**Biology I: Scope/Sequence/Pacing**

**Semester 1**

1st 9 weeks Subject Finish Date

Chapter 1 The Science of Biology Aug. 26th

Chapter 2 The Chemistry of Life Sep.12th

Chapters 3 & 4 The Biosphere/Ecosystems and Communities Sep.30th

Chapters 5 & 6 Populations/Humans in the Biosphere Oct. 18th

2nd 9 weeks

Chapter 7 Cell Structure and Function Nov.3rd

Chapter 8 Photosynthesis Nov.15th

Chapter 9 Cellular Respiration and Fermentation Dec.1st

Chapter 10 Cell Growth and Division Dec.15th

**Semester 2**

3rd 9 weeks

Chapter 11 Introduction to Genetics Jan.27th

Chapter 12 DNA Feb.8th

Chapter 13 RNA and Protein Synthesis Feb.24th

Chapters 14 & 15 Human Heredity/Genetic Engineering Mar.19th

4th 9 weeks

Chapters 16 & 17 Darwin’s Theory of Evolution/Evolution of Populations Apr.18th

Chapter 18 Classification Apr.30th

Chapter 19 History of Life May 14th

ECA/Core 40 State of Indiana Biology End of Course Assessment TBA