

Biol. 213**Field Natural History****Spring 2019**

Professor: Dr. Tonya McKinley

Office: S-201B Telephone: 304-384-5219 (Dept. 304-384-5327)

E-mail: NA Fax: 304-384-6225 Dept. Website: <https://www.concord.edu/biology/>

Office Hours: M-F 11:00-12:00 pm; By Appointment

Class Meetings: Lecture Section 1 T, TH 12:30-1:45 pm Science Bld. 204
CRN 20012 3 Credits

Inclement Weather Schedule: Lecture 1:15-2:15 pm

Prerequisites: None. It can be used as the 3 credit (non-lab) course for General Studies. Biology majors can use it as either a Biology or a Science elective.

Text: Constantz, George. **Hollows, Peepers and Highlanders: An Appalachian Mountain Ecology**, 2nd ed., West Virginia University Press, 2004. ISBN 0-937058-86-6. Read one chapter before each lecture starting with the prologue. We will eventually cover all the topics in the book.

This syllabus is subject to modification although every effort will be made to adhere to the defined schedule. Additional reading assignments may be given as announced in class. Changes to the syllabus or course schedule may be announced verbally in class at any time. You are responsible for such changes even if not in attendance.

Concord University Mission Statement: <http://www.concord.edu/academics>

Course Description: Field Natural History is an introductory interdisciplinary science course, relating the physiography, geology, climate, biotic history, and present day natural communities of the Appalachians to the broader principles of the rock cycle, geologic time, continental drift, evolution, global air movements, biogeographic realms and biomes, adaptation, and phenology. The aim is to provide specific regional information within a broader framework of space, time and change.

Course Objectives: Develop a basic understanding of geology and how Appalachian mountains were formed.
Understand how the mountain physiography affects weather and climate.
Develop an appreciation of the various life forms found in Appalachia and how each is adapted to its environment.
Describe the role of evolution in the history and diversity of life
Discuss ways to decrease the negative impacts of humans on the environment.

CU Educational Goals: Skills 4, Knowledge 2 & 5

Course Enrollment: You must be enrolled in this course in order to attend lectures and to take exams. If you do not enroll by the first full week of classes, or if you are dropped from the roll sheet by Registrar or Business office, it is your responsibility to re-enroll. Classes missed for being dropped from the roll sheet are considered unexcused. If you miss exams for the above reasons you will not be eligible for a make up exam and your grade for the exam missed will be a 0.

Class Attendance and Participation: Class attendance in lecture is mandatory. Students are expected to arrive on time and to have read any assigned material in advance of the lecture session in which it is scheduled. Attendance and active participation in class will be worth 1 pt. on your final grade. **Students who are late to class more than 3 times will not receive their attendance point. Students with more than 2 unexcused lectures will not receive their attendance point.** Excessive class absences will not be tolerated and will be handled according to the guidelines of the Concord University Academic Catalog (you may be IW from the class). **No late work or electronic submissions will be accepted!**

Examinations: There are a total of 3 exams. Each exam will be 50 multiple choice questions and is designed to fit into a 75 min. period. This includes the final exam, which is not comprehensive and is just the 3rd lecture exam. Exams may be given on the margins of breaks. It is your responsibility to be present to take these exams. Your public and private transportation issues are not my problem. If you arrive slightly late to a lecture exam, including the final exam, and your classmates are still taking the exam you will have what is left of the 75 min. class period to take your exam. If you arrive very late to a lecture exam, including the final exam, and all your classmates have turned in their exams then you have missed the exam and your grade will be a 0.

Make-up Exams: The instructor has final say in determining whether you qualify for a make up exam. Exams may be given on the margins of breaks. It is your responsibility to be present to take these exams. Your public and private transportation issues are not my problem. Oversleeping, forgetting the time and date of your exam, losing track of time because you were studying in the library etc. are not considered valid excuses for missing an exam.

Make-up exams will be administered only if the scheduled exam is missed due to:

Participation in an approved Concord University sponsored activity (athletic trip, academic meeting). **It is your responsibility as the student to provide a paper copy of the approval form that has been signed by the VPAD office. I must have written notice 5 days prior to the event and you must take the exam before you leave or you will receive a 0.**

Illness (if **you** are sick and have a written Doctor's excuse), hospitalization or some serious reason (family emergency or death of an immediate family member). **You must take the make up exam within 48 hrs. after you return to school or you will receive a 0.**

All make up exam times will be determined by the instructor and may begin as early as 7:15 am. No Exceptions!

Final Grade Determination:

Average of 3 Lecture Exams + 1 Attendance Point (If earned) = Final Grade

Grade Scale:

A 90-100 B 80-89 C 70-79 D 60-69 F <60

Accommodations for Students with Disabilities: Students needing special accommodations due to disabilities should contact Disabilities Services by phone (ext. 6086) or e-mail nellison@concord.edu. Written notification of a request for accommodations, from the above agency, needs to be received by me before the end of the first full week of classes. No accommodations will be given without written notification. If a problem occurs part way through the semester, written notification from the above agency needs to be received before any action can be taken. No retroactive measures will be taken to adjust test scores due to lack of documentation.

CU Honor Code: All aspects of the Concord University code of Academic Honesty are in effect for this course.

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states:
"As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same."

The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

Academic Dishonesty: Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties. Students who violate this code (by cheating on examinations, plagiarism, etc.) will receive a failing grade of 0 for that exam or paper and will be reported to the Department/Division Chairs. The instructor may take further disciplinary action resulting in failure of the course and/or expulsion from the University may occur. See

CU Student Handbook for further information and University Catalog Academic Policies and Procedures.

Auditing: Students who wish to change their status from grade to audit must see me before the first exam (lecture or lab) to obtain my permission. No student may change their status to audit, in this course, after the first exam (lecture or lab) is given. Approval for changing to audit requires extenuating circumstances. Audit cannot be used to avoid a poor or failing grade (D or F). See University Catalog Academic Policies and Procedures.

Use of Electronic Devices in the Classroom & Laboratory: Cell Phones and Pagers must be turned off. These types of devices that ring or play music during lecture constitute a classroom disruption. Students who habitually forget to turn off their cell phones and pagers will be IW from the class see the Concord University Academic Catalog. Texting is not permitted under any circumstances. The use of tape recorders to record lecture is permissible. Computers may be used to take notes (IM, net surfing, games etc. during lecture will not be tolerated). **No electronic devices, including internet compatible watches, will be permitted during testing situations! No electronic devices, including internet compatible watches, will be allowed out when exams are returned!** Students who have electronic devices out during a test or when test are returned will be IW from the class.

Classroom Conduct: Disruptive and unsafe class behavior will not be tolerated and will be handled according to the guidelines of the Concord University Academic Catalog (you may be IW from the class). Habitual lateness is a classroom disruption. Students who are habitually late will find themselves locked out of the classroom and/or may be IW from class.

Date	Topic
Jan. 15 T	Intro. Remarks/Determining Factors in Biogeography
17 TH	Appalachian Physiographic Regions
22 T	Plate Tectonics and Continental Drift
24 TH	The Rock Cycle and Rock Types
29 T	Geologic Time and Origin of the Appalachians
31 TH	Recent Theories of Appalachian Origin
Feb. 5 T	Geologic Events of the last 250 million years and The New River
7 TH	Origin of Appalachian Biota and The Biogeographic Realms
12 T	Exam 1
14 TH	Global Air Movements and World Climate
19 T	Appalachian Climate and Seasonal Weather Patterns
21 TH	The Major World Biomes
26 T	North American Biomes
28 TH	History of the Eastern Deciduous Forest

Mar. 5	T	After the Glaciers and The last 12,000 years
7	TH	The Eastern Deciduous Forest
12	T	Spring Break, No Classes
14	TH	Spring Break, No Classes
19	T	Appalachian Forests, Appalachian Forest Tales
21	TH	Exam 2
26	T	Appalachian Bogs and Caves
28	TH	Heaths, Slicks, Balds, Shale Barrens and Cliffs
Apr. 2	T	Appalachian Phenology: Spring, Bird Song and Sap Rise
4	TH	Wildflowers and Amphibians
9	T	Bird Migration and Leafing Out
11	TH	Summer, Wildflowers, Fields, and Black Flies
16	T	Cicadas and Snakes
18	TH	Autumn, Hawks and Blackbirds
23	T	Monarchs, Panthers and Leaf Fall
25	TH	Winter, Adaptive Strategies, Herbs, and Bird Flocks
30	T	Slope, Shadow, Snowpack, Animal and Plant Dispersal
May 2	TH	Scavenger Hunt
9	TH	Exam 3 (Final Exam) 11:30 am-12:45 pm

Inclement Weather Policy

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

University Closure

No students or employees are to report.

Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

Operating on an Inclement weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

*Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service.

Emergency Alert System: In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-

5291). See CU Student Handbook for further information and <http://www.concord.edu/emergency-alerts>

Emergency Information: Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the Rahall Technology Center. See CU Student Handbook for further information and <http://www.concord.edu/administration/office-public-safety>

Sexual Harassment & Assault. Federal law, Title IX, and Concord University policy prohibits discrimination, harassment, and violence based on sex and gender (Including sexual harassment, sexual assault, domestic/dating violence, stalking, sexual exploitation, and retaliation). If you or someone you know has been harassed or assaulted, you can receive confidential counseling support through the Concord University Counseling Center (304-384-5290). Alleged Violations can be reported non-confidentially to the Concord University Title IX Coordinator at 304-384-6327 or titleix@concord.edu. Reports to Campus Security can be made at (304-384-5357).

Hardware/Software Needed: NA

Technology Services: Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail cuhelpdesk@concord.edu.