

BI 101: General Biology (4 credits)

LBCC Spring 2022

CRN 40216 and 40243 March 28 to June 10, 2022

Lectures Monday 1 pm & Wednesday 10 am Labs Friday 10 am OR 1 pm

NOTE: The first day of class is March 28th. This is a virtual course, meaning that we log on together at specific times using Zoom, Moodle and our webcams and microphones. All course materials will be provided through Moodle. Please download the Zoom app to your computer, tablet or phone to be able to participate in our real-time virtual classroom at the regularly scheduled class time. All assignments are submitted on Moodle. If you are unable to attend some of our regularly scheduled Zoom classes, you can watch the Zoom recordings of our class on Moodle. Students who regularly joined the Zoom class meetings in previous terms made much better grades than those who did not attend the online virtual classes.

Join our Zoom Meetings by clicking on the link and passcode posted on our Moodle course site.

Instructor: Dr. Susan Morr  Email: morres@linnbenton.edu

Office: I will NOT be using the office this term.

VIRTUAL Office Hours: By appointment (contact me by email or stay on Zoom at end of class). I will also host an open Zoom review session each week on Mondays from 5:00 to 6:00 pm so you can pop in to ask any questions about course materials, assignments, or whatever you want to discuss.

Class Schedule and Format: Course materials are organized into weekly modules on Moodle. Our virtual class meets online three days each week for 10 weeks using Zoom.

WEEK 1 ONLY: Show up at either 10 am or 1 pm for our first class. Day one includes introductions to the course, to using Zoom, and to each other; an introductory lecture and your questions. For all other weeks **Zoom online lectures/activities are Mondays from 1 pm to 2:15 pm; Wednesdays from 10:00 am to 11:15 am, and online labs are Fridays 10:00 am to 11:50 am OR 1:00 pm to 2:50 pm Pacific time. Our final exam on Moodle** will be available for you to take during a two hour window of your choosing between 10 am Tuesday June 7th and 10 am Wednesday June 8th.

Recommended Prerequisite: MTH 060

BI101 is taught as a discrete and separate course in biology. It is not necessary to have any other biology courses (BI102 or BI103) before taking this course.

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.

Learning outcomes: After taking this course, students should be able to:

- ★ Discuss biological community interactions.
- ★ Explain how changes in human population and/or actions impact natural ecosystems.
- ★ Describe the movement of energy and nutrients through trophic levels.
- ★ Understand & identify major groups of organisms on Earth based on key characteristics.

Assessment of student learning: Evaluation of learning outcomes is based on individual performance on quizzes, exams, homework, labs and activities, and participation in online class discussions. Students are expected to attend all lectures and labs online, and to complete assignments.

Quizzes: There will be 4 quizzes over reading and lecture material covered in the classes after the last quiz or exam. Quizzes will be available on Moodle during a specific time frame on the scheduled day, and you will be given 30 minutes to take the quiz once you open it.

Exams: There are two mid-term exams over the material covered since the last mid-term exam (including all material from the textbook, lectures, labs and quizzes since the last exam). The final exam will be comprehensive, so it will cover all reading assignments, lectures, and labs for the entire term. You will have two hours to take the mid-term and final exams once you open them on Moodle.

Testing Procedures: All quizzes and exams will be given online during a specific time frame. All exams will be offered through Moodle. There are no in-person testing options.

Labs: Labs are a critical component for the learning process in any science class. They provide experience requiring critical thinking decisions that may influence the outcome of the lab. Students are expected to complete all labs by the due dates on Moodle and on the course schedule. Students are also required to analyze and interpret data, so it is imperative for you to be prepared for each lab period. **Pre-lab assignments** (the first one or two pages of each lab in the lab packet) are to be turned in at the **beginning** of each lab. Each lab is worth 8 points and each prelab is worth 2 points.

According to department policy, you must attend and submit at least 7 of the 10 online virtual labs in order to pass the class, regardless of your overall grade.

Homework Assignments: There are 5 biweekly homework assignments or online discussions to assess your understanding of the textbook reading assignments. Students who complete the homework and reading assignments usually perform much better on labs and on exams, so it is worth the investment of your time. All due dates are shown on the course schedule and on Moodle weekly modules.

Required Texts and Materials:

- ★ Concepts of Biology (OpenStax, 2017 edition)

Available free online at: <https://openstax.org/details/books/concepts-biology> or for purchase at the bookstore.

- ★ BI 101 General Biology Lab Packet:

Each week's lab packet is posted on Moodle. We modified all labs for online delivery, eliminating some portions and providing alternative methods for viewing specimens that you would have seen in person in the physical classroom setting. Part of your assignments will be looking up specific organisms online and ***drawing them*** in your lab packet (do not copy/paste).

Grading:	10 Labs @ 8 pts each	=	80 points
	10 Prelabs @ 2 pts each	=	20 points
	4 Activities @ 5 points each	=	20 points
	5 HW assignments @ 4 points each	=	20 points
	4 Quizzes @ 15 points each	=	60 points
	2 midterm exams @ 50 pts each	=	100 points
	Final Comprehensive exam	=	100 points
	Total	=	400 points

Grading Scheme: Straight percentage, no curve.

A = 90 - 100% B = 80 – 89% C = 70 – 79% D = 60 – 69% F = 59.49 %
and below

There will be extra credit opportunities available as well, including completion of skills modules through the Learning Innovation Center's Academic Coaching (formerly called the College Skills Zone).

EXPECTATIONS Students are required and expected to participate in all lectures and labs each week in this online virtual class. Participation in group discussions and

projects is an important part of your learning experience, and you will receive points for participation in both, as described above. If you are unable to attend any class, you must watch the recording I will post on our Moodle site under Announcements.

Missed and late work: All assignments are due by the date indicated on Moodle and on your course schedule. I expect you to submit all assignments on or before the due date. No assignments will be accepted for credit if they are more than one week late. Late work will have a 10% point reduction.

Cell Phone and laptops: You need access to a laptop or desktop computer or a tablet with a webcam and microphone. See Technology recommendations below. You may use your cellphone if you don't have other tools to access the online class but it will be more difficult to view materials. Please be sure to download the free Zoom app appropriate for your device.

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. Refer to AR 7030-01 at <https://www.linnbenton.edu/faculty-and-staff/administrative-information/policies/board-policies-and-administrative-rules/7000-series-student-services/administrative-rule-no-7030-01-student-rights-respon.php>

Technology Recommendations

LBCC is encouraging students to be as prepared as possible for online classes by encouraging you to obtain the equipment you will need in order to be successful in any modality. Please see the recommended list of equipment below. **Students who cannot afford these resources can contact the [Roadrunner Resource Center](#)** about funding. For information to help you make that choice, consult this document on [student technology recommendations](#). The Library has laptops and wifi hotspots available for you to check out if needed.

Standard equipment recommendation

- ★ Broadband internet
- ★ A computer with 256g SSD, 8G RAM, i5 6th gen processor (or equivalent functionality)
- ★ Device with a microphone and speaker
- ★ Device with a camera
- ★ Students can consult [Standard Recommendation 1](#) or [Standard Recommendation 2](#) if they are looking for a product recommendation

Minimum equipment recommendation

- ★ A wifi hotspot
- ★ A computer with 128g SSD, 4G RAM, i3 6th gen processor (or equivalent functionality)
- ★ Device with a microphone and speaker
- ★ Device with a camera
- ★ Students can consult [Minimum Requirement 1](#) if they are looking for a product recommendation **However, note that a Chromebook is not able to access some of our lab assignments.**

CAMPUS RESOURCES

Special Accommodations: 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 virtually 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 accommodations request through the Center for Accessibility Resources Online Services web page every term in order to receive accommodations.

Direct questions about or requests for special needs or accommodations to the LBCC Director, Center for Accessibility Resources (CFAR), RCH-105, 6500 Pacific Blvd. SW, Albany, Oregon 97321, Phone [541-917-4789](tel:541-917-4789) or via Oregon Telecommunications Relay TTD at [1-800-735-2900](tel:1-800-735-2900) or [1-800-735-1232](tel:1-800-735-1232). Make sign language interpreting or real-time transcribing requests 2-4 weeks in advance. Make all other requests at least 72 hours prior to the event. LBCC will make every effort to honor requests.

LBCC Comprehensive Statement of Non-discrimination: LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws.

For further information see Board Policy 1015 in our [Board Policies and Administrative Rules](#). Title II, Title IX (employee cases), & Section 504: Scott Rolen, Director of Human Resource Development and Support, CC-108, 541-917-4425; Title IX (student cases): Jill Childress, Manager for Student Conduct and Retention, WH-215, 541-917-4806, LBCC, Albany, Oregon. If you feel you have been discriminated against in any interaction at Linn-Benton Community College, or have been harassed by another person while at LBCC, or wish to report any concern or complaint, please navigate to this page to make a report: linnbenton.edu/report-it. More information can be found at <https://www.linnbenton.edu/about-lbcc/administration/policies/equal-opportunity.php>.

Statement of Respect: I strive to create a welcoming environment free of distraction and open to free discourse. We will explore ideas in a context of mutual respect for each other. At no time will a hostile or condescending classroom environment be permitted.

Other resources: When you aren't sure who to contact for assistance with something, [The First Resort](#) is a great resource. Also, I strongly suggest you visit the [Learning Center online](#), especially the Academic Coaching link. They offer many resources to support student success including test-taking and study skills, tutoring and assistance with writing and math. The Career Center offers career counseling. The Public Safety Office (541-926-6855) offers Evacuation and Safety Instructions on their webpage.

Linn-Benton Community College is an equal opportunity educator and employer.