

BIOLOGY TODAY

Biology 106
4 Credits with lab

Satisfies college core science lab requirement!
Entire course, including lab conducted online!

Instructor: Dr. David Christensen
dchristensen@wsc.ma.edu
413-572-5373

Westfield State University
Biology Department
Westfield, MA 01011

Course description: An introduction to the study of cells, cellular reproduction, inheritance and the gene, molecular genetics, and the development of organisms. Concentrates on human genetics and development. Investigates the role of biotechnology in genetics and development.

Lab: The labs will consist of a combination of online exercises and hands-on activities that you will conduct at home.

Course objectives: Understand the basic structure and function of cells, principles of inheritance, and the fundamentals of development. Knowledge of how to conduct a scientific investigation, basic understanding of computer spreadsheets, and how to communicate the results of a scientific investigation in written format.

Textbook: The Living World, Seventh Edition. 2012. George Johnson. McGraw Hill. We will be using a condensed version of this text that contains only the chapters used in class. This provides significant savings to the student. The condensed text is available at the WSU book store.

Grading:	Quizzes (5)	100
	Exams (3)	300
	Final exam	150
	Lab exercises	150
	Report	100
	Total	800

All exams and quizzes are open note and open book.