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| **Week** | **Tasks Monday-Thursday**  **Due Tuesday-** Reading Guides  **Due Thursday-** Homework and Forum Posts | **Tasks Friday-Sunday**  **Due Sunday** - All work in this column is due by Sunday at midnight. |
| Week 1  April 6th - 12th  Biodiversity and Climate Change | **Read:** Ch. 1 and Ch. 21-21.2 & **RG #1** ¨  **Homework #1** ¨  **Forum Post**: Post your Introduction ¨ | **Lab #1:** Climate Change ¨  **Two Forum Comments** ¨  **Quiz #1** ¨ |
| Week 2  April 13th - 19th  Population Ecology | **Read:** Ch. 19-19.3 & **RG #2** ¨  **Homework #2** ¨  **Forum Post**  ¨ | **Lab #2**: Population Ecology ¨  **Two Forum Comments** ¨  **Quiz #2** ¨ |
| Week 3  April 20th - 26th  Community Ecology | **Read**: Ch.19.4, 20-20.1, 5.1 & **RG #3** ¨  **Homework #3** ¨  **Forum Post** ¨ | **Lab #3**: Community Ecology ¨  **Two Forum Comments** ¨  **Quiz #3** ¨ |
| Week 4  April 27th - May 3rd  Ecosystem Ecology | **Read**: Ch. 20.2 & **RG #4** ¨  **Homework #4** ¨  **Forum Post** ¨ | **Lab #4**: Nutrient Pollution ¨  **Two Forum Comments** ¨  **Quiz #4** ¨ |
| Week 5  May 4th -10th  Natural Selection and Bacteria | **Read**: Ch. 11.1 and Ch. 13.1 & **RG #5** ¨  **Homework #5** ¨  **Forum Post** ¨ | **Lab #5**: Bacteria ¨  **Two Forum Comments** ¨  **Quiz #5** ¨ |
| Week 6  May 11th - 17th  Protists and Fungi | **Read**: Ch. 13.2-13.4 & **RG #6** ¨  **Homework #6** ¨  **Forum Post** ¨ | **Lab #6**: Protists and Fungi ¨  **Two Forum Comments** ¨  **Quiz #6** ¨ |
| Week 7  May 18th - 24th  Plants | **Read**: Ch. 14 all and Ch. 5.1. & **RG #7** ¨  **Homework #7** ¨  **Forum Post** ¨ | **Lab #7**: Plants ¨  **Two Forum Comments** ¨  **Quiz #7** ¨ |
| Week 8  May 25th - 31st  Invertebrates | **Read**: Ch. 15-15.4 & **RG #8** ¨  **Homework #8** ¨  **Forum Post** ¨ | **Lab #8**: Invertebrates ¨  **Two Forum Comments** ¨  **Quiz #8** ¨ |
| Week 9  Jun 1st - 7th  Arthropods | **Read**: Ch. 15.5-15.6 & **RG #9** ¨  **Homework #9** ¨  **Forum Post** ¨ | **Lab #9**: Arthropods ¨  **Two Forum Comments** ¨  **Quiz #9** ¨ |
| Week 10  June 8th - 12th  Vertebrates and Final Exam | **Read**: Ch. 15.6 ¨  **Homework #10** ¨  **Forum Post** ¨ | **Lab #10**: Vertebrates ¨  **Two Forum Comments** ¨  **Final Exam:** Online Exam ¨ |

# Biology 101 Online Schedule - Spring 2020

\*\*Stay Organized: Check boxes when finished\*\*

Biology 101 General Biology – CRN 40216 - Spring 2020

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| --- | --- | --- |
| **Instructor Information**  Heidi Herring  [herrinh@linnbenton.edu](mailto:herrinh@linnbenton.edu) |  |  |
| **Zoom Office Hours:**  Monday 1:00pm-2:00pm | **Zoom Classroom Hours:**  Wednesday 9:00am-10:00am | **Zoom Lab Hours:**  Friday: 10:00am-12:00pm |

## 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

* **Textbook:** [Concepts of Biology](https://openstax.org/books/concepts-biology/pages/1-introduction) - Free online textbook by Openstax
* **Labs:**  Provided to you by your instructor through Moodle. Other formats (.pdf) also available upon request.
* **Internet Connection:** To access Moodle, Zoom (online classroom), All other course materials.  Check out the [LBCC Resource Center](https://www.linnbenton.edu/current-students/student-support/roadrunner-resource-center.php) to find out how to get free internet through Comcast for two months. (Lots of other great resources are available on this page)
* **Moodle:** You are automatically enrolled in this Moodle course.  Use your single sign-on to find all your Moodle courses.
* **Zoom:**  Download/connect to Zoom using these [instructions.](http://cf.linnbenton.edu/mathsci/bio/herrinh/upload/Getting_Started_With_Zoom_Help_Guide.pdf)  I will post the link to our Zoom meetings on Moodle.

## Grading

Evaluation of student learning outcomes will be based on individual performance on homework, forum participation, labs, quizzes, and the final exam.

### Lab Assignments (10 pts each)

Weekly lab assignments will be posted to Moodle each Monday. Pre-labs will be submitted through Moodle and are due every Thursday (by midnight). Labs are due on Sunday (by midnight) and are intended to be completed on Thursdays and Fridays after you have completed the other course assignments. Weekly Zoom Open Labs will be open for students to collaborate with each other and ask questions. I will be available during the two hours to answer questions and clarify instructions. *Lowest lab grade will be dropped.*

### Homework Assignments (4 pts each)

Weekly homework assignments will be posted to Moodle each week. Homework will be submitted through Moodle and is due every Thursday (by midnight). *Lowest homework grade will be dropped.*

### Reading Guides (4 pts each)

Weekly reading guides will be posted to Moodle each Monday along with the weekly reading assignments. Reading guides are provided to guide you toward the important concepts that are presented in the textbook. **You may use your completed reading guide while taking your weekly quiz***. Lowest reading guide grade will be dropped.*

### Quizzes (20 pts each)

Weekly quizzes will be administered through Moodle. Weekly quiz will be available on Moodle Friday through Sunday (midnight). You may take the quiz at anytime between Friday and Sunday, but once you start the quiz, you must finish it in the allotted time. You will not be able to re-open or re-start your quiz once it has been started and/or submitted. *Lowest quiz grade will be dropped.*

### Forum (4pts)

Discussion questions/activities will be posted to the Forum Link on Moodle each week. You will submit your discussion post (main post 2 pts) to the forum by Thursday (midnight). Then you will submit two comments to other discussion posts (2 pts each). *Lowest forum grade will be dropped.*

### Final Exam (150 pts)

Quiz scores will make up the majority of your “exam” grades. There are no midterm exams. 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 Quizzes and Late Work

Late homework and lab assignments will be accepted for a reduction in points (Lose 1 pts for every day past due date. Late forum posts will not be accepted. Please contact me for missed Quizzes. I will let you make up missed quizzes under special circumstances.

### 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:

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| --- | --- | --- | --- |
| Graded Assignments | # of Points Possible | % of Final Grade | Grading Scheme |
| 9 Reading Guides @ 4pts each (drop lowest) | 32 | 6% | 90 – 100% = A |
| 10 labs @ 10 pts each (drop lowest) | 90 | 18% | 80-90% = B |
| 10 Homework @ 4 pts each (drop lowest) | 36 | 7% | 70 – 79% = C |
| 9 Quizzes @ 20 pts each (drop lowest) | 160 | 32% | 60 – 69% = D |
| 10 Forum Discussions 4 pts each (drop lowest) | 36 | 7% | 59.9% and below = F |
| 1 Final Comprehensive Exam @150 pts | 150 | 30% |  |

## Expectations and College Policies

### 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](https://www.linnbenton.edu/current-students/administration-information/policies/students-rights-responsibilities-and-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>.

### 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/](about:blank)

### 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.