

The course is divided into seven units of study:

<u>Unit</u>	<u>Components</u>
1. The Nervous and Endocrine System (Chp 11-12)	- The Nervous System - Sensory Perception -
2. Hormonal Regulation of Homeostasis (Chp 13)	- Glands and Hormones - Hormone Regulation
3. Human Reproduction and Development (Chp 14-15)	- Reproductive Systems - Human Development
4. Cellular Reproduction (Chp 16)	- Cell Cycle - Gamete Formation
5. Patterns and Processes in Inheritance (Chp 17)	- Classical genetics Including Mendelian Laws - Gene Expression - Pedigrees
6. Molecular Genetics (Chp 18)	- DNA and RNA replication - Protein Synthesis - Mutations
7. Population Changes (Chp19-20)	- Genetic Diversity - Population and Growth Changes

Homework –

Success with the Biology 30 course will require daily review of the material covered in class. Homework assignments and text readings will accompany this review. Extra help is available at lunch time and after school.