BZ 101 Humans and Other Animals Spring 2023 Chemistry A103 TR 9:30-10:45

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COVID-19 information

All students are expected and required to report any COVID-19 symptoms to the university immediately, as well as exposures or positive tests from a non-CSU testing location.

If you suspect you have symptoms, or if you know you have been exposed to a positive person or have tested positive for COVID, you are required to fill out the COVID Reporter (https://covid.colostate.edu/reporter/). If you know or believe you have been exposed, including living with someone known to be COVID positive, or are symptomatic, it is important for the health of yourself and others that you complete the online COVID Reporter. Do not ask your instructor to report for you. If you do not have internet access to fill out the online COVID-19 Reporter, please call (970) 491-4600. You may also report concerns in your academic or living spaces regarding COVID exposures through the COVID Reporter. You will not be penalized in any way for reporting. When you complete the COVID Reporter for any reason, the CSU Public Health office is notified. Once notified, that office will contact you and, depending upon each situation, will conduct contact tracing, initiate any necessary public health requirements, and notify you if you need to take any steps.

For the latest information about the University's COVID resources and information, please visit the CSU COVID-19 site: <u>https://covid.colostate.edu/</u>.

Course Description

BZ 101, Humans and Other Animals, is a biology course intended for non-science majors. The DNA molecule is the blueprint of life, and it is with this premise that BZ 101 will explore: common life processes, form and function of the human body, evolution, and biodiversity. A number of current and controversial socio-scientific issues, related to course content, will be addressed.

Course Objectives

Upon successful completion of this course, students will be able to distinguish basic biological concepts and characteristics that are fundamental to all living organisms. They will have knowledge of typical human body organization and typical organ system functions, and the ability to relate that knowledge to atypical or disease situations. Lastly, students will have skills to recognize evolutionary processes and apply them to the understanding of biodiversity.

Academic Integrity and Classroom Behavior

Academic integrity lies at the core of our common goal: to create an intellectually honest and rigorous community. Because academic integrity, and the personal and social integrity of which academic integrity is an integral part, is so central to our mission as students, teachers, scholars, and citizens, you will be asked to respond to the following statement on your exams:

"I have not given, received, or used any unauthorized assistance."

CSU policies on academic integrity and classroom behavior can be found in the CSU General Catalog <u>http://catalog.colostate.edu/general-catalog/policies/students-</u> responsibilities/#academic-integrity

Textbook and Connect Biology

The textbook for the course is Inquiry into Life 17th ed, by Mader and Windelspecht. To reduce your course material cost, the CSU bookstore participates in the **Inclusive Access Program**, using McGraw Hill Connect Biology, which will include online homework and access to the full text. Note: All enrolled students are automatically included in this program; the cost is ~ \$66.

Connect Biology Access Instructions:

You will use McGraw's courtesy access until the Add/Drop date. Use the following URL to obtain your free trial access: https://connect.mheducation.com/class/k-raines-bz-101-section-001-spring-2023

- If you (the student) choose to opt out of the program provided by the CSU Bookstore, you must purchase the access code on your own.
- If you choose **not to opt out a code will be emailed to you** which will provide you access to the class materials for the remainder of the semester after Add/Drop date.
- PLEASE check your email (colostate.edu address) after Add/Drop date to receive the full code.

Opting Out of Inclusive Access

• If you choose an alternate method of access to the online content and homework platform, you must **opt out** of the Inclusive Access program prior to the Add/Drop date to avoid billing. **To opt out, you will need to follow a link provided, in an email, from the bookstore.**

Colorado State University Canvas

Power point slides, recorded lectures, study guides, reference materials and grades will be posted in Canvas (<u>http://info.canvas.colostate.edu/login.aspx</u>). A Canvas app for smart phones is available free of charge for Canvas users.

SmartBook Assignments in Connect Biology

There are 27 SmartBook assignments (one for each assigned chapter) in Connect Biology. <u>https://connect.mheducation.com/class/k-raines-bz-101-section-001-spring-2023</u> Each SmartBook assignment is worth 5 points. The SmartBook assignment due dates can be found in the course schedule, in canvas assignments, and on the Connect Biology site. Connect Biology is "synced" with canvas, so the SmartBook assignments can be accessed through canvas.

In-class group assignments and Canvas quizzes

There will be numerous in-class group assignments (exercises and discussions). Participation will be required of all students. In-class group assignments and canvas quizzes will be graded. Canvas quizzes will be used to test students on material from the in-class group assignments, chapter readings and smartbook assignments. Canvas quizzes will be on Thursdays (except for exam days) beginning the second week of classes. Each canvas quiz consisting of 5 multiple choice questions, will open at 10:30 am and close at 10:45 am the same day. Canvas quizzes will have a time limit of 15 minutes.

Tests

There will be 4 hourly exams and a final exam during the semester. All exams will be taken in class unless other arrangements have been made, ahead of time, with the instructor. Exams including the final exam will consist of 60 multiple choice questions (120 points/exam). The time limit for exams 1-4 is 75 minutes. The time limit for the final exam is 2 hours. The final exam is NOT a cumulative exam. Study guides and practice exams will be available in canvas 7-10 days before each exam. There are no makeup exams.

If a student misses an hourly exam due to illness, injury or some other personal reason, the student will receive a "0" for that test. The lowest hourly exam (1-4) will be dropped. The **final exam is mandatory and can't be dropped**.

Methods of Evaluation

Grade Points	Grade Percentage
SmartBook Assignments: 27 (5 points each): 135	17
In-class assignments ~16 (5 points each) 90	11
Canvas Quizzes 10 (10 points each) 100	12
Exams: 4 (120 points each)-lowest exam dropped: 360	45
Final Exam: 120	15
Total Points: 805	100%

Grades

To calculate final course grades, the total number of points earned (exam scores – lowest exam + SmartBook assignments + In-class assignments + Canvas quizzes + Final exam) will be divided by total points possible (**805**). The average will be multiplied by 100 and the grades will be assigned using the following scale:

Letter Grade	Numerical Equivalent
A+	98-100
А	93-97
A-	90-92
B+	87-89
В	83-86
В-	80-82
C+	77-79
С	70-76
D	60-69
F	0-59

Need help?

If you are feeling depressed, overwhelmed, or experiencing a mental health emergency, counseling services has trained professionals who can help. **Contact 970-491- 6053 or go to 3rd floor of the CSU Health and Medical Services building**. If you are concerned about a friend or peer, tell someone by calling 970-491-1350 to discuss your concerns with a professional who can discreetly connect the distressed individual with the proper resources (http://safety.colostate.edu/tell-someone.aspx). **In the case of a life-threatening emergency, call 911**.

Other resources include:

TELEPHONE SERVICES

CSU Health Network On-Call Counselor: (970) 491-7111 – The on-call staff member will typically return the call within 15 minutes.

Colorado Crisis Services/Suicide Prevention Lifeline: (970) 494-4200 or (844) 493- TALK (8255)

National Suicide Prevention Lifeline: (800) 273-TALK (8255)

Transgender Suicide Prevention Hotline (Trans Lifeline): (877) 565-8860

24/7 WALK-IN MENTAL HEALTH SERVICES

SummitStone Community Crisis

<u>Clinic</u> 1217 Riverside Ave., Fort Collins, CO 80524 (970) 494-4200

24/7 EMERGENCY ROOM SERVICES Poudre Valley Hospital

1024 S Lemay Ave, Fort Collins, CO 80524 (970) 495-7000

Banner Fort Collins Medical Center

4700 Lady Moon Dr., Fort Collins, CO 80528 (970) 821-4000

UCHealth Emergency Room – Harmony 4630 Snow Mesa Dr., Fort Collins, CO 80528 (970) 237-8100

BZ101 Humans and Other Animals Schedule Spring 2023

Week	Dates	Chapter #: Topic	Assignments Due dates are in parentheses
Week 1	Jan 16-20	1: The Study of Life 2: The Molecules of Cells	Connect SmartBook, Chap 1 (Jan 20) Chap 2 (Jan 18)
Week 2	Jan 23-27	3: Cell Structure & Function 4: Membrane Structure & Function	Connect SmartBook, Chap 3 (Jan 23) Chap 4 (Jan 25) <mark>Quiz 1 (Jan 26)</mark>
Week 3	Jan 30-Feb 3	5: Cell Division	Connect SmartBook, Chap 5 (Jan 30) <mark>Exam 1 (chaps 1-5) Feb 2</mark>
Week 4	Feb 6-10	11: Human Organization 12: Cardiovascular System	Connect SmartBook, Chap 11 (Feb 6) Chap 12 (Feb 8) <mark>Quiz 2 (Feb 9)</mark>
Week 5	Feb 13-17	13: Lymphatic & Immune Systems 14: Digestive System & Nutrition	Connect SmartBook, Chap 13 (Feb 13) Chap 14 (Feb 15) <mark>Quiz 3 (Feb 16)</mark>
Week 6	Feb 20-24	15: Respiratory System 16: Urinary System & Excretion	Connect SmartBook, Chap 15 (Feb 20) Chap 16 (Feb 22) <mark>Exam 2 (chaps 11-16) Feb 23</mark>
Week 7	Feb 27-Mar 3	17: Nervous System 20: Endocrine System	Connect SmartBook, Chap 17 (Feb 27) Chap 20 (Mar 1) <mark>Quiz 4 (Mar 2)</mark>

Week 8	Mar 6-10	21: Reproductive Systems	Connect SmartBook <i>,</i> Chap 21 (Mar 6) <mark>Quiz 5 (Mar 9)</mark>
	Mar 13-17	Spring Break 😇	
Week 9	Mar 20-24	22: Development 23: Genetics	Connect SmartBook, Chap 22 (Mar 20) Chap 23 (Mar 22) Disc. 8: Preventing and Testing for <mark>Quiz 6 (Mar 23)</mark>
Week 10	Mar 27-31	24: Chromosomal Inheritance	Connect SmartBook, Chap 24 (Mar 27) <mark>Exam 3 (chaps 17, 20-24) Mar 30</mark>
Week 11	Apr 3-7	25: Molecular Genetics 26: Biotechnology/Genomics	Connect SmartBook, Chap 25 (Apr 3) Chap 26 (Apr 5) <mark>Quiz 7 (Apr 6)</mark>
Week 12	Apr 10-14	27: Evolution 28: Microbiology	Connect SmartBook, Chap 27 (Apr 10) Chap 28 (Apr 12) <mark>Quiz 8 (Apr 13)</mark>
Week 13	Apr 17-21	31: Animal Diversity PT. I 32: Animal Diversity PT. II	Connect SmartBook, Chap 31 (Apr 17) Chap 32 (Apr 19) <mark>Exam 4 (chaps 25-32) Apr 20</mark>
Week 14	Apr 24-28	33: Behavioral Ecology35: Nature of Ecosystems	Connect SmartBook, Chap 33 (Apr 24) Chap 35 (Apr 26) <mark>Quiz 9 (Apr 27)</mark>
Week 15	May 1-5	36: Major Ecosystems 37: Conservation Biology	Connect SmartBook, Chap 36 (May 1) Chap 37 (May 3) <mark>Quiz 10 (May 4)</mark>
Week 16	Wed, May 10	Final Exam	Final Exam (chaps 33 & 35-37) May 10, 6:20 – 8:20 pm