

Biology 101 Winter 2019 Schedule

	Weekly Reading	Monday	Wednesday	Friday (LAB)
Week 1	Read for Wednesday Ch. 1, 21-21.2 Homework: Log on to Moodle and get course materials.	<u>Jan 7</u> Intro to life on Earth & The nature of Science	<u>Jan 9</u> Climate Change & Threats to Biodiversity Due: Bring Green Book to Class	<u>Jan 11</u> Lab #1: Climate Change Due: Pre-lab #1
Week 2	Read for Monday Ch. 19-19.3 Read for Wednesday: Article	<u>Jan 14</u> Population Ecology Reading Quiz #1 Reading Guide #1 Due	<u>Jan 16</u> Populations, cont. Community Interactions	<u>Jan 18</u> Lab #2: Population Dynamics Due: Lab #1, Pre-lab #2
Week 3	Read for Wednesday Ch.19.4, 20-20.1, 5.1	<u>Jan 21</u> MLK Day No School	<u>Jan 23</u> Community Ecology & Food Webs Reading Quiz #2 Reading Guide #2 Due	<u>Jan 25</u> Lab #3: Community Ecology Due: Lab #2, Pre-lab #3
Week 4	Read for Wednesday Ch. 20.2	<u>Jan 28</u> Midterm #1 (Chapters 1, 21, 19, 5.1, 20-20.1)	<u>Jan 30</u> Biogeochemical Cycles Reading Quiz #3 Reading Guide #3 Due	<u>Feb 1</u> Lab #4: Nutrient Pollution Due: Lab #3, Pre-lab #4
Week 5 **Two Quizzes this Week**	Read for Monday Ch. 11.1 and Ch.12 Read for Wednesday Read: 13.1, Article	<u>Feb 4</u> Natural Selection & Diversity of Life Reading Quiz #4 Reading Guide #4 Due	<u>Feb 6</u> Bacteria Reading Quiz #5 Reading Guide #5 Due	<u>Feb 8</u> Labs #5: Bacteria Due: Lab #4, Pre-lab #5
Week 6	Read for Wednesday Ch. 13.2- 13.4	<u>Feb 11</u> Protists & Lab Results	<u>Feb 13</u> Fungi Reading Quiz #6 Reading Guide #6 Due	<u>Feb 15</u> Lab #6: Protists and Fungi Due: Lab #5, Pre-lab #6
Week 7	Read for Wednesday Ch. 14 all, 5.1	<u>Feb 18</u> President's Day No School	<u>Feb 20</u> Diversity of Plants Reading Quiz #7 Reading Guide #7 Due	<u>Feb 22</u> Lab #7: Plants Due: Lab #6, Pre-lab #7
Week 8	Read for Wednesday Ch. 15-15.4	<u>Feb 25</u> Midterm #2 (Chapters 20.2, 11, 13)	<u>Feb 27</u> Intro to Animals Invertebrates Due: Article Review	<u>Mar 1</u> Lab #8: Invertebrates Due: Lab #7, Pre-lab #8
Week 9	Read for Monday: Article Read for Wednesday Ch. 15.5-15.6	<u>Mar 4</u> Invertebrate Ecology	<u>Mar 6</u> Arthropods Reading Quiz #8 Reading Guide #8 Due	<u>Mar 8</u> Lab #9: Arthropods Due: Lab #8, Pre-Lab #9
Week 10	Read for Monday Ch. 15.6 Read for Wednesday: Article	<u>Mar 11</u> Vertebrates Reading Quiz #9 Reading Guide #9 Due	<u>Mar 13</u> Vertebrates, cont. Preserving Biodiversity	<u>Mar 15</u> Lab #10: Vertebrates Due: Lab #9 & #10
Finals Week		<u>Mar 18</u> FINAL EXAM 8:00 am CRN: 30307 (8:30 am class)	<u>Mar 20</u> FINAL EXAM 8:00 am CRN: 30887 (10:00 am class)	

Biology 101 General Biology – Winter 2019

CRN 30307 and CRN 30887

General Information

Instructor Information

Heidi Herring
herrinh@linnbenton.edu
Office number: WOH 220
Office hours: Monday 12:00-1:00 pm
(or by appointment)

Course Information

CRN 30307

Lecture: Mon, Wed 8:30-9:50 am WOH 217
Lab: Friday 8:00-9:50 am WOH 218

CRN 30887

Lecture: Mon, Wed 10:00-11:20 am WOH 217
Lab: Friday 10:00-11:50 am WOH 218

Course Description

Biology 101 is an introduction to ecology, diversity of life, and environmental issues. The course is designed to help non-science majors, or those not yet decided on a major, discover and appreciate the workings of biology.

Student Learning Outcomes

1. Be able to discuss biological community interactions.
2. Be able to explain how changes in human population and /or actions impact natural ecosystems.
3. Be able to describe the movement of energy & nutrients through trophic levels.
4. Recognize the appropriate taxonomic level of an organism based on key characteristics or traits.

Course Materials

- **Concepts of Biology- [OpenStax](https://openstax.org/details/books/concepts-biology)** textbook
Available FREE online at: <https://openstax.org/details/books/concepts-biology>
or purchase at Campus Bookstore \$29 or on iBooks for \$4.99 (actual prices may vary)
- **BI 101 General Biology Lab Packet:** Purchase at bookstore.
- **One Green Book:** Purchase at bookstore.
- **Three ScanTron Sheets:** You will need a ScanTron sheet for each exam.

Class Policies

Grading

Evaluation of student learning outcomes will be based on individual performance on homework, labs, quizzes, and exams.

Primary Teaching Methods

Lectures, in-class activities, textbook and lab assignments are the primary sources of information for this course. Students are responsible for reading the required chapters in preparation for that days lecture. Questions on quizzes and exams will be formulated using reading assignments, lecture notes and in-class activities. Power point slides will be available for download and review on Moodle after the lecture.

Lab Assignments

Labs provide hands-on experience requiring students to make critical thinking decisions that may influence the outcome of the lab. Students are also required to analyze and interpret data. Students are required to attend at least 60% of the labs to pass the course**. Labs may not be made up if missed (you may not attend another section's lab). **Pre-laboratory assignments are due at the beginning of each lab and are worth 1/4 of your lab grade.** The pre-labs are usually the first one or two pages of each lab in the lab packet. You will be responsible for the material from all labs on the exams. *****If you miss more than 4 labs, you will fail this course regardless of academic standing.*****

Reading Guides (Homework Assignments) and Article Review

Reading guides will be given to better help you understand the material presented in the text. **You may use your completed reading guide during each reading quiz and you will turn it in after the quiz for credit.** Reading guides will serve as homework assignments and one article review assignment will be given during the course the term.

Quizzes

There will be 9 reading quizzes, which will test you on the information given in the text. You will be given 10 minutes at the beginning of class for taking the quiz. *Lowest quiz score will be dropped.* **If you need to miss a quiz, contact me for a make-up quiz. You may use your reading guide while taking the quiz!**

In-class Activities and Reflections

We will be doing several graded in-class activities and written reflections throughout the term. It is important that you come to class so you do not miss out on activities and points!

Exams

Two one-hour midterm exams will be given during regularly scheduled lecture times. Midterms are worth 100 points each. The final exam will be cumulative covering all material throughout the term and your score will represent your mastery of the subject matter. The Final Exam is worth 150 points.

Make-Up Exams and Late Work

It is very important that quizzes and exams be taken on time. **All excused midterms or quizzes can be made up with no penalty within three days or by appointment.** Make up exams and quizzes will be taken in the Student Assessment Office, RCH – 111 or at office hours. Late homework, lab assignments will be accepted for a 50% reduction in points. If you miss a quiz or assignment, please see me!

Grading

All grading is based upon mastery of the subject matter of this course. Points towards your final grade will be awarded as follows. Assignments and point totals may change:

Graded Assignments	# of Points Possible	% of Final Grade	Grading Scheme
Labs: 10 labs @ 10 pts each (drop lowest)	90	15%	90 – 100% = A
Article Review	10	2%	80 – 89% = B
9 Reading Guides @ 5 pts each (drop lowest)	40	7%	70 – 79% = C
9 Quizzes @ 10 pts each (drop lowest)	80	14%	60 – 69% = D
5 In-Class Activities @ 2 pts each	10	2%	59.9% and below = F
2 Midterms @ 100 pts each	200	35%	
1 Final Comprehensive Exam @150 pts	150	25%	
Total	580	100%	

Additional Grading Options

Two additional grade assignments are possible; incomplete and Y. An incomplete will only be assigned when all course material except the final exam has been completed. The Y, which indicates insufficient basis for a grade, will only be assigned to students that completed less than 50% of the course and neglected to drop from the course.

Behavior and Expectations

Student Behavior

Students are required and expected to attend all lectures and labs. If a student misses class, it is that student's responsibility to determine material missed, obtain handouts, make-up assignments (when possible), and to keep track of upcoming assignments and due dates.

Guidelines for communication

My primary communication method with you is through your **Linn-Benton email address** and our **Moodle class page**. If you do not check you LBCC email, you will miss emails from me regarding assignments, due dates and exams.

Cell Phone and Laptop Usage

Cell Phones are **NOT** allowed in class. Please **TURN OFF** your phone and put it away before class so it will not ring and disrupt the class. **Text messaging is not allowed!**

Laptops are allowed in class but must be used only for class-related activities, such as taking notes or accessing online assignments (when instructor is not talking). The instructor reserves the right to limit laptop use in class if it becomes a distraction.

Academic Integrity

Academic dishonesty is defined as an intentional act of deception in which a student seeks to claim credit for the work or effort of another person or uses unauthorized materials or fabricated information in any academic work. It includes cheating, fabrication, tampering, plagiarism, or assisting another student to commit these acts of academic dishonesty. Academic dishonesty will not be tolerated and will result in a grade of zero on the assignment or exam. You are held accountable to the [Student Code of Conduct](#), which outlines expectations pertaining to academic honesty (including cheating and plagiarism), classroom conduct, and general conduct. For some examples of how to maintain academic integrity, see: http://www.hks.harvard.edu/degrees/registrar/procedures/integrity#heading_03.

Attendance/Tardiness Policy

Students are required and expected to attend all lectures and labs. If a student misses class, it is that student's responsibility to determine material missed, obtain handouts, make-up assignments (when possible), and to keep track of upcoming assignments and due dates. **If you are late to class, you may miss a reading quiz!!!**

College Policies

LBCC Email and Course Communications

You are responsible for all communications sent via Moodle and to your LBCC email account. You are required to use your LBCC provided email account for all email communications at the College.

Disability and Access Statement

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please talk to your instructor as soon as possible to discuss your needs. You should meet with your instructor during the first week of class if:

1. you have a documented disability and need accommodations,
2. your instructor needs to know medical information about you, or
3. you need special arrangements in the event of an emergency.

If you have documented your disability, remember that you must make your request for accommodations through the Center for Accessibility Resources Online Services web page every term in order to receive accommodations. If you believe you may need accommodations, but are not yet registered with CFAR, please go to <http://linnbenton.edu/cfar> for steps on how to apply for services or call 541-917-4789.

Statement of Non-discrimination

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, gender, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information: <http://po.linnbenton.edu/BPsandARs/>

Statement of Inclusion

To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to producing culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

Title IX Reporting Policy

If you or another student are the victim of any form of sexual misconduct (including dating/domestic violence, stalking, sexual harassment), or any form of gender discrimination, LBCC can assist you. You can [report](#) a violation of our sexual misconduct policy directly to our Title IX Coordinator. You may also report the issue to a faculty member, who is required to notify the Coordinator, or you may make an appointment to speak confidentially to our Advising and Career Center by calling 541-917-4780.

Campus Police/Emergency Resources

You may review emergency services and resources at the LBCC [Public Safety website](#). Campus Safety can be reached using the 'Code 2' button on any campus phone or by dialing x411 on campus or (541) 917-4440 off campus. Dial 911 for off campus emergencies.

Changes to the Syllabus

I reserve the right to change the contents of this syllabus due to unforeseen circumstances. You will be given notice of relevant changes in class, through a Sapling Announcement, or through LBCC e-mail.

Support Services Available

Library: The LBCC Library is the main library on campus and offers students many helpful resources. Please see <http://library.linnbenton.edu/home> for more information.

Tutoring / Writing Center: LBCC has free tutoring services for a variety of academic disciplines. You can find information about their services at <https://www.linnbenton.edu/tutoring-center> and <https://www.linnbenton.edu/writing-center>.

Basic Needs: Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Single Stop Office where we help students get connected to helpful resources. Email: SinglestopatLBCC@linnbenton.edu or call 541-917- 4877 or go to Takena Hall, RM 112.