

Biology 112 [2022-2023]

Ms. T. Underhill

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On successfully completing this course, you will be able to:

- explain the development of cell theory, as well as the structure and function of the basic unit of life, with respect to the historic development of both microscope technologies and scientific inquiry.
- outline, classify and characterize the vast array of living organisms that have evolved on this planet.
- explain the importance of and the processes involved in the maintenance of dynamic equilibrium (balance) within all organisms.
- appreciate and understand more clearly the interrelationships among science, technology, society and the environment.
- apply science-related knowledge, skills and attitudes ("scientific literacy") to solve problems and make informed decisions regarding the world in which you live.



The following five units will be covered:

Unit 1:	The Cell	30%
Unit 2:	Principles of Taxonomy	10%
Unit 3	Plants in Detail	10%
Unit 4	Animal in Detail	15%
Unit 5	Homeostasis and Digestive System	10%
Unit 6	Photosynthesis and Respiration	5%
Final Assessment [Exam]		20%

Expectations:

- Work to your full potential each class.
- Ask for help when having difficulty.
- Attend all classes and/or use **TEAMS** to keep all work up to date.

The dictionary is the only place where success comes before work.

[Author Unknown]