



# Independent Study | in Idaho

**BIOL 102L**  
**Biology and Society Lab**

*Providing independent study opportunities for more than 40 years.*



The University of Idaho in statewide cooperation with  
Boise State University — Idaho State University — Lewis-Clark State College

# **Course Guide**

Independent  
Study | in Idaho

*Self-paced study. Anytime. Anywhere!*

***Biology 102L***  
**Biology and Society Lab**

*University of Idaho*  
*1 Semester-Hour Credit*

***Prepared by:***

*Lisa Bird*

*University of Idaho*

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## **Welcome!**

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*Whether you are a new or returning student, welcome to the Independent Study in Idaho (ISI) program. Below, you will find information pertinent to your course including the course description, course materials, course objectives, as well as information about assignments, exams, and grading. If you have any questions or concerns, please contact the ISI office for clarification before beginning your course.*

## **Policies and Procedures**

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Refer to the ISI website at [www.uidaho.edu/isi](http://www.uidaho.edu/isi) for the most current policies and procedures, including information on setting up accounts, student confidentiality, exams, proctors, transcripts, course exchanges, refunds, academic integrity, library resources, and disability support and other services.

## **Course Syllabus**

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**Instructor:** Lisa Bird

**Email:** [lisah@uidaho.edu](mailto:lisah@uidaho.edu)

**Office & Phone:** LSS 164A & 885-6185

**Office Hours:** MW 8:30-9:20am in-person LSS 164A at the University of Idaho's Moscow campus or Zoom Appointments (email me)

Laboratory: Independent Study Lab will be completed using online activities

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## **Course Description**

There has never been a better day to start learning biology. Being a living thing, you interact with the natural world each day. BIO 102 Lab is similar to the lecture course in that it is organized around five core areas: (1) Ecology and Conservation; (2) Cells and Cellular Processes; (3) Genetics and Inheritance; (4) Evolution of Living Things; and (5) Human Body Form and Function. The goals of the course are to create a better understanding of biology, relate the core content to students' lives, clarify the process of science and visualize experiments to better understand living systems.

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## **Class Notes and Other Information**

All class information can be found on the class site on the Canvas website at [canvas.uidaho.edu](http://canvas.uidaho.edu). You will be prompted to enter your username (vand1234) and password (same as your email account) to access course materials. Students will be given instructions for each lab within the Modules tab on the left side of your screen. I have also given an idea of when it would be most useful to complete the lab in relation to the lecture course.

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## Grading

• 13 Laboratories Exercises (15 pts. each)	195
• Final Research Paper (20 pts.)	20
TOTAL	215

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## Calculating Your Grade

Letter grades are awarded based on the University of Idaho grade scale:

A 90 – 100%: B 80 – 89.9%: C 70 – 79.9%: D 60 – 69.9%: F 0 – 59.9%

Grades will be updated frequently on the “Grades” section of Canvas.

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## Grading Policy for All Laboratories

All labs will be open for completion for at least one year. Students may complete the lab activity at any time. I recommend trying the activities when it integrates best with the lecture and communicating with the instructor if problems come up.

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## Final Paper Policy

All papers will need to be submitted to Canvas or emailed to the instructor at [lisah@uidaho.edu](mailto:lisah@uidaho.edu).

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## Grading Concerns

If you think your laboratories, projects or quizzes were incorrectly graded, you must submit your concern to the instructor within 7 days of receiving your grade on Canvas. Please send me an email if a problem comes up.

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## Center for Disability Access and Resources (CDAR)

The University of Idaho is committed to ensuring an accessible learning environment where course or instructional content are usable by all students and faculty. If you believe that you require disability-related academic adjustments for this class (including pregnancy-related disabilities), please contact Center for Disability Access and Resources (CDAR) to discuss eligibility. A current accommodation letter from CDAR is required before any modifications, above and beyond what is otherwise available for all other students in this class, will be provided. Please be advised that disability-related academic adjustments are not retroactive. CDAR is located at the Bruce Pitman Building, Suite 127. Phone is 208-885-6307 and e-mail

is [cdar@uidaho.edu](mailto:cdar@uidaho.edu). For a complete listing of services and current business hours visit <https://www.uidaho.edu/current-students/cdar>.

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## Academic Dishonesty

Acts of cheating or plagiarism will not be tolerated. Your exams, extension activities and quizzes must be your own work. According to university policy cheating or plagiarism can result in you failing this class. The *UI Student Handbook* outlines the expected code of conduct for students at the University of Idaho. Article II addresses academic honesty of students.

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## Independent Study Suggested Lab Sequence

Link to Lab Instructions	How to Integrate Lab with the Lecture course?
<a href="#">1. Lab Instructions= Sign Up for SimUText</a>	Complete as you enter the course
<a href="#">2. Lab Instructions= Isle Royale SimUText</a>	Complete after Unit 1 Study Sheet #2
<a href="#">3. Lab Instructions= Ted Talk Review</a>	Complete after Unit 1 Study Sheet #3
<a href="#">4. Lab Instructions= Nutrient Pollution SimUText</a>	Complete after Unit 1 Study Sheet #4
<a href="#">5. Lab Instructions= Cell Diversity Activity</a>	Complete after Unit 2 Study Sheet #2
<a href="#">6. Lab Instructions= Cellular Respiration SimUText</a>	Complete after Unit 2 Study Sheet #4
<a href="#">7. Lab Instructions= DNA Explored SimUText</a>	Complete after Unit 3 Study Sheet #1
<a href="#">8. Lab Instructions= Cell Division Packet &amp; Quiz</a>	Complete after Unit 3 Study Sheet #2
<a href="#">9. Lab Instructions= Mendelian Pigs SimUText</a>	Complete after Unit 3 Study Sheet #4

<a href="#"><u>10. Lab Instructions= DNA Cancer Lab Packet &amp; Quiz</u></a>	Complete after Unit 3 Study Sheet #5
<a href="#"><u>11. Lab Instructions= Darwinian Snails SimUText</u></a>	Complete after Unit 4 Study Sheet #1
<a href="#"><u>12. Lab Instructions= Genetic Drift-Bottlenecked Ferrets SimUText</u></a>	Complete after Unit 4 Study Sheet #2
<a href="#"><u>13. Lab Instructions= Tree of Life Activity</u></a>	Complete after Unit 4 Study Sheet #3
<a href="#"><u>14. Lab Instructions= How Diseases Spread SimUText</u></a>	Complete after Unit 5 Study Sheet #6
<a href="#"><u>15. Lab Instructions= Human Body Myth Papers</u></a>	Complete after Unit 5 Study Sheet #7