppt.
- Complete homework

Grading Policy: **Grade earned for UNM Valencia Remote BIOL 1110 will be worth 100% of your performance on completing the listed assignments.**

Homework (21% of grade): Homework are practice question sets that are each worth 8pts and their total is 72pts. The goal of the homework is to give you more practice and a better understanding of current material. Starting in Week 6 through the remainder of the semester, Homework will only have one submission attempt given. -1pts for late submission. Only accepted within 10days late. For the score, grade is given from the submission that is completed before the due date. If grade is after due date and within 10days, points are deducted for being late.
Discussion Board (4% of grade): There are 14 Discussion Board posts that are each worth 1pt and their total is 15pts. These Discussion board posts help you reflect on your class performance, practice time management, and begin career planning. -0.5 points for late submission.
Learning Log (14% of grade): There are 14 Learning Log assignments that are each worth 4pts and their total is 60pts. -1pt for late submission. Only accepted within 10days late.
Semester Project (5%): There is one Semester Project that is worth 20pts. The objective of this project is to bring awareness to a topic in Biology by preparing a poster and recording a voice memo describing your poster. Not accepted after the official last day of classes.
Reviews (12% of grade): There are three Reviews. Each of these Reviews are worth 15 pts each and their total is 45pts. Reviews are due before your exam. Same submission guidelines as the Homework.
Exams (26% of grade): There are three exams. Two of these exams will be counted toward your grade. Each of these exams is worth 50 pts and their total is 100 pts with dropping the lowest score. You will be given one hour to complete the exam. No notes, textbook, or online resources. Starting in Week 6 through the remainder of the semester, Exams will only have one submission attempt given.
Cumulative Final (19% of grade): The Final is a 75pts exam at the end of the semester. The Final will be cumulative. You will have 1.5 hours to take this exam online. No notes, textbook, or online resources.

Grade Scale:

A+ 100% or higher **A** 91-99% **A-** 90%	**B+** 88-89% **B** 81-87% **B-** 80%	**C+** 78-79% **C** 71-77% (Passing) **C-** 70% (Not passing)	**D+** 68-69% **D** 61-67% **D-** 60% **F** <60%

	Points per assignment:	Total Points:	Percentage of overall grade:
Intro. Online Homework (1)	3pts	3pts	1%
Intro. Online Exam (1)	4pts	4pts	1%
Discussion Board (14)	1pt	14pts	4%
Homework (9)	8pts	72pts	19%
Learning Log (13 of 14)	4pts	52pt	14%
Semester Project (1)	20pts	20pt	5%
Review (3)	15pts	45pts	12%
Exams (2 of 3)	50pts	100pts	26%
Final Exam (1)	75pts	75pts	19%
TOTAL		**385 pts**	**100%**

Spring 2026 Course Schedule

Week	Date	Chapter: Topic	Items Due	Due Date @ 11:59pm
1	1/19 to 1/23	Introduction to Online Class HW, Discussion Board Submission, Intro. Online Exam	Intro. Online HW Intro. Online Exam Discussion 1 Learning Log 1	Sun. 1/25 Sun. 1/25 Fri. 1/23 Sun. 1/25
2	1/26 to 1/30	Ch 1: Introduction to Biology Book sections to read for Ch. 1: 1.1, 1.2	Homework 1: Ch 1 Discussion 2 Learning Log 2	Sun. 2/1 Fri. 1/30 Sun. 2/1
3	2/2 to 2/6	Ch 2: Chemistry of Life Book sections to read for Ch. 2: 2.1, 2.2, and 2.3 (Feb. 6 Last day to drop class without "W")	Homework 2: Ch 2 Discussion 3 Learning Log 3	Sun. 2/8 Fri. 2/6 Sun. 2/8
4	2/9 to 2/13	Ch 3: Cell Structure & Function Book sections to read for Ch. 3: 3.1, 3.2, 3.3, 3.4, and 3.5	Homework 3: Ch 3 Discussion 4 Learning Log 4	Sun. 2/15 Fri. 2/13 Sun. 2/15
5	2/16 to 2/20	Review 1 (Ch. 1, 2, & 3) **Exam 1 (Ch. 1, 2, & 3)**	Review 1 **Exam 1** Discussion 5 Learning Log 5	Fri. 2/20 **Thurs. 2/19** Fri. 2/20 Sun. 2/22
6	2/23 to 2/27	Ch 4: How Cells Obtain Energy Ch 5: Photosynthesis (5.1 only) Book sections to read for Ch. 4 and 5.1: 4.1, 4.2, 4.3, and 5.1	Homework 4: Ch 4/5 Discussion 6 Learning Log 6	Sun. 3/1 Fri. 2/27 Sun. 3/1
7	3/2 to 3/6	Ch 9: DNA Structure & Function Book sections to read for Ch. 9: 9.1, 9.2, 9.3, 9.4, and 9.5		
8	3/9 to 3/13	Extra Review time for Ch 4 and 5.1 and Ch 9 DNA Structure & Function	Homework 5: Ch 6 Discussion 7 Learning Log 7	Fri. 3/13 Fri. 3/13 Fri. 3/13
9	**3/16 to 3/20**	**UNM SPRING BREAK**	No Homework, No Quiz, No Discussion	
10	3/23 to 3/27	Ch. 6: Cell Reproduction Book sections to read for Ch. 6: 6.1, 6.2, 6.3, and 6.4	Homework 6: Ch 6 Discussion 8 Learning Log 8	Sun. 3/29 Fri. 3/27 Sun. 3/29
11	3/30 to 4/3	Review 2 (Ch. 4/5.1, 9, & 6) **Exam 2 (Ch. 4/5.1, 9, 6)**	Review 2 **Exam 2** Discussion 9 Learning Log 9	Fri. 4/3 **Thurs. 4/2** Fri. 4/3 Sun. 4/5
12	4/6 to 4/10	Ch. 7: Cellular Basis of Inheritance Book sections to read for Ch. 7: 7.1, 7.2, and 7.3	Homework 7: Ch 7 Learning Log 10 Discussion 10	Sun. 4/12 Sun. 4/12 Fri. 4/11
13	4/13 to 4/17	Ch. 8: Patterns of Inheritance Book sections to read for Ch. 8: 8.1, 8.2, and 8.3 (Apr. 17 Last day to drop class without Deans Permission)	Homework 8: Ch 8 Discussion 11 Learning Log 11	Sun. 4/19 Fri. 4/17 Sun. 4/19

***I reserve the right to make necessary changes.**

Spring 2026 Course Schedule

Week	Date	Chapter: Topic	Items Due	Due Date @ 11:59pm
14	4/20 to 4/24	Ch. 11: Evolution and its Process Book sections to read for Ch. 11: 11.1, 11.2, and 11.3 Course Evaluations OPEN 4/24 at 5pm	Homework 9: Ch 11 Discussion 12 Learning Log 12	Sun. 4/26 Fri. 4/24 Sun. 4/26
15	4/27 to 5/1	Review 3 (Ch. 7, 8, 11) **Exam 3 (Ch. 7, 8, 11)**	Review 3 **Exam 3** Discussion 13	Fri. 5/1 **Thurs. 4/30** Fri. 5/1
16	5/4 to 5/8	Ch 12. Diversity of Life Course Evaluations CLOSE Fri. 5/8 at 5pm	Homework 10: Ch 12 Discussion 14 **Research presentations** Learning Log 13	Sun. 5/12 Fri. 5/8 **Sun. 5/12** Sun. 5/12
Final	5/11 to 5/15	**Cumulative Final Exam**	**Final Exam** Discussion 15 wrap Learning Log 14	**Open Mon. 5/12-Fri. 5/16 at 3pm.** Fri. 5/15 Fri. 5/15

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Peer Advice for Biol 1110 General Biology

- *If you could take Biol 1110 again, what would you do differently?*

"I would reach out sooner if I was having difficulties navigating canvas."

"I would be more dedicated and take notes from the first week of the course to the very last week."

"If I could take this course again, I would try to get into a routine of studying and then completing the assignments so I'm not confused and behind in work."

"I would keep track of all the work that led to my answers, as well as follow the schedule we created more efficiently."

"Would probably manage my time better because when we first started, doing my work was a mess. By the end however I got the hang of how I could manage my work throughout the week."

"I would take more time on the assignments and do more research before my exams so I could be 100% positive and confident going into the exams."

"Some things that I would do differently is I could take Biol 1110 again is to try harder on my assignments, turn is work on time, and make more time for studying and completing assignments."

- *What advice regarding course work, preparation for exams, homework, completing lab material, or preparing for lecture would you like to share with next semester's students?*

"My advice would be to get your work done. Don't be like me and wait until last minute because it only makes things more stressful period as long as you study and follow the coursework, this class will be fun."

"I would say to make sure you stay on top of everything and communicate with your professors and teachers if you are dual credit."

"My advice to the students that are going to take this course in the future is to NOT slack off, even when times get rough."

"I would advise to keep up with the weekly assignments as much as you can because once you're behind on just one assignment, it's easy to become behind in everything assigned after."

"Keep track of everything that you deem important, and TAKE NOTES. Also study the review more efficiently."

"To take notes, because even if you can't use them it's nice to have them to look over and memorize before exams."

"One thing of advice that I would give to next semester's students is to stay on top of your work because when you fall behind even a little it is hard to get your grade back up to a good grade, and you can only do so much missing work till they won't accept it no more."