

Arkansas State University-Newport's mission is to provide an accessible, affordable, quality education that transforms the lives of our students, enriches our communities, and strengthens the regional economy.

BIOL1034: Biology of Plants

ACTS Equivalency: BIOL1034 Botany for Majors

Course Description: A study of plant structures and their functions and the evolution, diversity, and ecology of plants.

Course Type: Lecture and Lab

Credit Hours: 4

Instructor Name:

Office:

Office Phone:

Email:

Office Hours:

Department Information

Course Department:

Academic Department:

Academic Coordinator:

Associate Dean/Director:

Associate Dean/Director Contact Number:

Email:

Associate Dean/Director Email:

MATERIALS: REQUIRED AND OPTIONAL

Required Text(s):

LECTURE (AND LAB) TEXTBOOK: *Stern's Introductory Plant Biology*, 14th ed. By Bidlack and Jansky, McGraw-Hill, 2017. ISBN-13: 978-1259682742 (12th or 13th edition is fine to use for this course as well. ISBN-13: 9780073040523 for 12th ed; 978-0073369440 for 13th)

LAB BOOK: *Stern's Introductory Plant Biology Laboratory Manual*, 14th ed. By Bidlack and Jansky, McGraw-Hill, 2017. ISBN-13: 978-1260030143 (ISBN-13: 978-0077508784 13th ed; or 978-07-304053-0. 12th eds. ok too)

LAB BOOK MUST NOT BE "USED" with writing in it already, as you will complete and turn in your writings for a grade! DO NOT RENT YOUR LAB BOOK – PURCHASE IT INSTEAD!!! YOU WILL TURN IN PAGES FOR GRADES!!!

The textbook is available from the ASU-Newport bookstore – if you are not in/near Newport, the bookstore can ship the textbook to you. Temporary Bookstore locations are available at the ASUN-Jonesboro and ASUN-Marked Tree campuses at the beginning and end of the semester. Call the ASU-Newport bookstore at 870-512-7806 for more information.

Optional Text(s): None

References: Campus Library and Internet; Online Learning Center at <http://www.mhhe.com/stern14> (you do not need a password or email to log in, just click on "Resources" and use the file menu on the left).

Required Materials: Colored pencils, lab coat or old shirt to protect your clothing, ponytail holder if you have long hair, and closed-toe shoes; ASUN Student Email and ASUN My Campus and Canvas Username and Password (same for email, My Campus and Canvas), access to a computer equipped with Microsoft Word, Microsoft Excel, Adobe Acrobat Reader and Internet.

Optional Materials: Botany photo atlas; highlighters and a good method of staying organized and on top of due dates, etc.

INSTITUTIONAL POLICIES

Institutional Learning Outcomes

Upon graduating from ASU-Newport with any Associate Degree, a student will be proficient in the following:

ILO1: Communication

Goal: Students will express ideas, knowledge, and concepts in a clear and concise manner.

- a) Written
- b) Verbal
- c) Interpersonal

ILO2: Reasoning

Goal: Students will apply reasoning skills in a variety of environments, which demonstrate problem-solving and applied knowledge.

- a) Explore
- b) Locate
- c) Interpret
- d) Evaluate
- e) Apply

ILO3: Responsibility

Goal: Students will participate in service activities that instill in them a sense of social responsibility.

- a) Civic
- b) Academic
- c) Financial

Institutional Grading Scale

Grading Scale:

- A: 90-100
- B: 80-89
- C: 70-79
- D: 60-69
- F: 0-59
- S: Satisfactory
- U: Unsatisfactory

Americans with Disabilities Act Compliance

In order to obtain appropriate disability related accommodations and services to which they are entitled, students with documented disabilities should voluntarily and confidentially provide the Office of Educational Access (870-512-7838 or CEA@asun.edu) with appropriate medical documentation regarding the nature and extent of their disability, make their needs known to this Office and follow established procedures for acquiring needed services and accommodations in the classroom or online.

Information Technology Services

If you experience any problems or issues with Canvas, MyCampus, or other equipment, please contact ITS at 870-512-7783 or <http://its.asun.edu>. Canvas also has a 24/7 live chat. This is a valuable resource for those late-night tests or assignments that just do not seem to work properly.

ASU-Newport provides a number of different services to assist students in areas that directly impact their academic success. The following direct websites will help you get in touch with those services that may be needed during your time as an ASUN student:

Academic Support Center: <http://academicsupport.asun.edu>

Financial Aid: <http://financialaid.asun.edu>

Career Pathways: <http://pathways.asun.edu>

University Police: <http://cpd.asun.edu>

Last name of Faculty, Semester

Information Technology Services: 512-7783 or its@asun.edu
Center for Educational Access: <https://www.asun.edu/cea>
Admissions: <http://admissions.asun.edu>

Academic Dishonesty *(as stated in the Student Handbook)*

ASU-Newport enthusiastically promotes academic integrity and professional ethics among all members of the ASU-Newport academic community. Violations of this policy are considered serious misconduct and may result in disciplinary action and severe penalties. Cheating in any form-including plagiarism, turning in assignments prepared by others, unauthorized possession of exams - may result in the student being dropped from the class with an “F” and/or being suspended from the College. Students who feel they have been unfairly accused of cheating may appeal to the Associate Dean of General Education.

Printing

*Each student is allowed 200 sheets of copy paper per semester for printing. Additional printing requires a \$5.00 printing fee which covers an additional ream of copy paper. The fee can be paid by either visiting or calling the Business Office.

Campus Safety Information

What to know and do to be prepared for emergencies at ASUN:

- Opt-in to receive ASUN’s School Messenger notifications regarding weather closings, emergencies, and other important notifications. All currently enrolled students will receive an email within the first two weeks of the semester prompting them to Opt-in to the messaging system.
- Know the safe evacuation route from each of your classrooms. Emergency evacuation routes are posted in on-campus classrooms.
- Listen for and follow instructions from your instructor or other designated authorities.
- For additional emergency information see the ASUN Emergency Response Guide in the Portal under “More” then select “Department of Safety”.
- Know the emergency phone number for ASUN Campus Police or dial 911.
- Report suspicious activities and objects found on campus.
- Keep your permanent address and emergency contact information current in My Campus.

Inclement Weather

In the event of inclement weather, class cancelation is left to the discretion of the Chancellor. You will be notified of class cancelation on the university website, through news media, and through our school messaging system.

Children in the Classroom:

ASUN classroom policy requires that the learning environment should be free of distraction in order to provide the highest learning opportunity for all students. In this light, students should not bring children to the classroom. If you must bring a child on campus, please have your child properly supervised in the public gathering areas.

NOTE TO STUDENTS:

All course activity open and due dates are articulated in Central Standard Time (CST) regardless of the student’s residential location. If you reside in a time zone other than CST, please ensure you utilize the appropriate conversion for all course activities.

COURSE POLICIES

COURSE LEARNING OUTCOMES

Upon the successful completion of this course, students will able to:

List and identify the steps of the scientific method.	
Describe the structures and functions of plant components from the cellular to the organismal level and environmental adaptations.	
Describe the processes of plants including photosynthesis, cellular respiration, reproduction, growth, and genetics and their applications in biotechnology.	
Describe the classification and evolution of members of the plant kingdom.	
Analyze the different plant relationships found in nature, demonstrating an understanding of the connections between and among the biotic and abiotic ecological factors and the economy.	

MSA: The MSA (Master Summative Assessment) for this course is comprised of the lecture and lab **FINAL EXAMS and the Lab Notebook**. It is explained further in the syllabus, and covers all course learning outcomes. It will also cover ILO 2E. You can find the rubric posted in Canvas.

Academic Calendar

<http://www.asun.edu/catalogs>

Finals Schedule

<http://www.asun.edu/catalogs>

Disclaimer

This syllabus and all documents associated with the syllabus are considered a contract between the student and the instructor. Students are expected to carefully read and review the syllabus and all associated documents in order to be familiar with course expectations and policies. This syllabus is subject to change at the discretion of the instructor, who will inform students of any changes. Students are responsible for keeping up with any changes.