

Cover Sheet - Planned Course Overview

- A. Planned Course Title: Biology Course Number: S401
- B. Grade level: 9-10 Level/Track: College Prep
- C. Board Approval Date: 08/22/2016
- D. Instructional Time:
1. Length of course in weeks: 36 weeks
 2. Number of class periods per week: 5
 3. Length of class periods: 42 minutes
 4. Total clock hours/credit for the course: 1 credit

- E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

<u>Unit</u>	<u>Estimated Time</u>
The Nature of Life and Cells	45 days
The Science of Biology	
The Chemistry of Life	
Cell Structure and Function	
Cells and Genetics	45 days
Photosynthesis	
Cellular Respiration and Fermentation	
Cell Growth and Division	
Introduction to Genetics	
Genetics and Evolution	45 days
DNA	
RNA and Protein Synthesis	
Human Heredity	
Genetic Engineering	
Darwin's Theory of Evolution	
Evolution of Populations	
Ecology	45 days
The Biosphere	
Ecosystems and Communities	
Populations	

- F. The texts or major resources for the course:
Title: Biology
Author: Miller & Levine
Publisher: Pearson
Copyright: 2010
- G. Special Notes: None
- H. Names of the committee members who developed the planned course:
Rebecca Wagner and Michelle Schoeneberger