

UNM Valencia Campus

Semester: Spring

Year: 2018

Credits: 3 credit hours

Course Description: this course is an overview of biological principles important for the non-major in today's world. Ecological, evolutionary, and molecular topics will be discussed. *Credit is not applicable toward a biology major or minor.*

Instructor: Dr. Ben Flicker

Contact Information: My office is in the Academic Office in the Arts and Sciences building. My phone number on campus is 505-925-8726. My email address is benflicker@unm.edu. Email is the best way to contact me, though if you prefer phone conversations, I am largely reachable during my office hours.

For confidentiality purposes, only email me from your UNM email account.

Office hours: Mondays 10:30-12:00 & 1:00-3:00; Tuesdays 10:30-12:00 & 3:00-4:00; Thursday 3:00-4:00, or by appointment.

Student Learning Objectives:

- 1.) Students will display an understanding of the scientific method.
- 2.) Students will exhibit familiarity with basic plant and animal structure, function, growth and development.
- 3.) Students will demonstrate knowledge of basic concepts and mechanisms of genetics and inheritance.
- 4.) Students will demonstrate the ability to apply concepts learned to critically examine biology stories in news media.

Course Webpage: Course materials will be posted on the course website (<https://learn.unm.edu>). This includes the syllabus, all assignments, grades, announcements, and links to email the instructor and other students in the course. You are responsible for all announcements that may be posted on the course page, so please check regularly. All homework assignment instructions, templates, and submissions, will be found on the course website.

Homework Assignments: 6 homework assignments will be given throughout the semester. These will require you to apply concepts learned in the course to the real world. You will be given 1-2 weeks to complete these assignments. I will accept late homework assignments. The first time you are late, I will give you 2 'free' days, where your homework will be accepted and no penalty will be assessed on your grade. **After the first late assignment, each additional late assignment will be assessed a 10% late penalty each day it is late.**

All homework assignment guidelines and instructions can be found on the course website under the 'homework' section found in the lefthand column. You will also upload your homework assignments through the course website. If you ever have trouble uploading a homework document to the learn page, I will also accept them attached as emails to my email account.

All homework assignments must be submitted as word documents (.doc or .docx).

All homework assignments are due by the end of the day (11:59:59 pm) on their due date.

Homework Assignment Schedule:

Assignment 1 (Introduction & Syllabus quiz) Due February 20th

Assignment 2 (Biological molecules) Due March 5th

Assignment 3 (Cell Biology) Due March 19th

Assignment 4 (Energy) Due April 2nd

Assignment 5 (Evolution) Due April 16th

Assignment 6 (Plant Biology) Due April 30th

Withdrawal: If you drop the course after the drop deadline, you will receive a grade of 'W'.

Course Grading Policy: Your grade in this class will be made up of the following:

65%- High school class grade

35%: Online homework assignments

- 100%=A+, 92-99=A, 90-91=A-, 89=B+, 82-88=B, 80-81=B-, 79=C+, 72-78=C, 70-71=C-, 69=D+, 62-68=D, 60-61=D-, <60=F.

* Instructor reserves the right to alter course schedule as the semester progresses. Students will be given advance notice (at least 1 week) of any change in dates of homework assignments or exams.

Thank you for registering for Biology 110 at UNM-VC. I am very excited to be here to help you continue your education and achieve your goals.