

Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

BIO 106, Unity and Diversity of Living Things
Fall 2017

Class: BIO-106 Unity/Diversity Living Things

Class Hours:

Instructor:

Phone:

Office:

E-Mail:

Office Hours:

Course Description

This is a one semester introductory life science course with laboratory for non-science majors. Basic cell biology and biochemistry common to all living things are presented. Major groups of organisms are surveyed including their genetics, bioenergetics, evolutionary relationships, and ecological niches.

Expected Student Learning Outcomes

1. Relate a basic core of scientific principles to an open-ended framework.
2. Demonstrate observational and analytical skills in a structured situation.
3. Formulate conclusions based on observations and information.
4. Use technology to access scientific information, generate and analyze empirical data, and solve problems.

Total Hours of Coursework

In order to meet the minimum requirements for a 4 credit class each student should commit 150 hours per semester, or 10 hours per week for a 15 week class. Remember that this is the minimum number of hours needed, certain courses, or certain students may require more than this minimum number to be successful.

	Direct Faculty Contact (class time)	Student work outside of class
Lecture material (3 credits)	37.5 hours	40 h (study time for 5 exams)
15 Online Quizzes		7.5 h
Group Activities		
Final Exam		8 h (exam prep)
Laboratory (1 credit)	38.5 hours	10 h Lab class prep & studying
		14 h Lab report completing
Total Lecture & Lab	76 hours	79.5 hours
TOTAL	155.5 (exceeds the minimum)	

Services for Students with Disabilities

Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.