

BIOL 1020 - Diversity of Life with Lab (formerly Biology II and Lab for non-Science Majors)
4 Credit Hours

Course Description:

This course introduces the diversity of life on earth while looking in more detail at fungi, plants and animals. The structure and function of flowering plants is reviewed. Animal anatomy (tissues, organs and organ systems), physiology, reproduction and development are covered with an emphasis on humans. The final section of the course covers ecology principles. NOTE: This course is for Non-Science majors.

Course Outcomes:

Upon successful completion of this course, students will:

- Develop an understanding and appreciation of the diversity and complexity of life.
- Develop an understanding of the relationship between structure and function in the biological world.
- Develop an understanding and appreciation for the function and role of fungi and plants in our environment.
- Better understand the way one's body is organized and functions.
- Develop one's understanding and appreciation for the interactions which occur between organisms and between organisms and their environment.

Prerequisites and Corequisites:

Completion of or exemption from Learning Support writing and math competencies. *NOTE: This course is for Non-Science majors.*

Course Topics:

Course topics are listed below under Assignments and Participation. It is expected that students will cover the topics in the order listed.

Specific Course Requirements:

None.

Required Textbooks:

Please visit the [Virtual Bookstore](#) to obtain textbook information for this course. Move your cursor over the "Books" link in the navigation bar and select "Textbooks & Course Materials." Select your Program, Term, Department, and Course; then select "Submit."

Supplementary Materials:

None.

Hardware and Software Requirements:

Minimum hardware requirements can be found [here](#).

Minimum software requirements can be found [here](#).

Common applications you might need:

To read a PDF file download the latest version of [Adobe Reader here](#)

Don't have Microsoft Word? Explore an alternative [OpenOffice here](#)

Accessing a PowerPoint file? Download the [PowerPoint Viewer here](#)

Web Resources:

Purdue [OWL Online Writing Lab](#) (for APA, MLA, or Chicago style)

The Writing Center [Online Writer's Handbook](#)

Student Resources:

- Technical support information can be found on the [TN eCampus Help Desk](#) page.
- Smarthinking virtual tutoring is available **FREE** of charge. to access Smarthinking, visit

the course homepage and select Smarthinking under Course Resources. You also view [sample sessions](#) to see what Smarthinking offers and how it works.

- Information on other student issues or concerns can be located on the [TN eCampus Student Resources](#) page.

Instructor Information:

Please see "Instructor Information" in the Getting Started Module for instructor contact information, virtual office hours, and other communication information. You can expect to receive a response from the instructor within 24-48 hours unless notified of extenuating circumstances.

Testing Procedures:

None.

Grading Procedures:

None.

Grading Scale:

| Point Range | Assigned Grade |
|---------------------|----------------|
| 1206 to 1340 Points | A |
| 1072 to 1205 Points | B |
| 938 to 1071 Points | C |
| 804 to 937 Points | D |
| under 937 Points | F |

Graded Items

| Description | Points |
|--|--------|
| Aplia Chapter Assignments, 25 @ 20 points each | 500 |
| Module quizzes, 12 @ 25 points each | 300 |
| Lab questions, 12 @ 20 points each | 240 |
| Research assignments, 2 @ 25 points each | 50 |

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|------------------------|------|
| Lab report | 25 |
| Library assignment | 25 |
| Unit 1 exam (mid-term) | 100 |
| Unit 2 exam (final) | 100 |
| Total Points | 1340 |

Assignments and Projects:

Week 1: Course Orientation

Week 2: Module 1: Introduction to the Diversity of Life

Week 3: Module 2: The Kingdoms Fungi and Plantae

Week 4: Module 3: The Plant Body and Function

Week 5: Module 4: Plant Reproduction and Development

Week 6: Module 5: The Kingdom Animalia

Week 7: Module 6: The Human Body and Nervous System

Week 8: Module 7: The Endocrine, Skeletal and Muscle Systems

Week 9: Module 8: The Circulatory, Respiratory and Immune Systems

Week 10: Module 9: The Digestive and Urinary Systems

Week 11: Module 10: Reproduction and Development

Week 12: Module 11: Populations and Communities

Week 13: Module 12: Biomes and Ecosystems

Week 14: Final Exam

NOTE: This schedule may vary slightly due to differences in the lengths and breaks for fall, spring and summer semesters. Check the Course Calendar for weekly assignments and due dates.

Class Participation:

Students are expected to communicate with their instructor on a weekly basis at a minimum (this includes the submission of assignments).

Late Policy:

It is the student's responsibility to submit assignments by the date indicated. Should events

occur which will prevent the student from submitting assignments on time, it is the responsibility of the student to discuss this prior to the due date or as soon as possible.

Course Ground Rules:

The following two statements (1., 2.) were derived from the TBR System-wide Student Rules document, released January 2012:

RULES OF THE TENNESSEE BOARD OF REGENTS STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE SYSTEMWIDE STUDENT RULES CHAPTER 0240-02-03 STUDENT CONDUCT AND DISCIPLINARY SANCTIONS

[Read the document in its entirety here.](#)

1. Standards of Conduct:

- Students are required to adhere to the same professional, legal and ethical standards of conduct online as on campus. In addition, students should conform to generally accepted standards of "netiquette" while sending e-mail, posting comments to the discussion board, and while participating in other means of communicating online. Specifically, students should refrain from inappropriate and/or offensive language, comments and actions.

2. [Review the TN eCampus Academic Integrity/Academic Honesty Policy:](#)

- In their academic activities, students are expected to maintain high standards of honesty and integrity. Academic dishonesty is prohibited.

Such conduct includes, but is not limited to:

- an attempt by one or more students to use unauthorized information in the taking of an exam
- to submit as one's own work, themes, reports, drawings, laboratory notes, computer programs, or other products prepared by another person,
- or to knowingly assist another student in obtaining or using unauthorized materials.

Plagiarism, cheating, and other forms of academic dishonesty are prohibited.

Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are subject to disciplinary action through the regular procedures of the student's home institution. Refer to the student handbook provided by your home institution to review the student conduct policy.

In addition to other possible disciplinary sanctions that may be imposed, the instructor has the authority to assign an "F" or zero for an activity or to assign an "F" for the course.

Other Course Rules:

Students are expected to:

- Participate in all aspects of the course
- Communicate with other students
- Learn how to navigate in Brightspace
- Keep abreast of course announcements
- Use the assigned course management (Brightspace) email address rather than a personal email address
- Address technical problems immediately:
 - [Contact Technical Support](#)
 - [View Term Calendar here](#)
- Observe course netiquette at all times.

Guidelines for Communications:

Email:

- Always include a subject line.
- Remember without facial expressions some comments may be taken the wrong way. Be careful in wording your emails. Use of emoticons might be helpful in some cases.
- Use standard fonts.
- Do not send large attachments without permission.
- Special formatting such as centering, audio messages, tables, html, etc. should be avoided unless necessary to complete an assignment or other communication.
- Respect the privacy of other class members

Discussions:

- Review the discussion threads thoroughly before entering the discussion. Be a lurker then a discussant.
- Try to maintain threads by using the "Reply" button rather starting a new topic.
- Do not make insulting or inflammatory statements to other members of the discussion group. Be respectful of other's ideas.
- Be patient and read the comments of other group members thoroughly before entering your remarks.
- Be cooperative with group leaders in completing assigned tasks.
- Be positive and constructive in group discussions.

- Respond in a thoughtful and timely manner.

Library:

The [Tennessee Virtual Library](#) is available to all students enrolled in TN eCampus programs and courses. Links to library materials (such as electronic journals, databases, interlibrary loans, digital reserves, dictionaries, encyclopedias, maps, and librarian support) and Internet resources needed by learners to complete online assignments and as background reading will be included within the course modules. To access the Virtual Library, go to the course homepage and select the ***Virtual Library*** link under Course Resources.

Students with Disabilities:

Qualified students with disabilities will be provided reasonable and necessary academic accommodations if determined eligible by the appropriate disability services staff at their home institution. Prior to granting disability accommodations in this course, the instructor must receive written verification of a student's eligibility for specific accommodations from the disability services staff at the home institution. It is the student's responsibility to initiate contact with their home institution's disability services staff and to follow the established procedures for having the accommodation notice sent to the instructor.

Syllabus Changes:

The instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of change(s) on the course bulletin board.

Disclaimer

The information contained in this syllabus is for general information purposes only. While we endeavor to keep this information up-to-date and accurate, there may be some discrepancies between this syllabus and the one found in your online course. The syllabus of record is the one found in your online course. Please make sure you read the syllabus in your course at the beginning of the semester. Questions regarding course content should be directed to your instructor.

