Nashville State Community College
Division of Math and Natural Sciences
Biology Program

Master Course Syllabus

This master course syllabus is a general guide and overview of the course. Each instructor will further clarify specific criteria for grading, classroom procedures, attendance, exams and dates, etc. on his/her individual course syllabus.

Course title: BIOL 1020 Intro to Biology II
Credits: 4 credits
Class hours: 3 class hours, 3 lab hours

A continuation of Intro to Biology I, this course surveys the kingdoms of life, with particular attention to the animal and plant kingdoms. In the animal kingdom, there is an emphasis on the human organism and its organ systems. In the plant kingdom, there is an emphasis on structure, nutrition, and reproduction. This course does not fulfill the science requirement for biology majors. Credit for BIOL 1120 and BIOL 1020 may not be used together to satisfy the general education natural science requirement.

The laboratory component of the course is integrated into the lectures (i.e., there is no separate lab time).

Prerequisite: Level 2 placement in English and Reading.

Instructor Information:
Name:
Email:
Office Phone:
Office Location:
Office Hours:

Textbook and Other Materials:

Course Outcomes:
Upon successful completion of this course, students should be able to:

- Compare and contrast the characteristics and importance of viruses, bacteria, Archaea, protists, fungi, plants and animals and be able to identify organisms from each group.
• Describe the organization of the various human organ systems, how they interact, and the functions of each as well as be able to distinguish characteristic cell and tissue samples from each of the systems.
• Appraise the diversity of the plant kingdom including plant structure, nutritional processes, defenses, nutrient transport, reproduction and development.

**Topics to Be Covered:**

**Course Topics**
- Introduction to Biological Diversity
- Prokaryotes
- Protists
- Plant Diversity
- Fungi
- Introduction to Animal Diversity
- Invertebrates
- Vertebrates
- Plant Structure, Growth, and Development
- Transport in Vascular Plants
- Plant Nutrition
- Angiosperm Reproduction and Biotechnology
- Plant Responses to Internal and External Signals
- Basic Principles of Animal Form and Function
- Animal Nutrition
- Circulation and Gas Exchange
- The Immune System
- Osmoregulation and Excretion
- Hormones and the Endocrine System
- Animal Reproduction
- Animal Development
- Nervous system
- Sensory and motor mechanisms

**Lab Topics**
- Taxonomy
- Bacteria
- Protists
- Fungi
- Plants
- Invertebrates
- Vertebrates
- Cells, Tissues, and Organs
- Respiratory System
- Circulatory System
- Urinary System
- Reproductive System
Course Assessments:
Each instructor will provide more detailed information regarding assessments. The following performance assessments will be used to demonstrate students’ understanding, knowledge, and skills:

Exams
- The exams may include, but are not limited to, multiple choice, short answer, essay, matching, fill-in-the-blank, true-false of picture/diagram drawing and labeling.
- Exams will count as 55-60% of the final course grade.

Laboratory Activities
- Laboratory activities include, but are not limited to, lab exercises, virtual lab activities, or lab practicals.
- Laboratory activities will count as 20-25% of the final course grade.

Class Activities
- Class activities may include, but are not limited to, quizzes, discussions boards, class presentations, group work, homework, and model or diagram labeling, lab specimen/model ID or essay questions.
- Class activities will count as 15-20% of the final course grade.

Grading Policy:
- 55-60% - Exams
- 20-25% - Laboratory Activities
- 15-20% - Class Activities

Grading Scale:
- A = 90% or higher
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = Below 60%
- FA (see below)
- FN (see below)

Per TBR policy, a student who does not officially drop or withdraw from a course, but receives a failing grade, will receive an “FA” if the last day of attendance was earlier than two-thirds into the part-of-term. That date equates to the last day to withdraw from the course.

An FN is awarded to students who never attended class.
Safety issues

The instructor will go over new regulations regarding safety in lab classes. You must turn in a signed copy of the regulations, and you will have a copy to keep.

Late Work Policy & Make-up Procedures for Missed Assignments and Work:
Each instructor will provide policy.

Attendance Policy
Each instructor will provide policy.

A student is expected to attend all scheduled classes and laboratories. Absences in a course may affect a student’s final grade. The student is responsible for all assigned work in the course regardless of excused or unexcused absences. Tardiness may also affect a student’s final grade.

D2L Brightspace/NSOnline and myNSCC email
It is the student’s responsibility to check D2L and MyNSCC email on a regular basis. These are the official communication channels between the college and students. Students are responsible for the information communicated through those channels. D2L contains specific course information and MyNSCC contains information important for other purposes.

Technology Statement
Nashville State’s classes are considered to be web-enhanced. Faculty have an expectation that students will use a computer and the Internet to complete assignments, engage in online discussions, and access various course materials through Desire2Learn (D2L) course shells. Computers are available for student use at each campus during campus open hours.

ADA Compliance Statement
Nashville State complies with the Americans with Disabilities Act. If you wish to request any special accommodations for any courses in which you are enrolled, contact the Access Center at 615.353.3741 or 615.353.3721.

Classroom Misconduct
Nashville State Community College has a zero tolerance policy for disruptive conduct in the classroom. Students whose behavior disrupts the classroom will be subject to disciplinary sanctions. The Nashville State Student Code of Conduct policy is available at https://s3.amazonaws.com/nscc.edu/PDFs/dean-students/Student_Code_of_Conduct_Policy.pdf.

Please be aware that children are not allowed in class or unattended on campus.
Academic Misconduct
Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. Students are responsible for understanding and aiding by the Academic Misconduct Policy in the Nashville State Student Code of Conduct that can be found at https://s3.amazonaws.com/nscc.edu/PDFs/dean-students/Student_Code_of_Conduct_Policy.pdf.

In addition to other possible disciplinary sanctions that may be imposed through regular college procedures as a result of academic dishonesty the instructor has the authority to assign an “F” or a “Zero” for the exercise, paper, or examination or to assign an “F” for the course. Students may appeal through the appropriate college grade appeal procedures.

Academic Early Warning System
Nashville State Community College has implemented an Early Warning System to notify students via e-mail about academic problems such as poor classroom attendance, poor performance on assignments/tests, poor communication skills, late/missing assignments, and/or lack of classroom participation. *Please note that Early Warning Alerts do not affect a student’s academic standing.

RAVE Emergency Alert System
Emergency events can happen at any time and Nashville State Community College wants to be able notify students if and when they occur. For this reason, all students have been enrolled in the free RAVE alert system. If you have not already done so, please log in at https://getrave.com/login/nscc to confirm and update your contact information and notification preferences. It is critical that your information be correct so that you will receive any emergency notifications. Your RAVE Username is your NSCC email address. If you’ve never received an email from RAVE with your password, or if you need to reset your password, select “Forgot your password?” and a new password will be emailed to you. Should the RAVE system indicate “user not found”, select Register and create your own RAVE account.

Inclement Weather Policy
Nashville State will use the RAVE alert system to send a text message to students, staff, and faculty about adjusted hours of operation and/or closings at individual campuses. All students should check the Nashville State web site home page at www.nscc.edu for announcements on campus closures, which may vary from campus to campus. Campus closures will also be announced on local television stations.

When classes are cancelled, an online assignment will be posted in NS Online. Check NS Online for a message from your instructor regarding your online assignment requirements.

Students should use their own best judgment in determining whether to report to campus during inclement weather when classes are not cancelled.
Class Cancellation Policy

If the class is cancelled, the instructor will notify all students by posting in the NSOnline/D2L course, e-mailing through NSOnline/D2L, and/or by posting a sign on the classroom door. In the event of class cancellation, students must access NSOnline/D2L to complete classwork and the assignment that will be posted in the course D2L site.