

THIS WEEK IN BI 102

TUESDAY LECTURE



Nature of Science
Milam Auditorium;
Bring materials to
take notes

THURSDAY LECTURE



Darwin
Complete "Darwin"
online reading before
lecture

RECITATION



Darwin, Mendel, and Scientific Inquiry
127 Weniger Hall;
50-minute activity
Handouts provided.

LABORATORY



Genetics and Evolution of Corn
129 Weniger Hall;
110-minute activity;
Handouts provided.

ON-LINE READINGS



Syllabus, Science, & Darwin
Readings can be
accessed through the
course website



Start the term right, work ahead.

Work Ahead for Tuesday's Lecture

Read "Science" and answer the following questions (*hint: if you are using the pdf file, click the underlined words to follow the links*).

List four assumptions of the scientific world view.

What are the five general aspects of scientific inquiry?

Provide four characteristics of the scientific enterprise.

Work Ahead for Thursday's Lecture

Read "Darwin" and answer the following questions.

Describe Darwin's early life.

How are the Galapagos finches an example of natural selection?

BI 102 Topics:

*Genetics,
Evolution, and
Animal Behavior*

How does Darwin's theory relate to the work of Lyell, Malthus, Wallace, and Boucher de Perthes?

Work Ahead for Recitation

The first week's "Darwin, Mendel, and Scientific Inquiry" recitation activity is available at the bottom of the [main BI 102 page](#) (scroll down, *you do not need to print it, a copy will be provided in class*).



Explain what a misconception is, and provide an example (p. 13).

In science, what is a theory and what is a law? (defined in questions #1 and #3, p. 13).

The word "paradigm" is now commonly used, what does it mean in science? (question #2, p. 13)

You can get ahead on your first portfolio assignment (due Monday, week 3) by reading over the assignment (Part II: Nature of Science Survey and Reflection, p. 18) and filling out the survey form.

Work Ahead for Laboratory

The first week's "Genetics and Evolution of Corn" laboratory activity is available at the bottom of the [main BI 102 page](#) (*you do not need to print it, a copy will be provided in class*).

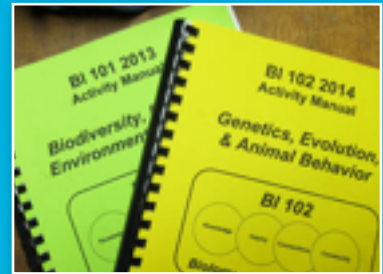
What does it mean when we say an organism is "true-breeding?" (question #2, p. 21)

Have a general question? [Check the FAQs](#) (frequently asked questions) at the [BI 102 website](#)

From question #6, p. 22, _____ are parts of chromosomes that produce traits. Different versions of genes are called _____.

Wondering what "GRP MTM" is Monday at 7:00 p.m.? This is the way the Registrar's office indicates that we have "group midterm exams" scheduled at 7:00 to 7:50 p.m., weeks 4 and 7 of the term.

Tips for Success in BI 102



Work ahead each week to avoid falling behind on the course material.



Develop a support network by working with other BI 102 students.



Questions? Ask someone in the teaching team for assistance. We have over 15 office hours each week and the hours are posted at the [course website](#).