

Northwest Arkansas Community College
Division of Science & Mathematics

BIOL 1014 General Biology II

Catalog Description: An introductory course that examines the common characteristics of life, such as movement, energy usage, reproduction and responsiveness through study of the diversity of life. The general structural organization and basic physiology of the phyla of the five kingdoms will be considered along with elements of their interdependence (ecology) and change through time (evolution). Three hours lecture and 3 hours laboratory weekly.

Prerequisite: Principles of Biology I with a grade of C or better, or its equivalent is required.

Credit hours/ Contact hours/ Load hours: 4/6/5

Target Audience/Transferability: A survey course intended for science majors and non-science majors alike. In general, BIOL 1014 applies toward the general education requirements for baccalaureate degrees granted by state funded colleges and universities. Though this course currently has no equivalent at the University of Arkansas it will transfer. It is important for students to consult with the transfer institution or college within the university to determine how the course will be accepted.

Student Learning Outcomes: Students completing this course will:

- Apply the scientific method by gathering and analyzing data, drawing conclusions and presenting findings in a written form.
- Demonstrate college-level knowledge of the study of origin and evolution, systematic classification, and the three domains.
- Identify the affect that the organisms studied have on man and the environment.

Topics:

- Diversity of Life
- Plant Structure and Function
- Animal Structure and Function

Forms of Assessment: Lab practical exams are a required part of grading.