

## Honors Anatomy - Year at a Glance

Course # 2000360

**A Note to Parents:** The Florida state standards require that the science teacher plan lessons that build knowledge of various scientific concepts, develop the ability to apply these concepts, and engage students in critical thinking. To achieve these goals, students will take part in a range of activities including reading, discussions, writing, lab activities, projects, and more.

### **What is the purpose of this course?**

Students will explore biological concepts relating to the physiology and anatomy of the human body. Topics include: organic molecules, organs and tissues and all of the systems of the body and how they work together to maintain the body's homeostasis.

### **What will students be learning?**

|           | <b>Topics</b>  |
|-----------|--|
| Quarter 1 | <ul style="list-style-type: none"><li>• The Nature of Science</li><li>• Organic molecules</li><li>• Cell Cycle</li><li>• Tissues</li></ul> |
| Quarter 2 | <ul style="list-style-type: none"><li>• Skeletal, muscle and endocrine systems</li></ul>   |
| Quarter 3 | <ul style="list-style-type: none"><li>• Nervous, respiratory and digestive systems</li></ul>   |
| Quarter 4 | <ul style="list-style-type: none"><li>• Excretory, integumentary, lymphatic and reproductive systems</li></ul>                             |

### **Possible Support Resources**

Amoeba Sisters for Biological Topics: <https://www.youtube.com/user/AmoebaSisters>

Student tutorials: <https://www.floridastudents.org/#29|0|0|0>

Bozeman Science videos: <http://www.bozemanscience.com/>

Schoology: the teacher's site will have assignment information.