

Syllabus for UWXBL101

Concepts of Biology

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

An introduction to the fundamental principles of living organisms. Topics include cell structure and function, growth, basic physiological processes of living organisms, reproduction and inheritance, classification systems, evolution, and diversity of life.

Prerequisite(s)

None

Course Outcomes

Upon completing this course, you will be able to do the following:

- Explain how scientific inquiry is different from other intellectual endeavors.
- Recognize cell theory, inheritance, development, and evolution as the foundations of biological science.
- Describe the structure and functions of life at the cellular level.
- Integrate various levels of biological organization and their emergent properties.
- Collect, analyze, and interpret data from laboratory experiments.
- Apply the relevance of biological principles to everyday life and society

Course Requirements/Components

- 1) 14 Written Assignments (5 points each)
- 2) 14 Labs (15 points each)
- 3) 7 Discussions (10 points each)
- 4) 14 Quizzes (10 points each)
- 5) 3 Exams (100 points each)

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Percent	Letter Grade
93-100%	A
90-92.9%	A-
87-89.9%	B+
83-86.9%	B
80-82.9%	B-
77-79.9%	C+
73-76.9%	C
70-72.9%	C-
67-69.9%	D+
60-66.09%	D
>60%	F