

# Course Syllabus

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Office hours: By appointment (<https://calendly.com/drlockwood/bz220-office-hours>Links to an external site.)

## Textbook:

- Freeman S & Herron JC. *Evolutionary Analysis* (5th Edition). Pearson Prentice Hall: NJ
- Course website: on Canvas; has course content: lecture outlines and homework

## Course objectives:

- Identify and understand the four mechanisms of evolution
- Learn to make and to test evolutionary hypotheses regarding short-term changes (microevolution) and descent among species (macroevolution)
- Identify evolution through population genetics
- Be able to identify adaptations
- Describe the evolutionary history of life
- Understand the current understanding of Human evolution

## Grading:

- 2 midterm exams            100 (50 each)
- Cumulative final exam    100
- In-class assignments     40
- 6 homework assignments 60 (10 each)
- Total:                        300 points
- There will be no opportunities for extra credit
- Grades will follow: 90%-A; 80%-B; 70%-C; 60%-D; <59%-F. Plus/minus grades will be used.
- You will have three class periods to contest any grading errors (homework and exams). Once that time has passed, no changes will be made.

## Homework:

- Six assignments, each worth 10 points will be turned in at **beginning** of the class period.
- Type and double-space your answers. Handwritten assignments will not be accepted. Please do not email homework assignments. You may handwrite computations.

- No more than one page for an entire homework. Thoroughly answer the questions, but be brief.
- You may work in groups, but please use your own words – copying answers will result in a zero for both parties for that assignment.

## Academic Integrity

At minimum, academic integrity means that no one will use another's work as their own. In this modern era, "another's" includes AI generated text or images unless specifically authorized. Academic Integrity is explicitly described

here: <https://resolutioncenter.colostate.edu/academic-integrity/>. [Links to an external site.](#)

Examples of violating Academic Integrity include (but are not limited to):

- Cheating; includes using unauthorized sources of information and providing or receiving unauthorized assistance on any form of academic work or engaging in any behavior specifically prohibited by the faculty member.
- Plagiarism; includes the copying of language, structure, ideas, or thoughts of another, and representing them as one's own without proper acknowledgment.
- Unauthorized Possession or Disposition of Academic Materials; includes the unauthorized selling or purchasing of examinations or other academic work; stealing another student's work; unauthorized entry to or use of material in a computer file; and using information from or possessing exams that an instructor did not authorize for release to students.
- Falsification; any untruth, either verbal or written, in one's academic work.
- Facilitation; knowingly assisting another to commit an act of academic misconduct.

If you plagiarize in your work you will lose credit for the plagiarized work, you will fail the assignment (not just a part of the assignment), and you may fail the course. Plagiarism could result in expulsion from the university. Each instance of plagiarism, classroom cheating, and other types of academic dishonesty will be addressed according to the principles published in the CSU Student Conduct

Code: <https://resolutioncenter.colostate.edu/wp-content/uploads/sites/32/2018/08/Student-Conduct-Code-v2018.pdf> [Links to an external site.](#) [Open this document with ReadSpeaker docReader](#) [Links to an external site.](#)

If you give your homework to a fellow student who then turns in an identical copy you are both guilty of cheating. You will both fail the assignment and may both fail the course.

Of course, academic integrity means more than just avoiding plagiarism. It also involves doing your own reading and studying. It includes regular class attendance, careful

consideration of all class materials, and engagement with the class and your fellow students.

### **In-class assignments:**

- Work to be completed primarily in class. Will consist of participation, small group discussions, submitting questions, paper discussions.

### **Exams:**

- The first two exams will not be cumulative. However, the final exam is cumulative, with emphasis on the last third of the course.
- Exams will include multiple choice, true/false, fill in the blank and short answer questions covering material presented in lecture. Reading your textbook will help you better understand the material.
- **NO ELECTRONICS** are allowed on your desk or on you during exams (e.g., no earphones, no cell phones). Note that this also means that during the exam, you may NOT use your cell phone or any device capable of text or email to monitor the time. You will be asked to remove or turn any hats or head coverings that prevent your eyes from being seen. Students who violate policies on academic integrity will be asked to leave the exam and given a zero.
- Make-up exams are not allowed unless it is a University excused absence with proof of extenuating circumstances is provided (letter from coach or faculty facilitator). Make-up exams will be essays and/or oral, and will be after the test date. Trips, weddings and other personal events are not excusable absences.

### **Tips for doing well in this class:**

- **Understand concepts.** This course teaches large conceptual ideas however, you must also recognize the specific terminology associated with each concept.
- **Attend class.** Exams and homework will cover material presented in class. If changes occur during the course, you are responsible for knowing these changes.
- **Take notes.** Lectures will be presented mainly as handouts, but taking notes ensures you will understand the material.
- **Read your textbook.** It provides great “review” questions for each chapter and reviewing your homework and answer keys will also be helpful.
- **Ask questions.** If something is unclear to you, it is probably unclear to many others. Ask questions in class and/or use office hours. Get help before it's too late!