

## *OPEN EDUCATIONAL RESOURCES: ZOOLOGY*

1. <https://www.uwlax.edu/biology/zoo-lab/>

Welcome to Zoo Lab - The Animal Biology Website!

Although this site was created specifically to assist students at the University of Wisconsin-La Crosse, Zoo Lab can also provide a useful resource for anyone enrolled in a one-semester, college or secondary school course in zoology, or animal biology. It can also provide a "virtual laboratory" experience for those who do not have access to these materials as well as a source of basic zoological information. In keeping with these goals, users should understand that the site may change from time to time to upgrade and improve its facilities in the hope that it will continue to promote an appreciation for the Earth's extraordinary biological diversity!

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2. <https://www.merlot.org/merlot/viewMaterial.htm?id=86135>

### **Anatomy of a Spider**

This site shows, describes, and explains in fair detail, the anatomy of a spider. This site is user-friendly; to see an overview of a part of the spider, simply click one of the labeled switches on the left, and that part of the body will appear, with several organs listed beneath it. Click the name of an organ, and that organ will be highlighted on the body section. The organ will also be explained in a text box on the right hand side of the screen. This site is not particularly useful - that is, unless you have an interest in spiders. If you don't have a particular interest, this information is still interesting.

3. <https://www.merlot.org/merlot/viewMaterial.htm?id=250429>

### **Will's Skull Page**

An incredible collection of images and information on animal skeletons. So many of the bones in the collection carry information about how the animals lived and died that the author felt it might be interesting to try to illustrate

some of those details. This website has been selected by the British Library for their archiving pilot project

4. <https://www.merlot.org/merlot/viewMaterial.htm?id=1322994>

## **Biology II**

This template course was developed from generally available open educational resources (OER) in use at multiple institutions, drawing mostly from a primary work published by OpenStax College Concepts of Biology, but also including additional open works from various sources as noted in attributions on each page of materials.

This textbook is being categorized as an open, interactive textbook for the COOL4Ed project.

This course is taught using a mastery approach. It was designed to give the best opportunity for success. The instructor will guide through the process, but below are some important things to keep in mind as you begin.

### Course Structure

Each course is built around Competencies, which are important skills or knowledge that can be used in the real world. Each Competency has enabling Learning Outcomes that teaches the need to know how to master the Competency. Each Learning Outcome is supported by Open Educational Resources, which are a range of materials that will help build skills and knowledge of the learning outcomes.

5. <https://www.merlot.org/merlot/viewMaterial.htm?id=1346339>

## **Biology 1510 - Biological Principles**

This free biology textbook consists of six modules:

- Evolution
- Ecology
- Molecules and Metabolism
- Genetics
- Integrative Human Health

One clicks on each of the modules to get to course materials. Because the class also contains a video project, sample projects are also included on a variety of topics

Retrieved/searched date:

May 10, 2021, Monday